

**INFORME FINAL DE TRABAJO DE GRADO PARA MAESTRÍA EN INGENIERÍA**

**EVALUACION DEL RENDIMIENTO DEL PROTOCOLO 6LOWPAN SOBRE UNA  
PLATAFORMA DE HARDWARE Y SOFTWARE LIBRE**

**INGENIERO GABRIEL DARIO PIÑERES ESPITIA**

**Trabajo de grado para optar al título de Magister en Ingeniería con énfasis  
en Ingeniería Eléctrica y Electrónica**

**UNIVERSIDAD TECNOLÓGICA DE BOLÍVAR  
FACULTAD DE INGENIERÍAS  
PROGRAMA MAESTRÍA EN INGENIERÍA  
CARTAGENA DE INDIAS D. T. Y C.**

**2015**

**EVALUACION DEL RENDIMIENTO DEL PROTOCOLO 6LOWPAN SOBRE UNA  
PLATAFORMA DE HARDWARE Y SOFTWARE LIBRE**

**INGENIERO GABRIEL DARIO PIÑERES ESPITIA**

**Director: MSc Ricardo Arjona Angarita**

**UNIVERSIDAD TECNOLÓGICA DE BOLÍVAR  
FACULTAD DE INGENIERÍAS  
PROGRAMA MAESTRÍA EN INGENIERÍA  
CARTAGENA DE INDIAS D. T. Y C.**

**2015**

## **AGRADECIMIENTOS**

A mi esposa por su paciencia y comprensión en mi ocupación y dedicación, ya que gracias a ella tuve un estímulo más para seguir adelante ante las dificultades que se presentaban.

Al Ingeniero Jaime Vélez Zapata quien me impulsó a iniciar esta tarea y es un constante guía en mi labor investigativa y profesional.

A mis padres y hermanos quiénes siempre están apoyando cada una de mis iniciativas en la vida.

Al Phd. Alejandro Cama Pinto, quien con su sapiencia y conocimiento del protocolo 6Lowpan supo guiarme de manera acertada en la proyección de los experimentos de implementación y evaluación.

## **DEDICATORIA**

A mis amados hijos Gabriel Dario y Germán Dario, que siempre fueron la motivación para iniciar y culminar esta labor y que siempre estuvieron en mi mente en cada línea que escribía, en cada idea que surgía y en cada decisión que tomaba.



# TABLA DE CONTENIDO

|  |    |
|--|----|
| AGRADECIMIENTOS .....  | 3  |
| DEDICATORIA.....   | 4  |
| TABLA DE CONTENIDO .....   | 5  |
| LISTA DE TABLAS .....  | 8  |
| LISTA DE FIGURAS .....   | 11 |
| IMPLEMENTACIÓN DEL PROTOCOLO 6LOWPAN SOBRE UNA PLATAFORMA DE HARDWARE Y SOFTWARE LIBRE PARA EVALUAR EL RENDIMIENTO DE UNA RED DE SENSORES INALÁMBRICOS. .... | 14 |
| CAPÍTULO 1. DESCRIPCIÓN DEL PROYECTO .....   | 14 |
| 1. INTRODUCCIÓN .....  | 14 |
| 2. JUSTIFICACIÓN .....   | 16 |
| 3. OBJETIVOS.....  | 18 |
| 3.1. Objetivo general.....   | 18 |
| 3.2. Objetivos específicos .....   | 19 |
| 4. RESUMEN DE LOS CAPÍTULOS.....   | 19 |
| CAPÍTULO 2. CONTEXTO Y MOTIVACIÓN .....  | 21 |
| 1. INTRODUCCIÓN .....  | 21 |
| 2. CONTEXTO Y DESCRIPCIÓN DEL PROBLEMA .....   | 22 |
| 3. MARCO TEÓRICO.....  | 24 |
| 3.1. Redes de sensores inalámbricos.....   | 24 |
| 3.2. Arquitectura de una WSN .....   | 26 |
| 3.3. Plataformas tecnológicas utilizadas en redes de sensores inalámbricos. ....   | 30 |
| 3.3.1. TelosB [44].....  | 31 |
| 3.3.2. Arduino [45].....   | 32 |

|   |    |
|---|----|
| 3.3.3. Libelium – Waspote [47].....   | 33 |
| 3.4. Estándares y sistemas de transmisión de datos empleados en redes de sensores inalámbricos..... | 35 |
| 3.4.1. IEEE 802.15.4 [48].....  | 36 |
| 3.4.2. Zigbee.....  | 42 |
| 3.4.3. 6LowPan [55].....  | 45 |
| 3.4.4. RPL (IPv6 Routing Protocol for Low-power and Lossy Networks) [25]                            | 52 |
| 3.4.5. LPL (Low Power Listening) [64].....  | 53 |
| 3.5. Herramientas y métricas para evaluación de redes de sensores inalámbricos.....                 | 54 |
| 3.5.1. TinyOS.....  | 54 |
| 3.5.2. Contiki.....   | 55 |
| 3.5.3. Berkely Low Power IP Stack (BLIP) [64].....  | 55 |
| 3.5.4. Wireshark [72].....  | 56 |
| 3.5.5. Capacidad del canal.....   | 57 |
| 3.5.6. Jitter.....  | 57 |
| 3.5.7. Retardo de paquetes.....   | 59 |
| 3.5.8. Ancho de banda disponible.....   | 60 |
| 3.5.9. Throughput.....  | 60 |
| 3.5.10. Round Trip Delay Time.....  | 61 |
| 4. REVISIÓN DE LA BIBLIOGRAFÍA ACTUAL RELACIONADA A 6LOWPAN   | 61 |
| 4.1. Protocolo IPv6 aplicado a redes de sensores inalámbricos (6Lowpan)                             | 61 |
| 4.2. Aplicaciones de 6Lowpan en el entorno nacional colombiano.....                                 | 66 |
| CAPÍTULO 3. METODOLOGÍA DE INVESTIGACIÓN.....   | 69 |
| 1. INTRODUCCIÓN.....  | 69 |
| 2. METODOLOGÍA PARA EL DESARROLLO DEL PROYECTO.....   | 69 |

|  |     |
|--|-----|
| 3. IMPLEMENTACIÓN DEL PROTOCOLO 6LOWPAN SOBRE UNA PLATAFORMA DE HARDWARE Y SOFTWARE LIBRE PARA EVALUAR EL RENDIMIENTO DE UNA RED DE SENSORES INALÁMBRICOS..... | 72  |
| 3.1. Diseño de una Red de Sensores inalámbricos basada en una plataforma de hardware y software libre para implementar el protocolo 6Lowpan .....              | 73  |
| 3.2. Implementar el protocolo 6Lowpan sobre una plataforma de hardware y software libre para los nodos de la WSN.....  | 81  |
| 3.3. Evaluación del rendimiento del protocolo 6Lowpan en una WSN desarrollada con la plataforma de hardware y software libre.....                              | 88  |
| CAPÍTULO 4. RESULTADOS Y ANÁLISIS .....  | 96  |
| 1. INTRODUCCIÓN .....  | 96  |
| 2. RESULTADOS Y ANÁLISIS EN CADA UNA DE LAS FASES.....   | 96  |
| 2.1. Resultados asociados a la Fase 1.....   | 96  |
| 2.2. Resultados asociados a la Fase 2.....   | 97  |
| 2.3. Resultados asociados a la Fase 3.....   | 101 |
| CAPÍTULO 5. CONCLUSIONES Y TRABAJOS FUTUROS.....   | 138 |
| 1. CONCLUSIONES.....   | 138 |
| 2. TRABAJOS FUTUROS .....  | 141 |
| BIBLIOGRAFÍA.....  | 143 |
| ANEXOS.....  | 162 |
| 1. ANEXO 1 – IMPLEMENTACIÓN DE RPL Y LPL SOBRE TELOS B .....   | 162 |
| 2. ANEXO 2 – REGISTRO DE DATOS OBTENIDOS SOBRE MOTAS TELOS B.....  | 163 |

## LISTA DE TABLAS

|  |     |
|--|-----|
| Tabla 1. Características principales del estándar IEEE 802.15.4 [Autor].....   | 36  |
| Tabla 2. Características principales del estándar Zigbee [54] .....  | 45  |
| Tabla 3. Investigaciones más relevantes enfocadas a 6Lowpan realizadas en Colombia [Autor]. .....  | 67  |
| Tabla 4. Metodología para el desarrollo del proyecto [Autor].....  | 70  |
| Tabla 5. Comparación plataformas para implementación de 6Lowpan .....  | 77  |
| Tabla 6. Paquetes perdidos en pruebas con 6Lowpan aplicando LPL y tamaño de paquetes de 120 B y 1133 B a distancias menores a 40 m. .... | 102 |
| Tabla 7. Pérdida de paquetes con 6Lowpan aplicando enrutamiento estático y LPL de 512 ms y 1024 ms para Nodo 7 y Nodo 8 .....            | 104 |
| Tabla 8. Pérdida de paquetes con 6Lowpan aplicando enrutamiento RPL y LPL de 512 ms y 1024 ms para Nodo 7 y Nodo 8.....                  | 105 |
| Tabla 9. Tiempo promedio de duración de RTT entre Nodo 7 y sumidero .....  | 108 |
| Tabla 10. Tiempo de retardo de envío de RTT con 6Lowpan y nodo 7 a distancias cortas .....   | 110 |
| Tabla 11. Tiempos de duración de RTT para escenario con dos nodos con 6Lowpan, enrutamiento estático y LPL. ....                         | 112 |
| Tabla 12. Tiempos de duración de RTT para escenario con dos nodos con 6Lowpan, RPL y LPL. ....   | 114 |
| Tabla 13. Retardo promedio con 6Lowpan, enrutamiento estático y LPL con dos nodos .....  | 117 |
| Tabla 14. Tiempos promedios de retardo para RTT con 6Lowpan, enrutamiento dinámico y LPL con dos nodos .....                             | 118 |
| Tabla 15. Retardo promedio de envío de paquetes con 6lowpan entre nodo 7 y sumidero con LPL.....   | 121 |
| Tabla 16. Jitter para envío de paquetes del nodo 7 al suidero con 6Lowpan y LPL  | 122 |
| Tabla 17. Retardo promedio de envío de paquetes para dos nodos con 6Lowpan, enrutamiento estático y LPL .....                            | 124 |
| Tabla 18. Retardo promedio de envío de paquetes para dos nodos con 6Lowpan, RPL y LPL.....   | 126 |
| Tabla 19. Jitter para dos nodos con 6Lowpan, direccionamiento estático y LPL.  | 128 |

|   |     |
|---|-----|
| Tabla 20. Jitter para dos nodos con 6Lowpan, RPL y LPL .....  | 129 |
| Tabla 21. Consolidado de resultados de acuerdo a las métricas evaluadas para distancias $\leq 40$ m.....                | 131 |
| Tabla 22. Consolidado de resultados de acuerdo a las métricas evaluadas para escenario de dos nodos con 6Lowpan.....    | 134 |
| Tabla 23. Test para el nodo 7 con 6Lowpan a 10 m sin LPL y con enrutamiento estático. ....                              | 164 |
| Tabla 24. Test para el nodo 7 con 6Lowpan a 20 m sin LPL y con enrutamiento estático. ....                              | 178 |
| Tabla 25. Test para el nodo 7 con 6Lowpan a 30 m sin LPL y con enrutamiento estático .....                              | 191 |
| Tabla 26. Test para el nodo 7 con 6Lowpan a 40 m sin LPL y con enrutamiento estático .....                              | 204 |
| Tabla 27. Test para el nodo 7 con 6Lowpan a 10 m con LPL de 1024 ms, paquete de 120 B y con enrutamiento estático.....  | 217 |
| Tabla 28. Test para el nodo 7 con 6Lowpan a 20 m con LPL de 1024 ms, paquete de 120 B y con enrutamiento estático.....  | 230 |
| Tabla 29. Test para el nodo 7 con 6Lowpan a 30 m con LPL de 1024 ms, paquete de 120 B y con enrutamiento estático.....  | 242 |
| Tabla 30. Test para el nodo 7 con 6Lowpan a 40 m con LPL de 1024 ms, paquete de 120 B y con enrutamiento estático.....  | 254 |
| Tabla 31. Test para el nodo 7 con 6Lowpan a 10 m con LPL de 1024 ms, paquete de 1133 B y con enrutamiento estático..... | 266 |
| Tabla 32. Test para el nodo 7 con 6Lowpan a 20 m con LPL de 1024 ms, paquete de 1133 B y con enrutamiento estático..... | 275 |
| Tabla 33. Test para el nodo 7 con 6Lowpan a 30 m con LPL de 1024 ms, paquete de 1133 B y con enrutamiento estático..... | 283 |
| Tabla 34. Test para el nodo 7 con 6Lowpan a 40 m con LPL de 1024 ms, paquete de 1133 B y con enrutamiento estático..... | 291 |
| Tabla 35. Test para el nodo 7 con 6Lowpan a 65 m y con enrutamiento estático. 300                                       |     |
| Tabla 36. Test para el nodo 7 con 6Lowpan a 65 m, LPL 512 ms y con enrutamiento estático.....                           | 312 |
| Tabla 37. Test para el nodo 7 con 6Lowpan a 65 m, LPL 1024 ms y con enrutamiento estático.....                          | 321 |
| Tabla 38. Test para el nodo 7 con 6Lowpan a 65 m, y con RPL. ....   | 331 |
| Tabla 39. Test para el nodo 7 con 6Lowpan a 65 m, LPL 512 ms y con RPL. ....  | 343 |

|  |     |
|--|-----|
| Tabla 40. Test para el nodo 7 con 6Lowpan a 65 m, LPL 1024 ms y con RPL. ...           | 353 |
| Tabla 41. Test para el nodo 8 con 6Lowpan y con enrutamiento estático. ....            | 363 |
| Tabla 42. Test para el nodo 8 con 6Lowpan, LPL 512 ms y enrutamiento estático.<br>373  |     |
| Tabla 43. Test para el nodo 8 con 6Lowpan, LPL 1024 ms y enrutamiento estático.<br>381 |     |
| Tabla 44. Test para el nodo 8 con 6Lowpan y RPL. ....                                  | 389 |
| Tabla 45. Test para el nodo 8 con 6Lowpan, LPL 512 ms y RPL. ....                      | 395 |
| Tabla 46. Test para el nodo 8 con 6Lowpan, LPL 1024 ms y RPL. ....                     | 403 |

.

## LISTA DE FIGURAS

|   |    |
|---|----|
| Figura 1. Fenómenos ambientales que afectan al departamento del Atlántico [Autor]. .....                  | 15 |
| Figura 2. Arduino con módulo Xbee y mota Telos B [Autor]. .....   | 17 |
| Figura 3. Aplicaciones de las WSN [38] [Autor]. .....   | 26 |
| Figura 4. Caracterización de un nodo sensor inalámbrico [Autor]. .....                                    | 27 |
| Figura 5. Arquitectura de una red de sensores inalámbricos [Autor]. .....                                 | 30 |
| Figura 6. Plataforma TelosB [Autor]. .....  | 31 |
| Figura 7. Placa Arduino [Autor]. .....  | 32 |
| Figura 8. Placa Libelium [Autor]. .....   | 34 |
| Figura 9. Topologías IEEE 802.15.4 [Autor]. .....   | 38 |
| Figura 10. Stack IEEE 802.15.4 [Autor]. .....   | 39 |
| Figura 11. Tramas 802.15.4 MAC [Autor]. .....   | 41 |
| Figura 12. Arquitectura estándar Zigbee [Autor]. .....  | 43 |
| Figura 13. Topología estándar Zigbee [Autor]. .....   | 44 |
| Figura 14. Arquitectura típica para una red 6Lowpan [Autor]. .....  | 47 |
| Figura 15. Pila de protocolos 6Lowpan [Autor]. .....  | 49 |
| Figura 16. Encabezados utilizados para 6Lowpan [Autor]. .....   | 50 |
| Figura 17. Ejemplo esquema de direccionamiento 6Lowpan [Autor]. .....                                     | 52 |
| Figura 18. Simulación de efecto Jitter en una señal [Autor]. .....  | 58 |
| Figura 19. Diagrama de bloques para un nodo sensor [Autor]. .....   | 75 |
| Figura 20. Red de sensores inalámbrica propuesta para implementación del protocolo 6Lowpan [Autor]. ..... | 79 |
| Figura 21. Mota sumidero o Gateway conectada al Edge Router [Autor]. .....                                | 80 |
| Figura 22. Pasos lógicos para la implementación de BLIP 2.0 sobre las motas TelosB [Autor] .....          | 84 |
| Figura 23. Configuración de BLIP sobre la mota TelosB 1 [Autor]. .....                                    | 85 |
| Figura 24. Configuración de BLIP sobre la mota TelosB ID 7 [Autor]. .....                                 | 86 |
| Figura 25. Configuración de BLIP sobre la mota TelosB ID 8 [Autor]. .....                                 | 86 |
| Figura 26. Prueba de Ping6 sobre motas para comprobar conectividad [Autor]. ..                            | 87 |
| Figura 27. Herramientas de hardware usadas para pruebas de campo [Autor]. ..                              | 88 |
| Figura 28. Direccionamiento de red y ubicación con 6Lowpan para escenario con dos nodos. ....             | 90 |

|   |     |
|---|-----|
| Figura 29. Ejemplo de captura de datos en puerto FEC0::100 con Wireshark [Autor].   | 91  |
| Figura 30. Captura de paquetes enviados y entregados en puerto FEC0:100 [Autor].  | 91  |
| Figura 31. Prueba de Ping6 paquete tamaño 1133 Bytes con RPL [Autor].   | 98  |
| Figura 32. Prueba de Ping6 paquete tamaño 1134 Bytes con RPL [Autor].   | 99  |
| Figura 33. Prueba de Ping6 paquete tamaño 1133 Bytes con RPL y LPL [Autor].   | 100 |
| Figura 34. Prueba de Ping6 paquete tamaño 1134 Bytes con RPL y LPL [Autor].   | 101 |
| Figura 35. Comparación de pérdida de paquetes con 6Lowpan y enrutamiento estático en nodo 7.  | 102 |
| Figura 36. Comparación de pérdida de paquetes nodo 7 y nodo 8 con 6Lowpan enrutamiento estático y LPL.  | 104 |
| Figura 37. Comparación de pérdida de paquetes nodo 7 y nodo 8 con 6Lowpan enrutamiento dinámico y LPL.  | 106 |
| Figura 38. Comparación de pérdida de paquetes nodo 7 y nodo 8 con 6Lowpan, LPL y enrutamiento dinámico y estático                                   | 107 |
| Figura 39. Comparación de RTT promedios entre nodo 7 y sumidero con 6Lowpan, LPL y enrutamiento estático.   | 109 |
| Figura 40. Comparación de promedio de retardos para RTT entre el nodo sumidero y el nodo 7, implementando 6Lowpan, LPL y enrutamiento estático.     | 111 |
| Figura 41. Comparación de duración promedio de RTT entre nodo 7 y nodo 8 con el sumidero aplicando 6Lowpan, LPL y enrutamiento estático [Autor].    | 113 |
| Figura 42. Comparación de duración promedio de RTT entre nodo 7 y nodo 8 con el sumidero aplicando 6Lowpan, LPL y enrutamiento dinámico.            | 115 |
| Figura 43. Comparación de duración promedio de RTT entre nodo 7 y nodo 8 con el sumidero aplicando 6Lowpan, LPL y enrutamiento estático y dinámico. | 116 |
| Figura 44. Retardos promedios de RTT para nodo 7 y nodo 8 con el sumidero aplicando 6Lowpan, LPL y enrutamiento estático.                           | 117 |
| Figura 45. Retardos promedios de RTT para nodo 7 y nodo 8 con el sumidero aplicando 6Lowpan, LPL y enrutamiento dinámico.                           | 119 |
| Figura 46. Comparación de RTT promedios entre nodo 7 y nodo 8 con el sumidero aplicando 6Lowpan, LPL y enrutamiento estático y dinámico.            | 120 |



|   |     |
|---|-----|
| Figura 47. Retardo de envío de paquetes desde sumidero a nodo 7. ....   | 121 |
| Figura 48. Jitter para envío de paquetes desde sumidero a nodo 7. ....  | 123 |
| Figura 49. Retardo de envío de paquetes con 6Lowpan, enrutamiento estático y LPL. ....  | 125 |
| Figura 50. Retardo de envío de paquetes con 6Lowpan, enrutamiento dinámico y LPL. ....  | 126 |
| Figura 51. Comparación de retardo de envío de paquetes con 6Lowpan y LPL para enrutamiento dinámico y estático. ....          | 127 |
| Figura 52. Jitter para retardo de envío de paquetes con 6Lowpan, enrutamiento estático y LPL. ....                            | 129 |
| Figura 53. Jitter para retardo de envío de paquetes con 6Lowpan, enrutamiento dinámico y LPL. ....                            | 130 |
| Figura 54. Comparación de Jitter en retardo de envío de paquetes con 6Lowpan y LPL para enrutamiento dinámico y estático .... | 131 |
| Figura 55. Conversión de archivos en Wireshark a formato CSV para trabajar sobre Excel. ....                                  | 164 |

# **EVALUACION DEL RENDIMIENTO DEL PROTOCOLO 6LOWPAN SOBRE UNA PLATAFORMA DE HARDWARE Y SOFTWARE LIBRE**

## **CAPÍTULO 1. DESCRIPCIÓN DEL PROYECTO**

### **1. INTRODUCCIÓN**

Las redes de sensores inalámbricos (WSN – Wireless Sensor Networks) han ido evolucionando en los últimos años, siendo su uso más frecuente en soluciones para diversas áreas, dentro de las que se destacan el monitoreo industrial, el estudio de variables ambientales y climatológicas, la domótica y aplicaciones militares [1]. Estas redes brindan soluciones a los problemas en las áreas mencionadas, que no son ajenas a la actualidad que vive la Región Caribe Colombiana.

Sin embargo, las WSN presentan diversas dificultades, siendo las más usuales las asociadas al consumo energético [2] y de recursos de procesamiento [3]. Por ello, este trabajo se centra en el estudio del rendimiento del direccionamiento IPV6 a través del protocolo 6LowPan [4], el cual direcciona estos dos aspectos entre otros, mediante la realización de pruebas de rendimiento sobre plataformas de hardware y software libre a través de escenarios con uno y dos nodos conectados a un sumidero que permita evaluar el tiempo de transmisión de paquetes con enrutamientos estáticos y dinámicos.

6Lowpan es un protocolo que permite entre otras cosas mejorar los problemas mencionados para las WSN, y abre un campo de investigación importante para el contexto nacional colombiano, siendo este otro aspecto que se presenta como una motivación más para su elección en el desarrollo de este trabajo.

Así mismo, los resultados de esta investigación permiten el análisis de WSN bajo el protocolo 6Lowpan, los cuales pueden utilizarse para el diseño de aplicaciones tales como, medición de arroyos en el departamento del Atlántico, que afectan las principales vías de su capital y área metropolitana [5], inundaciones en las poblaciones del sur del departamento [6], vendavales y tornados [7] e incendios forestales que se presentan en temporadas de sequía [8] como se muestran en la figura 1 de acuerdo a noticias del diario El Heraldó en Barranquilla.



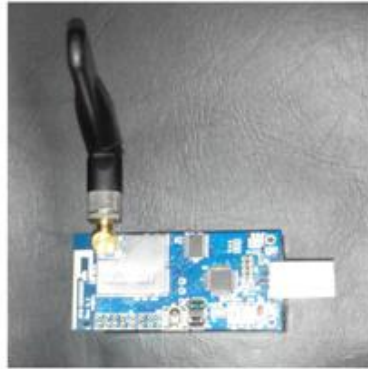
La figura 1. Muestra en A. la presencia de un tornado producido en el año 2006 que afectó a gran parte de los barrios. La figura B muestra la acción de un arroyo sobre un dos vehículos de transporte público. La figura C muestra el desbordamiento del río Magdalena que afectó al pueblo de Santa Lucía y la figura D muestra los incendios forestales que se producen en el parque Isla Salamanca y que afectan a la ciudad de Barranquilla debido a las cenizas y humo que se producen.

**Figura 1. Fenómenos ambientales que afectan al departamento del Atlántico [Autor].**

En consecuencia, en este trabajo se plantea una red de tres nodos, con el fin de evaluar su rendimiento, generando tráfico IPV6 por medio del comando PING6 y capturando el mismo a través de una herramienta de software.

## **2. JUSTIFICACIÓN**

Actualmente las WSN han evolucionado vertiginosamente en los últimos años, en donde temáticas como el internet de las cosas, las ciudades inteligentes, los desastres naturales y el cambio climático han producido investigación suficiente sobre estos campos de acción que abarcan muchas áreas de innovación, produciendo tesis doctorales y trabajos en pregrado, desde el punto de vista académico, los cuales se evidencian en la gran cantidad de artículos existentes en bases de datos especializadas. Estas redes ofrecen la oportunidad de resolver muchas problemáticas sociales, sin embargo, en Colombia las enfocadas al uso de 6lowpan son pocas, y las universidades que han empezado a presentar investigaciones de alto impacto en este tema no abundan; además, son pocos los desarrollos a nivel de prototipos y arquitecturas de redes para soluciones enmarcadas en los campos industriales, sociales y culturales en el país; las causas van enfocadas al poco personal capacitado para implementación de este tipo de tecnología y de que IPV6 aún no ha tenido el despliegue que se espera, lo que hace que esta tecnología no sea de uso inmediato en la actualidad; más sin embargo el mundo de las WSN y de las redes en general tiene en su ruta de trabajo el direccionamiento IPV6, lo que traerá un auge de dispositivos que operen bajo este protocolo, como los mostrados en la figura 2.



PLATAFORMA TELOS B



PLATAFORMA ARDUINO  
CON MÓDULO XBEE

**Figura 2. Arduino con módulo Xbee y mota Telos B [Autor].**

También muchas de estas falencias se deben a la falta de instrumentación y de software en las universidades que sea de enfoque de este tema específico y que puedan ser escalables. Una solución a esto puede encontrarse en las herramientas de software y hardware libre que se encuentran en la actualidad. Esto dado que 6lowpan es creado para poder existir en el mundo de las redes de bajo consumo energético y de pocos recursos de procesamiento, lo cual se evidencia en el uso de esta tecnología en plataformas abiertas como Arduino [9], TelosB [10], entre otras similares, que han sido objeto de desarrollo por empresas líderes en productos de WSN como Libelium o Advanticsys, respectivamente.

Las plataformas de hardware y software libre son un instrumento idóneo para el desarrollo de nuevas tecnologías e implementación de mejoras en WSN, dado el acceso que se tiene a la información de dispositivos, el soporte de documentación y la posibilidad de trabajar con entornos de programación abiertos que son de gran utilidad en la actualidad para investigación científica.

Otro aspecto importante a considerar es la actualidad en cuanto a las tendencias de estudio en las WSN en donde problemas de conectividad de plataformas y de estándares suelen presentarse. Para esto es necesario estudiar tendencias como los protocolos actuales de direccionamiento, que para el caso específico de estas redes, se tiene a 6Lowpan, que implementa el protocolo IPv6 en los dispositivos que se conectan en un sistema de comunicación de este tipo.

Es por esto que es importante revisar aspectos de operación y funcionamiento del protocolo 6Lowpan con el fin de poder contar con bases que permitan determinar su rendimiento en ciertos casos de uso en herramientas de hardware y software libre.

Para esto es importante poder estimar el comportamiento del protocolo 6Lowpan en escenarios en donde se puedan variar condiciones de tráfico y evaluar su funcionamiento por medio de métricas de desempeño que permitan estimar los retardos de la red.

### **3. OBJETIVOS**

#### **3.1. Objetivo general**

Implementar el protocolo 6Lowpan sobre una plataforma de hardware y software libre para evaluar el rendimiento de una red de sensores inalámbricos.

### **3.2. Objetivos específicos**

- Diseñar una WSN basada en plataformas de hardware y software libre para implementar el protocolo 6Lowpan.
- Implementar el protocolo 6Lowpan utilizando plataformas de hardware y software libre en los nodos sensores.
- Evaluar el rendimiento del protocolo 6Lowpan en escenarios de uno y dos saltos empleando una plataforma de hardware y software libre.

## **4. RESUMEN DE LOS CAPÍTULOS**

Este trabajo se divide en 5 capítulos, iniciando el capítulo I con la introducción al tema, en donde también se presentan las motivaciones para este proyecto, los alcances del mismo y el problema de investigación desarrollada.

El segundo capítulo presenta el sustento teórico necesario para el entendimiento de conceptos que se manejan durante el desarrollo de la investigación. Así mismo, se procede con una revisión literaria y científica de la temática de las WSN y la aplicación del protocolo 6Lowpan, dentro del contexto nacional e internacional. Además se presentan trabajos similares que se han realizado en la temática de la investigación.

El capítulo 3 desarrolla lo concerniente a los planteamientos metodológicos realizados en la investigación, exponiendo los experimentos usados. Además se citan y se amplían las herramientas de software y hardware que apoyan esta investigación. Se describen además, los detalles más relevantes de la implementación, en donde se destacan el diseño, la implementación del protocolo 6Lowpan en los nodos de la WSN, la ejecución de las pruebas para captura de tráfico y la evaluación del rendimiento del protocolo 6Lowpan de acuerdo a las pruebas realizadas.

En el capítulo 4, se exponen los resultados obtenidos en cada una de las fases, resaltando las pruebas finales de rendimiento, en donde, se manejaron dos tipos de enrutamientos, dinámico y estático. Se analizan los resultados con la aplicación de pruebas de transmisión con diferentes tiempos para activación del canal.

Finalmente, se presentan las conclusiones de esta investigación, realizando recomendaciones futuras en cuanto a la temática de redes de sensores inalámbricas y la implementación del protocolo 6LowPan.



## **CAPÍTULO 2. CONTEXTO Y MOTIVACIÓN**

### **1. INTRODUCCIÓN**

Desde hace varias décadas las redes de sensores han ido evolucionando y creciendo debido al desarrollo de tecnologías como Bluetooth, WI-FI, ZigBee, WIMAX (Worldwide Interoperability for Microwave Access" - interfuncionamiento mundial para acceso de microondas) [11], entre otras. Estas soluciones suelen ser complementadas con sistemas de comunicaciones, tales como 3G, UMTS (Universal Mobile Telecommunications System) [12] y LTE [13], proporcionando estas últimas el canal de comunicación para la conexión de la red con un servidor. Otro aspecto que ha acelerado su desarrollo es la evolución del hardware, puesto que se han conseguido grandes avances en tecnologías embebidas, teniéndose hoy en día algunas desarrolladas para este entorno, tales como Libelium, Arduino, Z1, Mica, TelosB, por citar algunas; estas plataformas se complementan con entornos de software, tanto propietarios como de código abierto, los cuales permiten la configuración de las mismas y el desarrollo de aplicaciones y protocolos. Además de esto, existen en la actualidad nuevas técnicas para el muestreo de datos que posibilita mejoras sustanciales en las capacidades de procesamiento de los sistemas embebidos y el consumo energético.

Principalmente las WSN han estado ligadas a desarrollos aplicados a la agricultura, monitoreo de variables ambientales y medición de variables para el entorno industrial, pero hoy en día existen aplicaciones como las relacionadas a ciudades inteligentes, de bastante auge en Europa y de manera incipiente en Colombia; otras aplicaciones están enfocadas a la telemedicina y las relacionadas

a las militares. En lo concerniente a Colombia, esta tecnología ha tenido investigaciones importantes a partir de hace 7 a 8 años, principalmente por la formación en Maestría y Doctorado de algunos investigadores.

Los estudios e investigaciones sobre las WSN están relacionados en la actualidad al manejo de protocolos que mejoran el funcionamiento de las capas que describen su arquitectura, principalmente en las capas 2 (acceso al medio) [14], la capa 3 (enrutamiento o red) [15] y la capa 1 (física) [16] [17] en cuanto a los problemas de consumo de energía.

Para estos problemas y algunos relacionados con la interoperabilidad, se han diseñado protocolos, como 6Lowpan, el cual introduce mejoras sobre las WSN y del cual se propone en este trabajo, un estudio que evalúe el direccionamiento IPV6 sobre redes de bajo consumo energético. La reducción del encabezado de 6Lowpan frente a protocolos como IPV4 y la próxima migración mundial hacia redes IPV6, es otra ventaja sustancial para las WSN. Además, el hecho de que aplicaciones en Smart Cities y el Internet de las Cosas requieren de muchos dispositivos conectados a la red, permite que debido al aumento en la disponibilidad de direcciones sea un punto importante en su implementación.

## **2. CONTEXTO Y DESCRIPCIÓN DEL PROBLEMA**

Las redes de sensores inalámbricos han evolucionado ampliamente en los últimos años, teniendo un gran auge en el tema de ciudades inteligentes; han pasado de ser redes de área personal a redes que pueden ser consideradas de área mundial, soportadas por aplicaciones web. Sin embargo, estas redes tienen asociados problemas, los cuales se pueden agrupar de la siguiente manera:

- Problemas asociados al uso eficiente de la energía en cada uno de los nodos a través de protocolos y algoritmos de optimización de energía [18] [19]; por medio de energy harvesting para prolongar el tiempo de las fuentes de energía [20]; o usando técnicas modernas de reconstrucción de señales como la de Compressive Sensing [21].
- Problemas de rendimiento y operación de tráfico de información de acuerdo a protocolos de acceso al medio [22] [23] [24].
- Problemas asociados a los protocolos de direccionamiento y enrutamiento con relación a la escalabilidad y adaptación de las redes [25] [26] [27].
- Problemas de seguridad y fiabilidad de la información, los cuales son abordados con el desarrollo de nuevos protocolos, algunos simulaciones y usos de motas de investigación como las TelosB [28] [29] [30].
- Problemas de limitación de hardware asociados al bajo procesamiento y consumo energético para aplicaciones de tráfico en WSN [31] [32] [33] [34].

La mayoría de estos problemas conllevan a otros como el relacionado a la compatibilidad de tecnologías, como ocurre en el caso del hardware basado en Zigbee y el basado en el IEEE 802.15.4, el cual no se puede comunicar, dado la diferencia jerárquica de sus protocolos. La implementación de direccionamiento IPV4 y posteriormente de IPV6 también ha sido objeto de estudio con el fin de que los nodos puedan ser integrados al ambiente de la internet; para esto se han desarrollado protocolos eficientes para la capacidad de procesamiento de los nodos, teniéndose a 6Lowpan como uno de los de mayor implementación a nivel mundial [35]. Este protocolo ha provocado que se de inicio a nuevas investigaciones que evalúen su real rendimiento en las redes de sensores inalámbricos en comparación con otras tecnologías. Así mismo, el uso de este protocolo en el contexto nacional de Colombia es mínimo, lo que muestra un nicho

de trabajo para mejorar las WSN en las aplicaciones mencionadas con anterioridad. Este hecho conduce a plantear los siguientes cuestionamientos conforme a las motivaciones del siguiente trabajo de investigación:

¿Qué aspectos deben ser considerados al implementar el protocolo 6Lowpan en un nodo de una WSN?

¿Cómo se pueden proponer mejoras en el rendimiento del protocolo 6Lowpan sobre los nodos de una WSN de aplicación específica?

Es claro que los problemas de compatibilidad entre las tecnologías Zigbee de capa 3 y las de acceso al medio basadas en el IEEE 802.15.4 han mostrado inconvenientes de integración multiplataforma, por lo que es necesario contar con herramientas que puedan utilizarse para generar estudios de alto impacto en cuanto a técnicas que permitan resolver estas problemáticas y ser aplicadas en un futuro a soluciones que mitiguen los efectos causados por los cambios en el medio ambiente y los fenómenos ambientales y meteorológicos que se presentan en la actualidad.

### **3. MARCO TEÓRICO**

#### **3.1. Redes de sensores inalámbricos.**

Una red de sensores inalámbricos (WSN – RSI) está compuesta por dispositivos conocidos como motas o nodos, los cuales se intercomunican entre sí a través de uno o varios protocolos de comunicaciones. Estas poseen bajo consumo de

energía y sensores para monitoreo de variables específicas. Además cuentan con una unidad de procesamiento pequeña, dado el tamaño del dispositivo. [36] [37]

Típicamente los nodos de la red, son alimentados por baterías, y pueden cubrir un área amplia de trabajo. Por lo general las redes se implementan en ubicaciones de difícil acceso, no requiriéndose la presencia de personas en sitio.

Estas redes pueden ser estructuradas o no, en donde en el primer caso se requiere una planificación en la ubicación de los nodos y rutas de comunicación. Para el segundo caso los nodos son ubicados sin planificación alguna, de acuerdo a la necesidad de monitoreo. La tecnología de comunicación más usada es la concerniente a AD-HOC (saltos entre vecinos cercanos), que permite la construcción de la red a partir de la colaboración de los nodos.

Dentro de las aplicaciones más destacadas se tienen las que se observan en la figura 3:

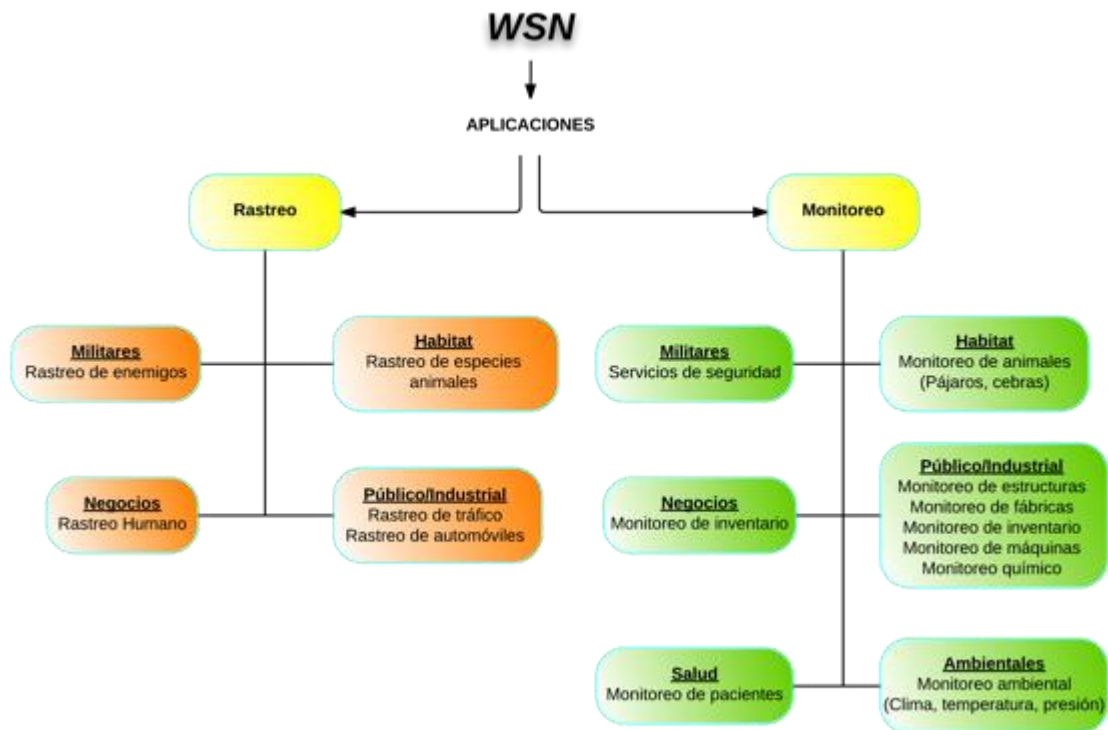


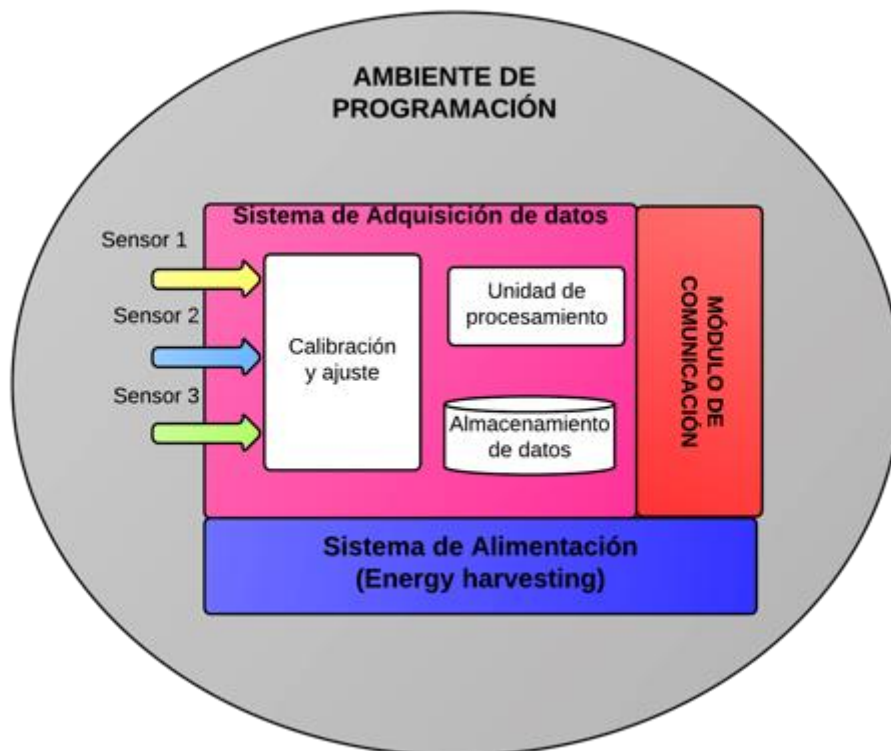
Figura 3. Aplicaciones de las WSN [38] [Autor].

### 3.2. Arquitectura de una WSN

La arquitectura que compone una red de sensores inalámbricos, está dada por dos elementos fundamentales, en donde se destaca los concernientes al hardware y parte física (en la que se incluyen los diversos elementos de procesamiento de la información, como los microcontroladores, sensores, puertos de entrada y salida, etc.); y los concernientes a software o parte lógica (lenguajes de programación, sistemas operativos, entornos de programación, etc.). Básicamente los elementos que hacen parte de la arquitectura de este tipo de red son los siguientes: nodo o mota, sensores (algunos pueden venir integrados en la mota), gateway, estación

base, módulos de comunicación (estándares y protocolos utilizados para el tránsito de la información) y el entorno de programación (el cual va ligado al hardware que se use). [39] [40]

Si se quisiera representar una caracterización de un nodo sensor, en la figura 4 se muestra una aproximación de este dispositivo.



**Figura 4. Caracterización de un nodo sensor inalámbrico [Autor].**

Una descripción de todos los componentes que interactúan en la parte lógica y física de una arquitectura de red de sensores, se describe a continuación. [41] [42] [43]

**Nodo sensor:** es un placa o sistema que contiene los sensores que detectan las variaciones presentadas en el ambiente; en este se integran los siguientes bloques funcionales:

- Bloque de sistema de adquisición de datos, en donde se encuentra una etapa de procesamiento, llevada a cabo por microcontroladores o procesadores; una etapa de calibración, para ajuste de las medidas obtenidas por los sensores; y una etapa de almacenamiento de datos, en donde se guardan registros de información, soportados por memorias ROM y RAM, que en algunos casos se pueden dar en memorias extraíbles.
- El bloque de sensores, el cual se encargan de obtener la información de las variables a medir. Para esto es necesario definir de acuerdo a la aplicación los sensores más adecuados para la captura de información.
- El bloque de sistema de energía, en donde se define el tipo de fuente de alimentación; esta puede ser fija, por baterías, a través de sistemas de “Energy Harvesting”, o combinación de todas estas.
- El bloque de comunicación, en el cual define la tecnología que se va a implementar para la transmisión de los datos. Tecnologías como la IEEE 802.15.4, Zigbee o 6Lowpan son ejemplos de estas. Algunas tecnologías como 3G, GPRS también suelen ser usadas. Estos bloques permiten la comunicación entre diversos nodos de la red, y los interconectan con el Gateway de la red.

**Gateway:** también se le conoce como puerta de enlace o nodo sumidero (sink); es el dispositivo encargado de proveer la conectividad de los diversos nodos que integran la red, con la estación base. Este dispositivo por lo general debe poseer una conexión a la Internet, de modo tal que se pueda comunicar con la estación base. En algunos casos este módulo tiene las mismas características del nodo

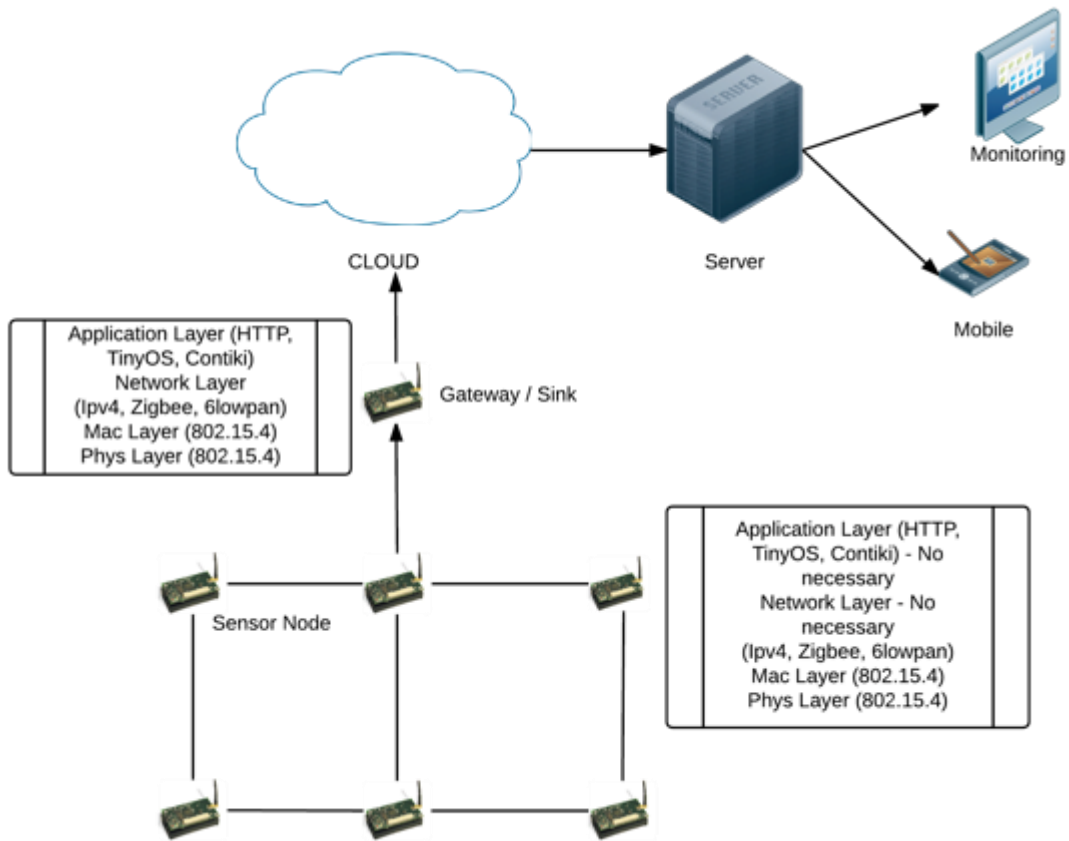


sensor, complementado con un módulo adicional de salida a la Internet, que puede ser por 3G, GPRS o GSM.

**Estación base:** es el dispositivo que se encarga de recolectar la información proveniente de los nodos a través del Gateway. Éste posee una unidad de cómputo o cualquier sistema que esté en la capacidad de almacenar información y poderla visualizar para el estudio y posterior procesamiento de datos. Este por lo general es externo a la WSN, y es quién finalmente se encarga de dar tratamiento a la información recolectada de los nodos sensores.

**Protocolos y gestión:** en esta parte se definen los estándares y/o protocolos utilizados para el intercambio de datos entre los diferentes dispositivos que integran la red. Protocolos como Zigbee, IEEE 802.15.4 son los más usados. Actualmente están emergiendo protocolos como 6Lowpan (IPV6 comprimido). En esta parte se incluye el software que se usa para la gestión de aplicaciones de la red. Esta gestión es realizada a través de un entorno que puede ser propietario o libre, el cual interactúa con el hardware. Para este último caso se tienen ejemplos como TinyOS o Contiki, ampliamente usados para el desarrollo de investigación.

Con base en lo descrito anteriormente se puede decir que las WSN, están constituidas por nodos, los cuales tienen la labor de adquirir y procesar los datos que son captados por los sensores. En este trabajo, se hará mayor énfasis en la transmisión de paquetes a través de la capa de red, evaluando el rendimiento de la arquitectura propuesta. Un ejemplo de la arquitectura se muestra en la figura 5:



**Figura 5. Arquitectura de una red de sensores inalámbricos [Autor].**

### **3.3. Plataformas tecnológicas utilizadas en redes de sensores inalámbricos.**

Para la implementación de las redes de sensores inalámbricas se requiere el uso de hardware y software que permitan esta labor. Todo esto es posible a través de plataformas basadas en microprocesadores que son sencillos de programar y manejan lenguajes bastante comunes. Esta tecnología en particular es conocida como un sistema embebido, descrita en la figura 5. Las plataformas, junto a la integración de sensores o transductores que se encargan de recoger la

información de las variables a medir conforman lo que es un sistema de monitoreo de variables, que dependiendo de la aplicación, podrán ser ambientales, meteorológicas, de salud, entre otras. A continuación, se describen algunas tecnologías que se han diseñado para el estudio e implementación de las WSN:

### **3.3.1. TelosB [44]**

Conocida también como Sky Mote, es un prototipo de sistema embebido que se utiliza principalmente para experimentación en WSN, el cual fue desarrollado por la Universidad de California, Berkely. Es de hardware libre, por lo que existen muchas versiones de esta plataforma. Entre las más implementadas se tiene la CM5000-SMA del fabricante ADVANTICSYS. La tarjeta se muestra en la figura 6:



**Figura 6. Plataforma TelosB [Autor].**

Sus principales características se describen a continuación:

- Posee un chip de comunicación IEEE 802.15.4 de 2,4GHz

- Usa un microcontrolador Texas Instruments MSP430F1611 y un chip de RF de Texas Instruments CC2420.
- Posee memoria Flash de 48KB, RAM de 10KB y una Flash externa de 1MB.
- Posee sensibilidad de recepción de -95dBm
- Es compatible con los entornos de programación TinyOS y Contiki.
- Posee embebido sensores de temperatura, humedad relativa y luminosidad.
- Posee una interfaz USB para su programación.
- Se alimenta con 3V con dos baterías AA.
- El consumo del módulo RF es de 2,1 - 3,6 V. El consumo de corriente es de 18.8 mA en recepción y 17,4 mA en transmisión. En el modo de hibernación consume 1uA

### 3.3.2. Arduino [45]

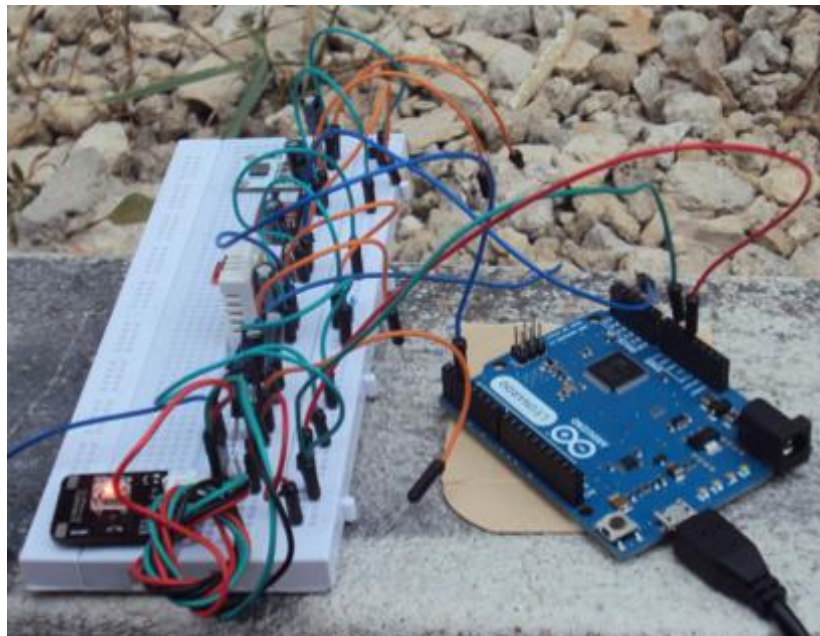


Figura 7. Placa Arduino [Autor].

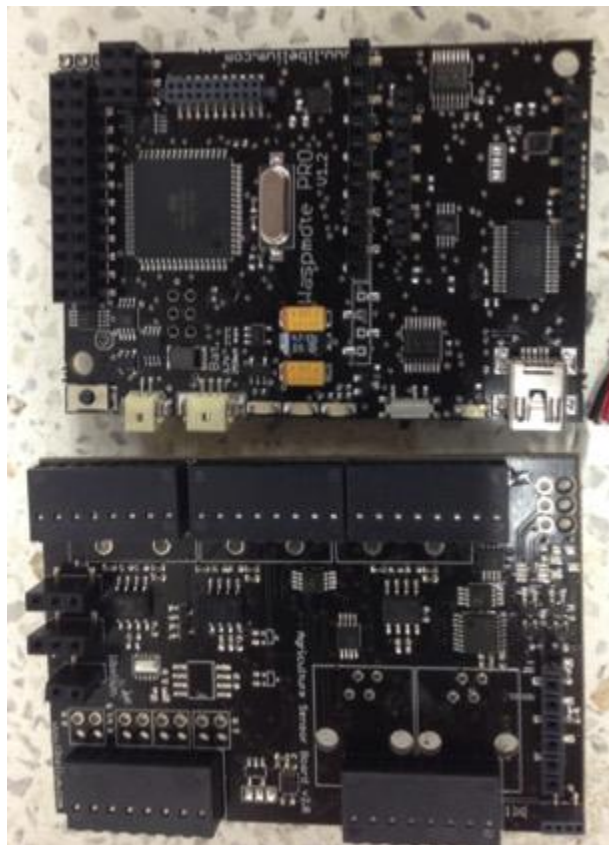
La figura 7 muestra la plataforma Arduino, la cual es una tarjeta para prototipos electrónicos de open-source o de hardware libre, la cual está desarrollada para diseñadores, incluso para interesados en crear entornos interactivos [46]. Recoge información de los puertos de entradas (análogos o digitales) y puede realizar tareas de control, entre otras más. Posee un lenguaje de programación (wiring), aunque soporta otros lenguajes, y se maneja bajo un entorno de desarrollo Arduino (basado en Processing) y es de descarga gratis. Las placas se pueden construir o comprar ya hechas.

Comparadas con muchas placas de desarrollos son bastantes asequibles. Su plataforma de desarrollo corre bajo cualquier sistema operativo (Windows, Linux, MAC OS). El lenguaje de programación soporta librerías C ++. Arduino está basado en los microcontroladores ATMEGA168, ATMEGA328 y ATMEGA1280, que son de código abierto y de licencia Creative Commons. La mayoría de estas placas funcionan con un voltaje de 5V, poseen entradas analógicas y digitales (16 análogas y 54 E/S digitales para la placa Mega de gran uso). La alimentación se puede dar por baterías, fuentes o por medio de un equipo de cómputo a través de puerto USB. Soporta voltajes de 5V y de 7 – 12V de fuentes externas. Tiene puertos determinados para cada una de las entradas de voltaje. La tarjeta en si posee bastante acople a otras tecnologías.

### **3.3.3. Libelium – Waspnote [47]**

Esta plataforma es bastante completa y fue desarrollada por la empresa Libelium, por lo que algunos aspectos técnicos son propios de la compañía. Implementa soluciones para monitoreo de variables ambientales de acuerdo a una variedad de placas que presentan respuestas según la gama de sensores a utilizar. Ofrece la solución completa en cuanto a hardware, software, sensores, sistema de

comunicación y energía. Posee un procesador ATmega 1281 con opciones de SD Card de 2GB, es bastante pequeño y de bajo consumo. Ofrece la opción de sleep (hibernación) en determinados instantes de tiempo. Posee 8 entradas analógicas y digitales y opciones de alimentación por batería, cargador independiente y energía solar. Permite la integración de módulos de comunicaciones Zigbee, 802.15.4, GSM, GPS, Bluetooth, 6Lowpan y RFID, con varios tipos de ganancias de antena. Las placas poseen variedad de sensores de acuerdo al modelo. Las de gases integran sensores para medir contaminación en ciudades, emisiones del ganado en granjas y criaderos, control de procesos químicos, industriales e incendios. Una placa waspmote se muestra en la figura 8 a continuación:



**Figura 8. Placa Libelium [Autor].**

Las placas de eventos poseen sensores relacionados con seguridad, emergencias y control de mercancías en logística. La placa para ciudades inteligentes maneja sensores relacionados a monitoreo del sonido, detección de fallas en estructuras, calidad de aire y gestión de residuos. La placa de parqueo inteligente trabaja con sensores para detección de vehículos y zonas libres de parqueo. La placa de agricultura posee sensores para agricultura de precisión, sistemas de riego, invernaderos y estaciones meteorológicas. Esta se muestra en la figura 8, junto con la placa Waspnote.

Estas placas usan programación OTA (Programación sobre el aire – Over The Air) en bandas libres de frecuencias. Provee cifrado y autenticación, topologías de uno o varios saltos, modos de programación de nodos unicast, multicast y broadcast.

Una limitante de esta tecnología es su alto valor, frente a otras, pero el precio está basado en lo completo de la solución.

### **3.4. Estándares y sistemas de transmisión de datos empleados en redes de sensores inalámbricos.**

La transmisión de la información en las WSN es uno de los aspectos más importantes a considerar en este tipo de soluciones. Existen diversas tecnologías que actualmente están desarrolladas y cada una tiene su aplicación en este tipo de redes. Estas trabajan en las diferentes capas del modelo OSI, siendo la más destacada la utilizada en la capa 2, conocida como el estándar IEEE 802.15.4. Para la capa 3, existen otros protocolos que son de gran uso, en donde se destaca el 6LOWPAN. A continuación se describen las más relevantes para el desarrollo de este proyecto.

### 3.4.1. IEEE 802.15.4 [48]

Este protocolo es de los más usados en redes de sensores inalámbricos, trabaja en la capa 2 del modelo OSI (Open System Interconnection), y parte de este protocolo define la capa física de las tecnologías a implementar, como es la frecuencia de radiación, entre otros aspectos.

Sobre este protocolo operan capas superiores para el enrutamiento de los paquetes de datos entre nodos. Esta tecnología permite la comunicación entre motas directamente. Dentro de sus principales características técnicas se tienen las siguientes descritas en la Tabla 1:

**Tabla 1. Características principales del estándar IEEE 802.15.4 [Autor].**

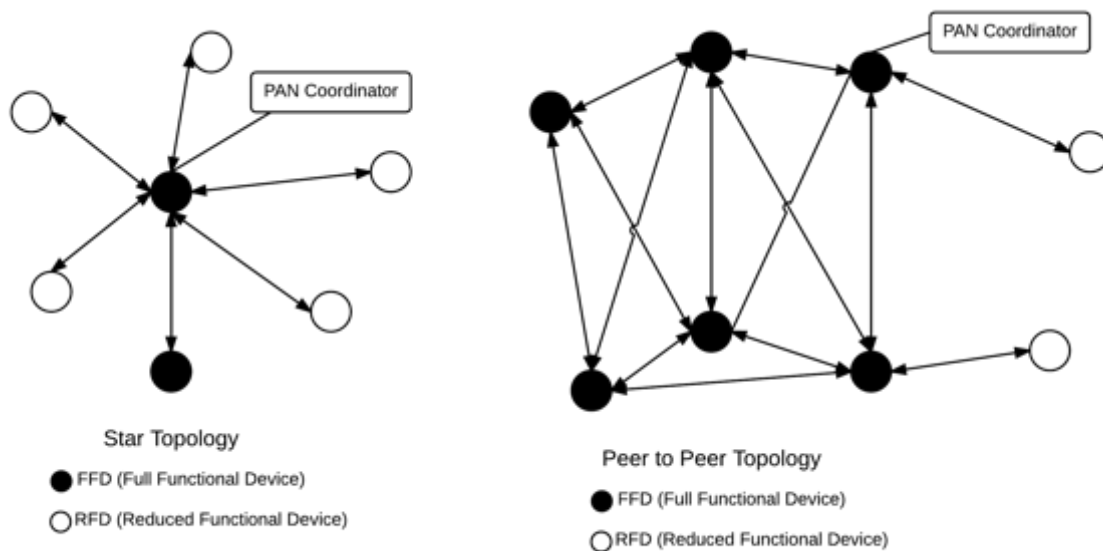
| <b>Características estándar IEEE 802.15.4</b> |                   |   |
|---|-------------------|---|
| Frecuencia de operación                       | 2.40 - 2.48 GHz   | Banda ISM (Industrial Scientific and Medical) - 16 canales  |
|   | 868.0 - 868.6 MHz | Europa - 1 canal  |
|   | 902.0 - 928.0 Mhz | EEUU - 10 canales   |
| Rango cobertura                               | Varios Km         | Dependiendo del protocolo de capa 3 implementado. Los módulos XTEND de DigiMesh alcanzan hasta 64Km |
| Capacidad de transmisión                      | 20/100/250 Kb/s   | Europa  |



|                         |             |                          |
|-------------------------|-------------|--------------------------|
|                         | 40/250 Kb/s | EEUU                     |
|                         | 250 Kb/s    | Banda ISM                |
| Potencia de transmisión | 0,5mW       | - 95 dBm de sensibilidad |

Además de lo descrito en la tabla 1, se tiene que el ancho de banda definido para este estándar es de 5Mhz por canal, pero debido a la técnica de modulación DSSS (Direct Sequence Spread Spectrum) y a la modulación OPQSK (Offset – Phase Quadrature Shift Keying) este ancho de banda se reduce a 2MHz para poder establecer los encabezados de la capa 2 [49]. Esta tecnología es de bastante uso, dado que sobre la misma se pueden insertar protocolos de capa 3, tales como Wireless HART, 6Lowpan, ISA-SP100 o DigiMesh. Permite la comunicación entre nodos directamente, dado que su arquitectura puede ser mesh (malla) [50].

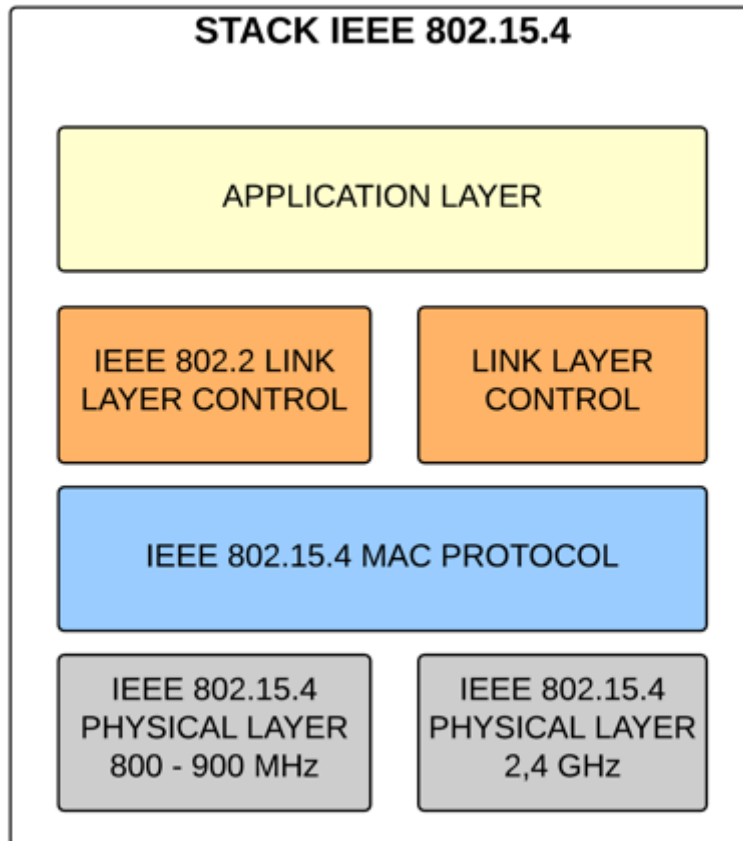
En esta operan dispositivos FFD (Full Functional Device) y RFD (Reduced Functional Device), los cuales poseen distintas operaciones de acuerdo a la topología en la que se encuentren. Las dos topologías más usadas son las tipo estrella y las punto a punto (que pueden formar una mesh). En la figura 9, se describen estas dos topologías [51].



**Figura 9. Topologías IEEE 802.15.4 [Autor].**

Estas topologías muestran la existencia de un elemento que opera como Coordinador de la PAN (Personal Area Network), el cual debe ser un dispositivo FFD, con el fin de que cumpla con adecuadas tareas de administración y control en la red.

La arquitectura básica que define a esta red está dada por la figura 10, en donde se evidencian la funcionalidad del protocolo IEEE 802.15.4 en la capa 2 del modelo OSI y define los aspectos de RF para la capa 1.



**Figura 10. Stack IEEE 802.15.4 [Autor].**

La capa 2 a través de las PDU (Protocol Data Unit) suministra dos servicios: servicio de dato MAC, el cual habilita la trasmisión y recepción la unidades de las unidades de datos de protocolo MAC (MPDUs) a través del servicio de datos PHY.; el servicio MLME-SAP: Provee los servicios de datos y gestión para las capas superiores. Dentro de las características de la subcapa MAC se tienen:

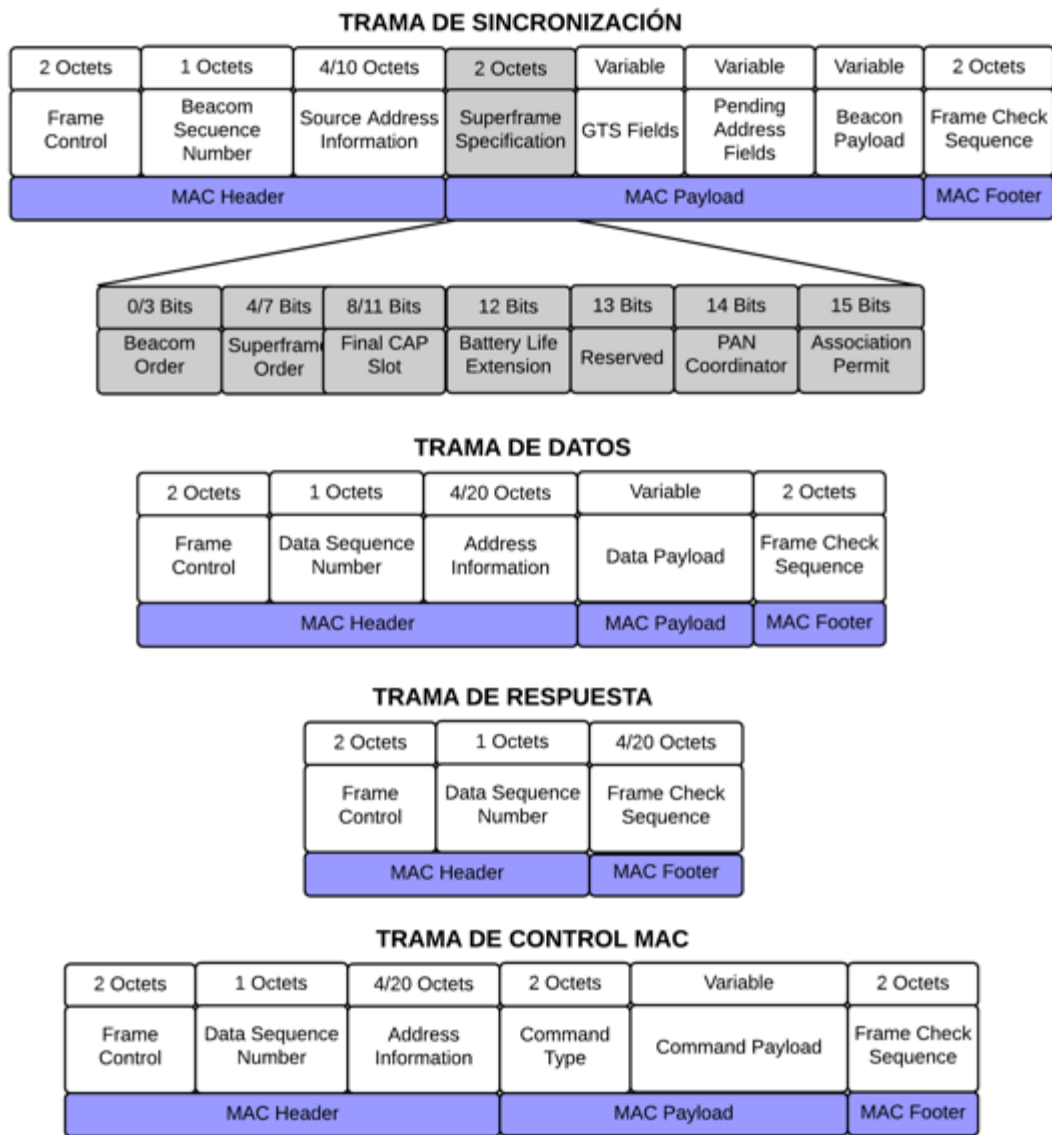
- Gestión de la sincronización

- Acceso al canal
- Gestión de Slots de tiempo garantizados (GTS)
- Validación de tramas
- Entrega confirmada de tramas
- Asociación
- Disociación
- Provee medios para implementar mecanismos de seguridad apropiados para la aplicación

El protocolo IEEE 802.15.4 define 4 tipos de trama MAC para establecer el intercambio de información entre los diferentes nodos que hacen parte de la red de datos, y estas se describen a continuación:

- Trama de sincronización
- Trama de datos
- Trama de recibo de paquete
- Tramas de control MAC

Las estructuras de las tramas MAC se pueden ver en las Figura 11.



**Figura 11. Tramas 802.15.4 MAC [Autor].**

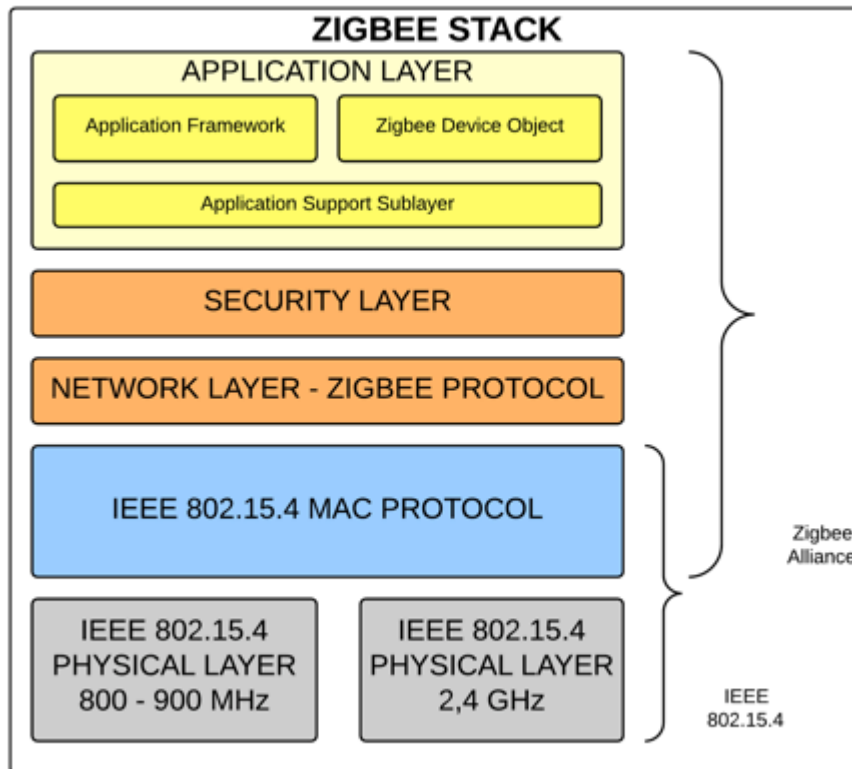
Este protocolo soporta los de capa superior, como es el caso de 6Lowpan, Zigbee entre otros, y es el que se usará como capa 2 para la implementación de las pruebas de evaluación del protocolo 6Lowpan, dado que en la actualidad se utiliza en la mayor cantidad de implementaciones existentes de 6Lowpan. Aunque

existen protocolos de capa 2 que podrían soportar a 6Lowpan no son muchos los casos existentes lo que indica que su despliegue en las WSN aún no está totalmente validado.

### **3.4.2. Zigbee**

Esta tecnología es una de las más usada en redes de sensores inalámbricos. Su versatilidad y arquitectura la hacen bastante óptima para las redes de sensores inalámbricos. Provee enrutamiento y multi-saltos (multihop) soportados a través del estándar IEEE 802.15.4, el cual opera en las capas inferiores. Posee dispositivos FFD y RFD, en donde los primeros pueden operar como Coordinador de PAN, Coordinador, o RFD y se pueden comunicar con otros FFD o con RFD. Los dispositivos RFD solamente se pueden comunicar con FFD. [52]

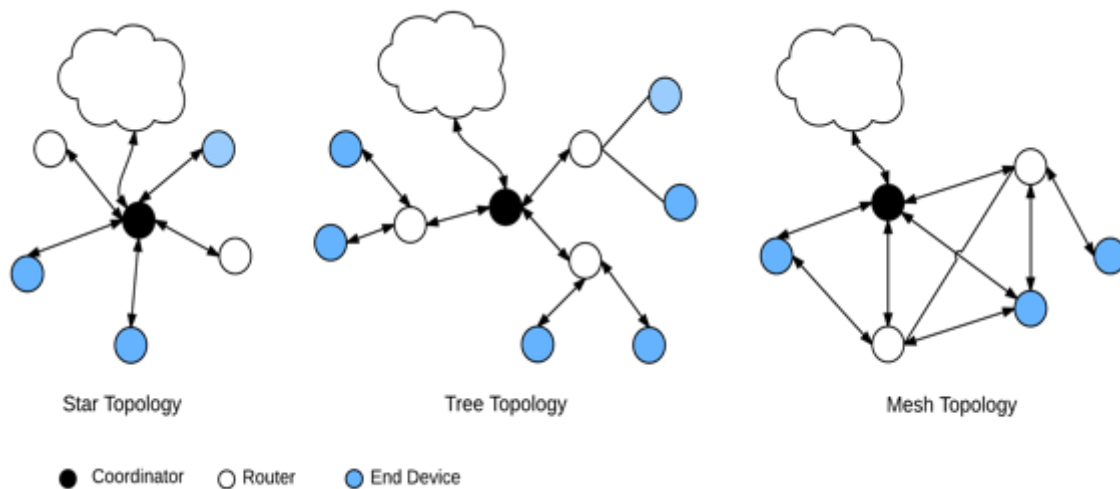
La arquitectura de esta tecnología [53] se muestra a continuación en la figura 12:



**Figura 12. Arquitectura estándar Zigbee [Autor].**

La figura 12 detalla el estándar Zigbee, el cual opera en la capa 3 del modelo OSI ofreciendo servicios a la capa superior y recibiendo información de la capa 2, la cual es definida por el estándar IEEE 802.15.4. La capa 3 también ofrece un nivel de seguridad en cuanto a la información que se transmite. La capa de aplicación provee servicios a las capas inferiores, además de que provee ZDO (Zigbee Device Object) el cual se encarga de tareas de identificación, seguridad y enlace entre nodos a través de mensajes. Esta capa también maneja las aplicaciones de trabajo que son definidas por el usuario o por el fabricante de los dispositivos (Applications Framework).

Zigbee usualmente opera con arquitecturas tipo estrella, árbol y malla (mesh), en donde destacan la operación de un Coordinador de la red, dispositivo FFD; un nodo que opera como enrutador (FFD) y nodos finales (End Device - RFD) los cuales son los que generalmente están obteniendo la información solicitada por los anteriores.



**Figura 13. Topología estándar Zigbee [Autor].**

La figura 13 muestra las descripciones de estas topologías y describe la topología de red del estándar Zigbee, la cual se basa en un nodo Coordinador, el cual se encarga de recoger la información de todos los dispositivos de un clúster de red y llevarlo a un servidor de datos. Un nodo enrutador que se comunica directamente con el nodo coordinador y se encarga de recoger la información de los nodos finales con los cuales se comunica. Posteriormente están los nodos finales que se encargan de recoger información de los sensores instalados.



Dentro de las principales características se tienen las siguientes presentadas en la tabla 2:

**Tabla 2. Características principales del estándar Zigbee [54]**

| <b>Características estándar Zigbee</b> |                                       |  |
|--|---------------------------------------|--|
| Frecuencia de operación                | 2.4 GHz                               | Banda ISM (Industrial Scientific and Medical) - 20 dBm |
|  | 868 MHz                               | Europa   |
|  | 915 Mhz                               | EEUU   |
| Esquema de transmisión                 | DSSS (Direct Secuence Speed Spectrum) |  |
| Esquema de modulación                  | QPSK (Quadrature Phase Shift Keying)  |  |
|  | BPSK (Binary Phase Shift Keying)      |  |
| Tasa neta de bit                       | 250 Kbps                              |  |
|  | 40 Kbps                               |  |
|  | 20 Kbps                               |  |

Los últimos avances de la tecnología Zigbee van encaminados a la aplicación de direccionamiento IPV6, para mejorar aspectos como consumo energético, acceso web y mejor acople con las tecnologías IEEE 802.15.4. Esta tecnología es de gran uso en redes de sensores inalámbricos y tiene mucha aplicación en sistemas de monitoreo climático, lo que la hace bastante recomendable para este tipo de aplicaciones. Dentro de sus desventajas se tiene que no permite la comunicación directa de los nodos entre sí, debido a que debe hacerse a través del nodo que opera como Coordinador.

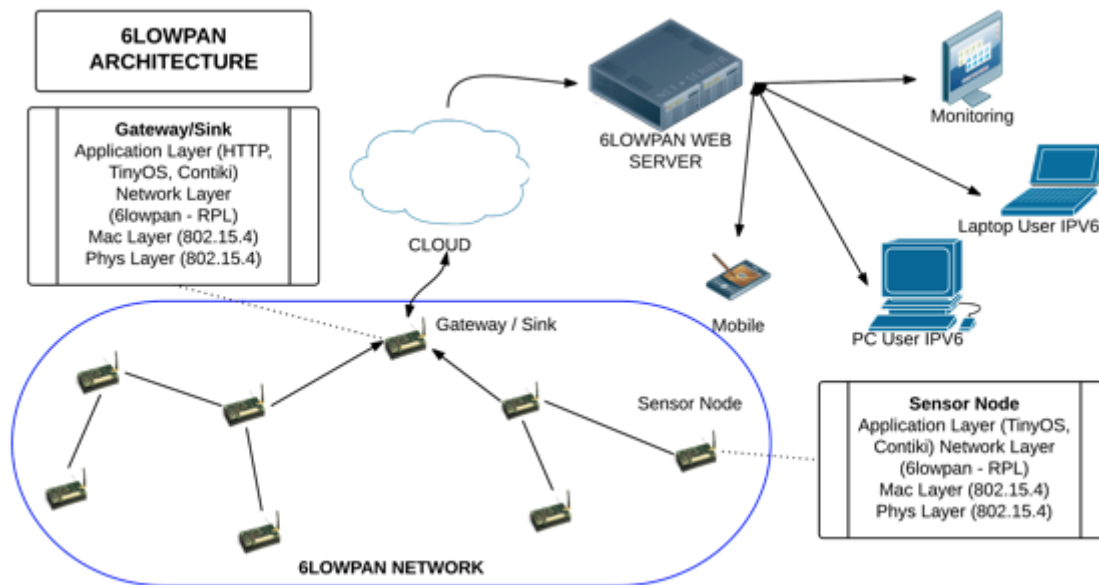
### **3.4.3. 6LowPan [55]**

Esta es una de las tecnologías emergentes en las WSN, dado que su estándar define el uso del direccionamiento IPV6 comprimido en plataformas de bajo procesamiento en redes de sensores inalámbricos.

6Lowpan (IPV6 Low Power Wireless Personal Area Network) está definido por la Internet Engineering Task Force (IETF) en el documento RFC4944 del 2009 [56], en donde se destaca la compresión de una trama de paquetes IPV6 para que pueda ser implementada en un nodo de una WSN. El paquete puede llegar a ser comprimido hasta 6 Bytes, en comparación con los 53 Bytes del IPV6 original.

Una arquitectura de este protocolo se describe a continuación en la figura 15 [57], la cual describe los nodos 6lowpan de una red típica, que puede estar conectada a un servidor web para monitoreo de ciertos parámetros, de acuerdo a los sensores que se tengan y a la aplicación escogida en la WSN. En este caso particular se evidencia la existencia de monitoreo web, el cual puede ser realizado a través de usuarios fijos, inalámbricos y móviles que posean direccionamiento IPV6. Además cuenta con la implementación de entornos de programación como son el caso de TinyOS y Contiki en los nodos para la capa de aplicación; en el sumidero (Sink) o Gateway se puede montar una aplicación web para monitoreo de los nodos. La capa 3 refleja la existencia de los protocolos 6Lowpan y RPL para el direccionamiento y enrutamiento respectivamente. Las capas 2 y 1 (de enlace y física) estarían respaldadas por los parámetros establecidos por el protocolo IEEE 802.15.4 que definen los transceivers y las frecuencias de operación de los nodos.

En la figura 14 se muestra un arquitectura comúnmente utilizada para una WSN con 6Lowpan.



**Figura 14. Arquitectura típica para una red 6Lowpan [Autor].**

Aunque se tiene una arquitectura básica, existen diferentes opciones dentro de las que se destacan la simple, la extendida y la ad-hoc. Este protocolo opera en la capa 3 del modelo OSI y entre sus principales ventajas [58] se tienen las siguientes:

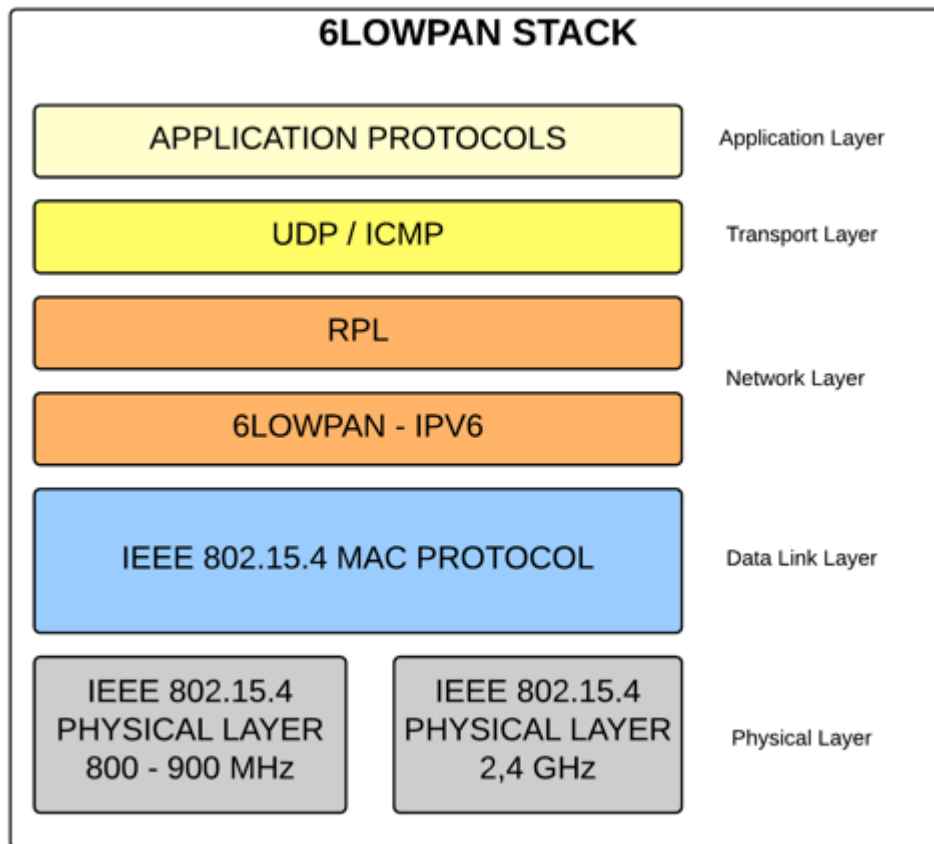
- La infraestructura IP ya se encuentra instalada y es de libre uso.
- El protocolo permite la interoperabilidad de distintas plataformas de comunicación.
- Soporta múltiples protocolos de radio de capa 2.
- Soporta diversas arquitecturas de red.
- Ofrece mejoras en el rendimiento energético.
- Permite a las WSN adquirir servicios de seguridad y de acceso web.

Dado que usa el protocolo IEEE 802.15.4 como soporte, las topologías que usa son similares a las descritas en la figura 9, aunque puede soportar topologías jerárquicas [59].

La pila de protocolos del estándar 6LowPan está conformada por 5 capas de acuerdo al modelo RFC 1122, en donde se cuenta con: [60]

1. Una capa física descrita por el estándar IEEE 802.15.4.
2. La capa de enlace, compuesta por el estándar IEEE 802.15.4 y sus características
3. La capa de red, la cual está subdividida en dos capas, una correspondiente al componente LOWPAN y la otra correspondiente al direccionamiento IPV6; esta capa es complementada con el protocolo de enrutamiento RPL, el cual será descrito posteriormente, y puede ser opcional su uso.
4. La capa de transporte, que está compuesta por dos protocolos el UDP (User Datagram Protocol), no orientado a la conexión y el ICMP (Internet Control Message Protocol), el cual se usa para control de la información enviada en esta capa
5. La capa superior que es la de aplicación está conformada por los servicios que se utilicen en estas redes.

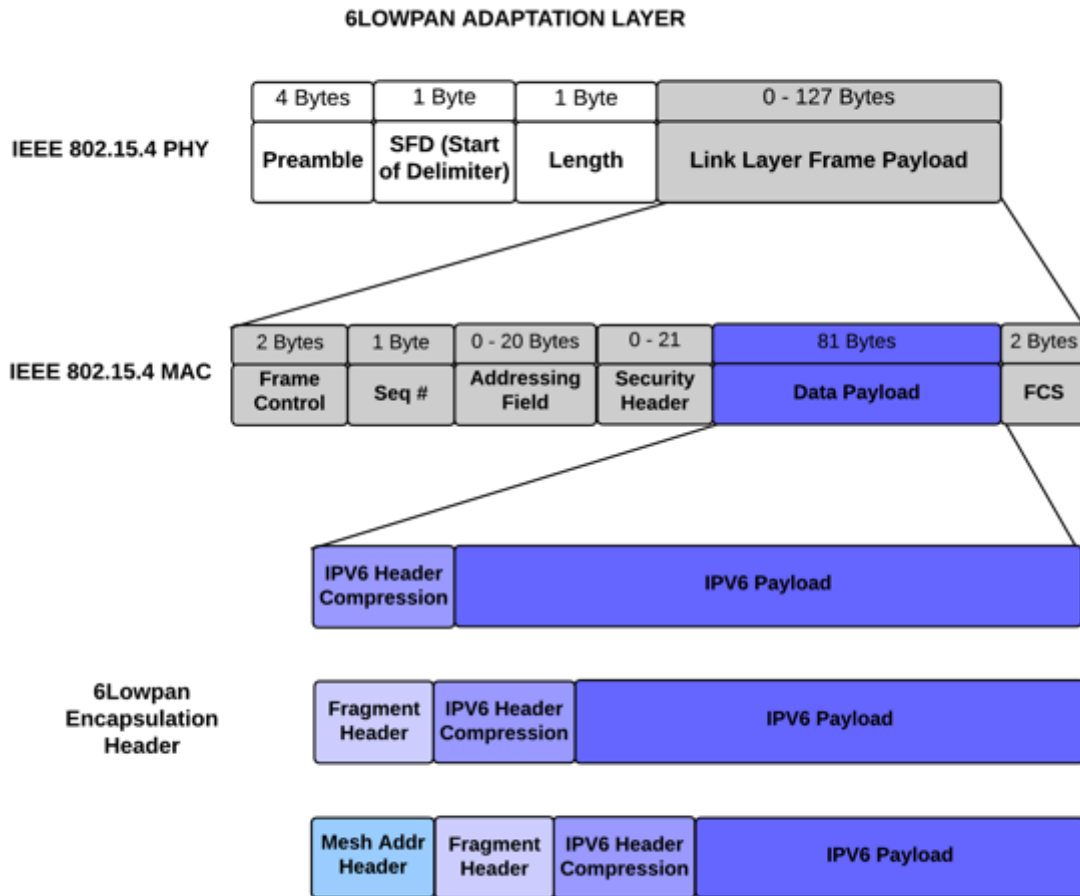
La descripción gráfica de la pila de protocolos de 6lowPan se describe en la figura 15.



**Figura 15. Pila de protocolos 6Lowpan [Autor].**

Para definir la trama de datos que forma un mensaje cuando se hace uso del protocolo 6Lowpan es necesario entender que de los 127 Bytes disponibles del protocolo IEEE 802.15.4 solamente alrededor de 20 Bytes pueden utilizarse, en donde además una porción de estos debe estar disponible para las aplicaciones; debido a que una parte es aplicado a los encabezados de sus tramas y otra para el protocolo UDP o TCP, según sea el caso. Es por esto que surge la necesidad de implementar el protocolo 6lowpan para la compresión de los 1280 Bytes que suponen el uso del encabezado del protocolo IPV6 [61]. La capa de adaptación 6Lowpan reduce el encabezado a 2 o 11 Bytes, eliminando información no

necesaria de la cabecera de IPV6 y realizando técnicas de codificación de acuerdo al tipo de trama de datos que se envíe [62]. Es por esto que se definen tres principales encabezados para 6Lowpan mostrados en la figura 16, los cuales son:



**Figura 16. Encabezados utilizados para 6Lowpan [Autor].**

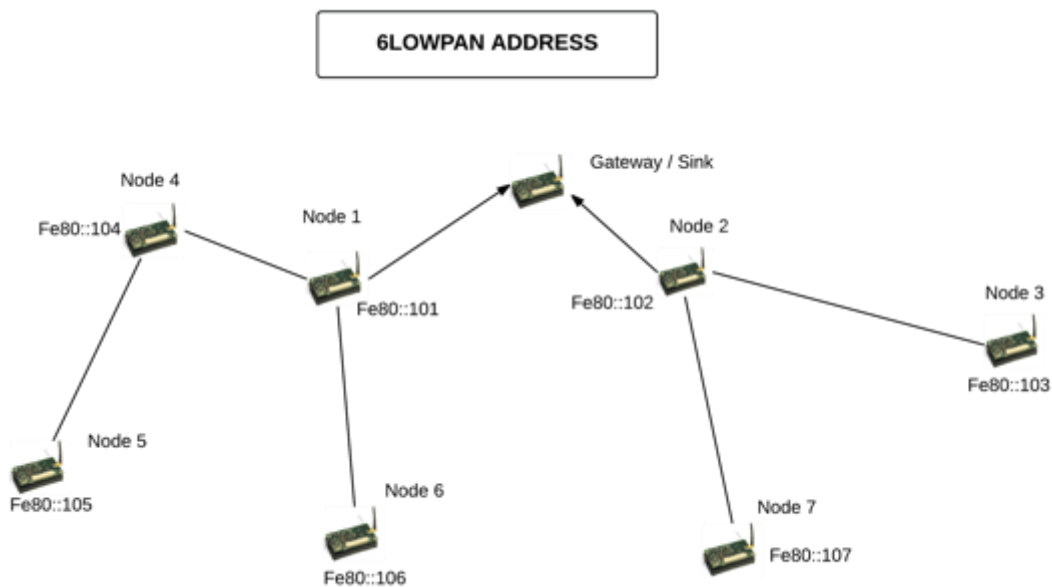
- Un encabezado para direccionamiento de malla (mesh), el cual se usa para direccionamiento de nodos que no son vecinos y que deben realizar multisaltos a través de IEEE 802.15.4
- Un encabezado para fragmentación y reensamblado, usado cuando el payload es demasiado grande para el espacio reservado en IEEE 802.15.4,

siendo necesario dividir este paquete en unidades de 8 Byte para poder ser transportadas y posteriormente organizadas en el destino para interpretar el mensaje original.

- Un encabezado de compresión, el cual permite reducir el tamaño de la cabecera de IPV6, eliminando información redundante y realizando codificación de información a través del uso de pocos bits.

En la figura 16, se observa lo anteriormente descrito para los encabezados que se utilizan en 6Lowpan [63].

Para el esquema de direccionamiento en 6Lowpan el encabezado se reduce, dado que el componente correspondiente a la identificación de la red es omitido en los nodos, y solamente el gateway o nodo sumidero lo asume. Las direcciones típicas en una red 6Lowpan se muestran en la figura 17 a continuación:



### **Figura 17. Ejemplo esquema de direccionamiento 6Lowpan [Autor].**

En este esquema típico, las direcciones 6Lowpan son comprimidas a una dirección de red FE80 y los nodos son identificados con direcciones de ID desde la 101 hasta el 107.

Esta tecnología en Colombia tiene poca exploración y se entiende como una oportunidad para el desarrollo de prototipos que puedan empezar a generar espacios para estudio y profundización de este protocolo en aplicaciones como monitoreo ambiental, gestión de riesgo ante desastres, agricultura de precisión, entre otros.

#### **3.4.4. RPL (IPv6 Routing Protocol for Low-power and Lossy Networks) [25]**

Este protocolo fue creado debido a la necesidad de proporcionar la capacidad de enrutamiento dinámico de la capa 3 que no está establecido por el protocolo 6Lowpan. RPL fue diseñado para ser flexible y modular y para ser utilizado en redes LLN (Low Power - Lossy Networks)

RPL fue construido como un protocolo de vector distancia que opera con mensajes de intercambio DODAG (Destinated Oriented Directed Acyclic Graph) para que los nodos establezcan rutas para paquetes de datos, por lo general hacia el sumidero. Esto principalmente debido a que si usara un protocolo orientado al estado de enlaces, se debería contar con la información de estabilidad de los enlaces generando más consumo de recursos y bytes de los cuales se disponen pocos; esto lo haría poco óptimo para redes LLN (Low-power and Lossy Networks), en donde el consumo de energía es importante y los enlaces tienden a variar en cuanto a su disponibilidad. Esto permite al protocolo RPL ofrecer



alternativas en el establecimiento de rutas, lo cual dependerá de la topología existente en la WSN.

Para la comunicación entre nodos, RPL utiliza mensajes de información del nodo y mensajes de destino del objeto, que se conocen como DIO (DODAG Information Object) y DAO (DODAG Advertisement Object). A través de este tipo de comunicación se establece la información de mensajes, destino y fuente y establecimiento de rutas y métricas. Además estos mensajes se encargan de suministrar información para la actualización de tablas de enrutamiento.

#### **3.4.5. LPL (Low Power Listening) [64]**

Las WSN tienen dentro de sus mayores dificultades el sistema energético, en donde su mayor consumo proviene de la interfaz de radio. Para tratar este problema se han diseñado protocolos como Low Power Listening (LPL), el cual permite que en determinados instantes de tiempo el sistema energético entre en un estado de hibernación y se produzca ahorro de energía.

Esto se realiza adaptando una capa adicional para LPL, la cual se encarga de actualizar su modo de “escuchar” otros nodos, de acuerdo a un estado local que le permita una entrega segura de datos. Esto se logra mediante colaboración de los nodos vecinos en una WSN, aprendiendo de la información de estos. Un requisito es tener una apropiada longitud de cabecera del remitente con el modo de escucha del receptor, por lo que no requiere de una previa sincronización [65].

LPL se encarga de reducir el tiempo en el cual el nodo sensor se encuentra escaneando los canales para recibo de información. Los nodos encargados de transmitir lo hacen por ciclos de tiempo largos, con el fin de que la información

pueda ser recibida en el nodo destino. Es por esta razón que un punto importante en el funcionamiento de este protocolo es determinar el intervalo de monitoreo del canal, con el fin de no tener tiempos cortos que produzcan pérdidas de paquetes o tiempos largos que permitan consumos elevados de energía.

### **3.5. Herramientas y métricas para evaluación de redes de sensores inalámbricos.**

#### **3.5.1. TinyOS**

Esta herramienta es una de las más usadas para la simulación de redes de sensores inalámbricos, la cual fue desarrollada por la Universidad de California en Berkeley, es de código abierto, permitiendo mejoras en procesamiento y consumo energético de los nodos que hacen parte de la red [66].

Esta herramienta permite a través de su Kernel el desarrollo de procesos no críticos en el tiempo, denominados tareas y procesos de interrupción momentáneos, denominados eventos. Está basado en el lenguaje de programación NesC, una variante del lenguaje C para este sistema operativo [67].

Las tareas son realizadas por “componentes” y estos pueden ser primitivos (ya creados) o componentes nuevos que se generan a partir de los ya existentes. Estas pueden correr en plataformas de poca capacidad de procesamiento, en donde se pueden implementar funciones de bajo consumo energético

Por lo general, estos componentes están definidos para el hardware de las tarjetas MicaZ y TelosB, las cuales han sido desarrolladas en la Universidad de Berkeley.

### **3.5.2. Contiki**

Es un sistema operativo multitarea de código abierto para WSN, el cual fue creado por Adam Dunkels. Para operar requiere pocos Kilobytes de memoria RAM y ROM, lo cual lo hace bastante propicio para ser implementado en plataformas de bajo procesamiento. Basa su funcionamiento en eventos que se generan cada vez que se debe realizar una tarea, a través de la ejecución de simples algoritmos. Su nombre proviene de la famosa balsa del biólogo Thor Heyerdahl, denominada Kon-Tiki, la cual fue construida de materiales naturales y cuyo fin fue la de probar la migración de pobladores asiáticos a Suramérica. [68]

Implementa además el protocolo  $\mu$ IP, siendo esta una versión reducida del TCP/IP, la cual brinda soporte UDP; además de que actualmente soporta el protocolo IPV6 a través de una variación conocida como  $\mu$ IPv6 [69].

Su principal característica son los pocos recursos que requiere, funcionando con tan solo 2 KB de RAM y 40 KB de ROM. Es desarrollado en lenguaje C y utiliza la programación lineal (de hilos), la cual es de poco consumo. [70]

### **3.5.3. Berkely Low Power IP Stack (BLIP) [64]**

Para implementar el protocolo 6Lowpan sobre redes sensores existen varias técnicas. Desde el uso de archivos de código desarrollados que corren sobre procesadores, hasta el uso de herramientas que operan como complementos de ambientes de programación como TinyOS. Este último caso es el de BLIP, el cual es un set de protocolos IP que permiten implementar el multisalto (Ad-hoc) en redes IP de nodos inalámbricos. Actualmente BLIP no es un estándar o protocolo,

pero es de importante uso para poder la conexión de WSN basadas en TinyOS con redes IP.

Al implementar BLIP en los nodos de una WSN estos funcionan como routers que poseen la capacidad de toma de decisiones de enrutamiento para el envío de paquetes. Los nodos operan como una red aislada que puede tener conectividad hacia otras redes a través del nodo sumidero o Gateway. BLIP usa el estándar IEEE 802.15.4 para definir su unidad máxima de transferencia de datos, estando limitada a 100 octetos. Para comunicarse con las capas superiores utiliza el protocolo 6Lowpan, siendo la principal razón de uso para el desarrollo de este proyecto.

Entre las funciones que implementa BLIP se tiene la compresión de encabezados, fragmentación y reensamblado de paquetes y funciones para descubrir el vecino más cercano. [60]

Dentro de las plataformas soportadas por BLIP para la implementación de 6Lowpan se tiene la TelosB. Para esto, se posee soporte desde la web de TinyOS, lo que permite implementar preferiblemente desde un sistema operativo basado en Linux la configuración de esta herramienta.

#### **3.5.4. Wireshark [72]**

Esta es una herramienta de apoyo para el monitoreo de paquetes que circulan a través de una red de datos, el cual es de libre acceso, cuenta con soporte de mantenimiento y es de código abierto.

Esta herramienta puede interpretar más de 750 protocolos de red para posteriormente mostrarlos en un formato que sea de fácil interpretación del usuario. Permite el filtrado de paquetes a monitorear, su interfaz gráfica es de fácil uso, y para este proyecto es importante dado que muestra la temporización de paquetes, y en este caso, serían los asociados al protocolo 6Lowpan. Este software permite configuraciones por parte del usuario para optimizar el monitoreo de paquetes a realizar.

### **3.5.5. Capacidad del canal**

La capacidad del canal es una medida que es importante en cuanto al rendimiento de Redes Inalámbricas. Para el caso de 6lowpan, este es un parámetro que no depende directamente del protocolo, sino que está asociado a la capa 2, en donde el IEEE 802.15.4 define las características del medio y una velocidad máxima de 250 Kbps para el envío de información. Sin embargo, es afectado por el overhead introducido en cada nivel.

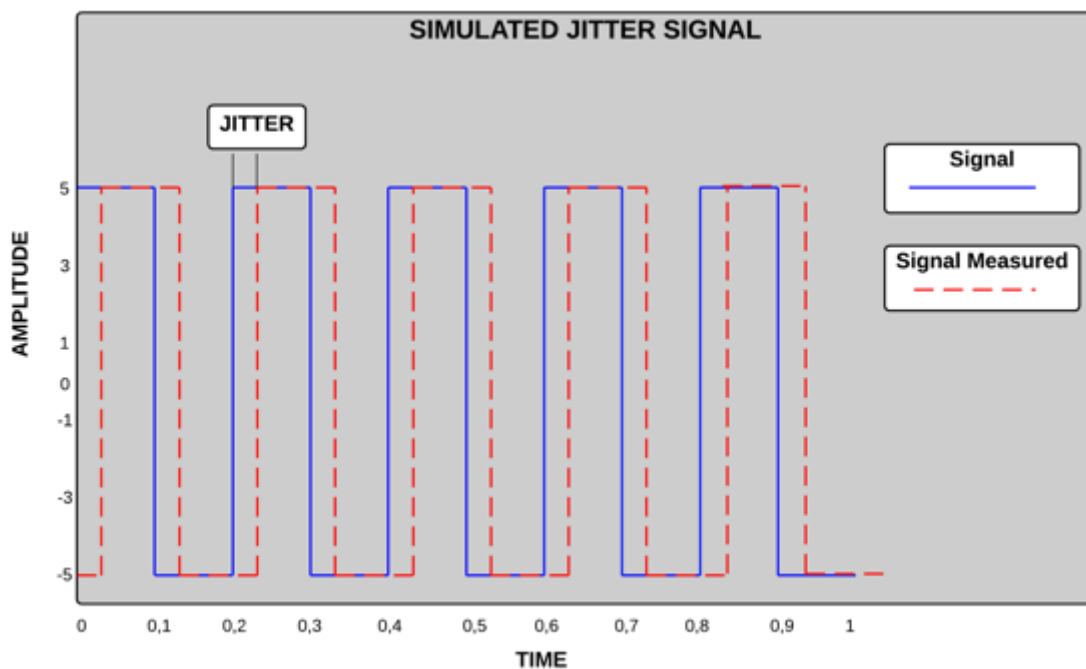
Este concepto está asociado a la cantidad de información que un canal de transmisión con un ancho de banda establecido puede transportar en presencia de ruido, es decir, de acuerdo a la relación señal a ruido.

### **3.5.6. Jitter**

Este término es muy usado para evaluar redes en cuanto errores que pueden producirse en la transmisión de datos. Básicamente hace referencia a fluctuaciones que se producen en la transmisión de bits cuando en el receptor, estos llegan antes o después del tiempo esperado. Esto causa errores de

interpretación en las señales recibidas. Su análisis es más que todo temporal en cuanto a los tiempos de envío y llegada de datos [76].

Esta fluctuación ocurre debido a distintos retrasos en la red de datos, principalmente asociadas a retardos de la cola dentro de la red. Los paquetes de un mismo flujo de datos pueden experimentar diferentes retrasos. Este problema suele ser corregido con la implementación de un “buffer jitter” el cual introduce un retardo general y permite corregir los errores en este aspecto. Sin embargo, es importante definir el tamaño del buffer dado que tiempos largos de retardo general afectan el rendimiento de la red. La figura 18, ejemplifica un caso típico de jitter, con la señal en azul original y la señal de color rojo en el receptor desfasada en el tiempo, debido a efectos de fluctuación de fase.



**Figura 18. Simulación de efecto Jitter en una señal [Autor].**

Así mismo, esta fluctuación puede ser interpretada como un desfase en los instantes de muestreo óptimo de una señal digital. [77] El jitter puede ser interpretado como unidades de intervalo "UI" que poseen un ancho del bit de datos, el cual es independiente de la tasa de bits transmitida [78].

### **3.5.7. Retardo de paquetes**

El retardo de paquetes está asociado a los tiempos que demora un paquete en llegar de un punto a otro en determinada red de datos. Este puede ser analizado de dos formas, ya sea unidireccional en un sentido o de envío y regreso [79].

Dentro de las causas que producen este retardo se tienen las asociadas al tiempo de procesamiento en el transmisor, en donde se hace referencia al tratamiento de la información en este punto. Otra causa es la relacionada al ensamblado de paquetes, esta suele darse en el receptor y va asociada a la organización del mensaje una vez se reciben todos los paquetes o tramas que lo conforman. Otro tipo de retardo que suele presentarse es el que se refiere al de transmisión y propagación en la red, donde en el primero se trata lo relacionado a la capacidad de transmisión en la red, teniéndose que este es definido por el tamaño de información a transmitir (B) en bits y la capacidad de la red (R) en bits/s como  $B/R$  expresado en segundos; el retardo de propagación en la red se asocia al que se produce por el tránsito de la información a través de los distintos medios y dispositivos que se encuentran en la red. El retardo de buffer es otro tipo de retraso temporal que debe analizarse, y es asociada al almacenamiento de la información en una memoria temporal cuando la información es procesada. Por último se tiene el retardo en el receptor que es generado debido al tiempo que demora se tiene al recuperar el mensaje original [80].

### 3.5.8. Ancho de banda disponible

El ancho de banda disponible hace referencia al ancho de banda efectivo de acuerdo a la cantidad de octetos que se envían a través de un canal, y este sería definido como:

$$BTC = \frac{DS}{ET} \text{ (3)}$$

donde,

*BTC* = Ancho de banda disponible (Bulk Transport Capacity)

*DS* = Datos efectivos enviados (Data Sent)

*ET* = Tiempo empleado en el envío de datos (Elapsed Time)

Esta métrica es definida por la IETF (Internet Engineering Task Force) en la RFC 3148 en donde se define como la "Bulk Transport Capacity" y establece sus unidades en bits por segundos (bps) [81] [82].

### 3.5.9. Throughput

Es la tasa promedio de mensajes efectivos entregados en un canal de comunicación en una determinada transferencia de información. Puede ser expresado en bps (bits por segundos), Bps (Bytes por segundo) o Pps (Paquetes por segundos) [83].



Como en casos anteriores, al ser 6Lowpan un protocolo de capa 3 de direccionamiento este es soportado por el estándar IEEE 802.15.4 el throughput está limitado a 250Kbps, que es la máxima tasa de datos que puede soportar [84].

### **3.5.10. Round Trip Delay Time.**

Este es conocido como el tiempo transcurrido en el que un paquete de prueba viaja del transmisor al receptor y regresa nuevamente al primero. En dicho proceso el transmisor envía un paquete el cual es recibido por el receptor y es devuelto a través de un ACK al transmisor. [85] Esto implica además que se tenga en cuenta el tiempo de procesamiento del paquete en el receptor, y dado el caso, en el Gateway, dependiendo de la infraestructura y topología de la red. Este protocolo es muy usado para verificar además del retardo de la red, la confiabilidad de entrega de paquetes en una red determinada [86].

Una manera adecuada de obtener el Round Trip Time es monitoreando un paquete en su ida y regreso, para lo que el comando Ping6 es una herramienta válida en este caso en particular del proyecto. Esta herramienta permite obtener el tiempo de ida y regreso de un paquete que se envía, en donde se puede medir la calidad de servicio de la red [87].

## **4. REVISIÓN DE LA BIBLIOGRAFÍA ACTUAL RELACIONADA A 6LOWPAN**

### **4.1. Protocolo IPV6 aplicado a redes de sensores inalámbricos (6Lowpan)**

Las redes de sensores inalámbricos se han utilizado a lo largo de los últimos años para aplicaciones de monitoreo y detección como se detalló anteriormente en la figura 4. Dentro de los sectores de aplicación se tienen los militares, agrícolas, ambientales y urbanos [38] [88].

En la actualidad existen muchos protocolos que se usan para mejorar el rendimiento de las WSN, los cuales se desempeñan en los sectores descritos anteriormente. En particular, uno que tiene poco tiempo de implementación en los nodos, es el concerniente al IPv6. Para poder implementar este protocolo se hizo necesario generar uno específico para las WSN, el cual permite optimizar la integración de nodos con dispositivos externos que manejen esquemas de direccionamiento de red IPv4 o IPv6; esta situación no se podía realizar directamente con otros estándares de no existir un equipo mediador entre el nodo y el otro dispositivo externo [89].

Para llevar a cabo la adaptación del protocolo IPv6 se desarrolló 6Lowpan (Low-Power Wireless Personal Area Networks), el cual permite la implementación del primero en una WSN con esquemas de direccionamiento adecuados y reducidos en cuanto a la cabecera. Este protocolo ha contribuido a solucionar el problema de direccionamiento que implicaba el protocolo IPv6, debido a la gran longitud de datos, incluyendo como mejoras una compresión en el encabezado del mensaje. Dentro de las investigaciones actuales que se están llevando a cabo en las redes WSN basadas en 6Lowpan, se tienen las desarrolladas por la Universidad de Beijing, relacionadas a la interoperabilidad de este protocolo basado en aplicaciones WEB, con miras a implementarlos sobre una plataforma de hardware específica [90].

Algunas investigaciones se han enfocado en la revisión de pilas de protocolos sobre 6Lowpan, como el desarrollado en la universidad de Blaise Pascal en

Francia en conjunto con el Harbin Institute of Technology, en donde se realiza una comparación de este protocolo implementado en distintas plataformas de desarrollo de hardware y software como son TinyOS2.x, Contiki, y Jennic Companies [60].

Dentro de las aplicaciones militares se tiene una desarrollada por la Korea Advanced Institute Of Science and Technology abordando el tema de tácticas militares, describiendo la arquitectura de 6Lowpan enfocada a una WSN en áreas amplias con nodos ubicados aleatoriamente. En este trabajo se detalla la arquitectura que se emplea para 6Lowpan en la aplicación específica [91].

Otras investigaciones han estado relacionadas con aplicaciones concretas de las WSN con base en este protocolo en el campo de la agricultura de precisión, como el trabajo expuesto en Malasia en la International Conference de la IEEE Information Networking (ICOIN), 2011, en donde se aborda esta temática para evaluar el rendimiento de la una WSN con el protocolo 6Lowpan [92].

Otros estudios han estado concretados a implementar el protocolo 6Lowpan en escenarios de redes NEMO (Network Mobility) para compararlo con otros protocolos en aspectos como rendimientos de latencia en el tiempo de envío de información de los sensores y el consumo energético. Estos estudios se han desarrollado por la Chongqing University de China [93].

Problemas relacionados a la congestión en WSN y los mecanismos aplicables al protocolo 6Lowpan [94], pilas de protocolos para seguridad en redes 6lowpan para conexiones punto a punto [95], aplicaciones de WSN en hospitales con ambientes de movilidad [96] y temáticas en cuanto al consumo de energía en los nodos [97] son otros aspectos que se han investigado en los últimos años con relación a este tema.

Para la implementación del protocolo y su evaluación existen trabajos relacionados a la temática como los descritos por el Doctor Alejandro Cama Pinto, uno enfocado a la agricultura de precisión en donde utilizan la placa TelosB para implementar el protocolo 6Lowpan y enrutamiento RPL en el hardware y como plataforma de software TinyOS; este sistema se complementa con un aplicación en Android, y con sensores de suelo con el fin de monitorear granjas de cultivo. La WSN también cuenta con el protocolo LPL con el fin de evaluar el consumo energético del sistema, siendo favorable con este implementado. En este trabajo se utilizan intervalos de tiempo de 512 ms, 1024 ms y 2048 ms para evaluar el consumo energético, alcanzándose años de uso de la batería con este último intervalo [98]. El otro trabajo desarrollado por Alejandro Cama Pinto es el encaminado a la medición del ciclo de carbono en la selva amazónica peruana, en donde se propone desplegar una WSN, dada las condiciones ambientales del sitio a monitorear; para esto se hace uso de las placas TelosB como plataforma para los nodos sensores y se aplica el protocolo 6Lowpan, RPL y LPL para direccionamiento, enrutamiento y ahorro energético, respectivamente. En este trabajo se verifican valores de consumo energético de los nodos de la WSN a través de tiempos de activación de LPL de 512 ms, 1024 ms y 2048 ms [99].

Otras aplicaciones que se han desarrollado con el uso de las TelosB y 6Lowpan se enfocan a redes de monitoreo sin intervención de usuarios, las cuales a través de Contiki y comandos se pueden generar solicitudes de los sensores para supervisar la WSN [100].

Otros trabajos se han enfocado a medir el rendimiento de plataformas de comunicaciones, en donde se han comparado placas tales como Libelium Waspote, TelosB, Arduino con módulos Xbee, MicaZ y iMote2; En estas motas se verificó las capacidades de envío y recepción de mensajes para evaluar el

payload de paquetes con relación al tiempo y evaluar el Throughput por cada plataforma [101]. Otros resultados encontrados se enfocan a medir el rendimiento de protocolos de capa 2 con el objetivo de poder estimar el consumo energético en el tiempo, el retardo de paquetes y el radio de entrega de datos y así estimar condiciones óptimas de operación [102]. También en investigaciones similares a la anterior miden ciclo de trabajo, latencia y entrega de paquetes, a través del uso de plataformas como CONTIKI [103]. También se han hecho trabajo con este software para simular por medio de la TelosB el rendimiento del protocolo RPL a través del consumo energético y el número de saltos para llegar a un nodo sumidero [104].

El uso de la herramienta TinyOS con TelosB se ve reflejado en investigaciones que se encaminaron a evaluar el rendimiento de 6Lowpan en redes con escenarios con movilidad de nodos sensores y Smart Grid, midiendo el rendimiento a través de niveles de RRSI, tasa de paquetes perdidos y Round Trip Times. Esto usando herramientas como Wireshark para la captura de información [105]. Este tipo de desarrollos puede ser usado para redes de monitoreo corporal (BAN – Body Area Networks) con el fin de medir el estado del paciente a través de sensores integrados a su cuerpo para un posterior análisis un en centro base por un médico [106].

Desarrollos similares han propuesto el uso de 6lowpan para aplicaciones web y establecer el rendimiento de la red propuesta. Para esto evalúan aspectos como fallas de transmisión, los tiempos de solicitud y respuesta y el comportamiento de los nodos de acuerdo al número de saltos realizados en función del tiempo [107]. También se encuentran trabajos más profundos enfocados a calidad del enlace a través de técnicas de control difuso en donde para evaluar los resultados se realizan comparaciones de calidad de enlace, niveles de RSSI y de relación señal a ruido, contrastadas con la relación de paquetes recibidos [108].

Lo anteriormente descrito, indica que el uso de la plataforma TelosB en conjunto con TinyOS para la implementación del protocolo 6Lowpan es un escenario idóneo. Además que la aplicación de protocolos como RPL y LPL son un factor de incidencia en el rendimiento del envío de paquetes.

#### **4.2. Aplicaciones de 6Lowpan en el entorno nacional colombiano.**

En el contexto Colombiano la aplicación de 6Lowpan no es un tema muy explorado, más sin embargo en los últimos años han aparecido investigaciones relacionadas con esta temática.

Existen trabajos como el de la Universidad del Valle en donde mediante la plataforma de hardware AV RAVEN implementaron 6lowpan para aplicaciones agrícolas mediante el uso de Contiki como plataforma de software [109]. Con esta misma plataforma de software a través de la herramienta cooja se han elaborado trabajos desde la universidad Distrital en donde se ha aplicado una simulación enfocada al problema de movilidad en la ciudad de Bogotá [110].

En la Universidad de la Costa se vienen adelantando esfuerzos en este tema también a través de investigaciones recientes realizadas por docentes, en donde se está fortaleciendo el tema aplicado a monitoreo ambiental y agrícola [98] [99]. También en jornadas de actualización científica de la Maestría en Ingeniería de la Universidad Tecnológica de Bolívar se han realizado socializaciones sobre la aplicación de este protocolo.

En la Tabla 3 a continuación se hace un resumen de los trabajos registrados en la plataforma CVLAC por los investigadores del país:

**Tabla 3. Investigaciones más relevantes enfocadas a 6Lowpan realizadas en Colombia [Autor].**

| INVESTIGADOR                         | PRODUCTO    | TEMÁTICA   |
|--------------------------------------|-------------|--|
| <b>Alejandro Cama Pinto</b>          | Artículo    | Wireless surveillance system for greenhouse crops  |
|                                      | Artículo    | Integration of communication technologies in sensor networks for monitoring the Amazon environment   |
|                                      | Artículo    | A monitoring system for intensive agriculture based on mesh networks and the android system  |
|                                      | Artículo    | 6LoWSofT: A software suite for the design of outdoor environmental measurements  |
|                                      | Artículo    | Las redes de sensores inalámbricos y el Internet de las cosas  |
| <b>Gabriel Dario Piñeres Espitia</b> | Conferencia | Estudio del protocolo 6lowpan en una red de sensores inalámbricos para un sistema de alertas tempranas (SAT) aplicado a un arroyo de barranquilla  |
|                                      | Conferencia | Implementación del protocolo 6Lowpan sobre una plataforma de Hardware y Software libre para proponer mejoras en el rendimiento de una Red de Sensores Inalámbricos aplicada a la medición de variables ambientales |

| INVESTIGADOR                          | PRODUCTO | TEMÁTICA  |
|---------------------------------------|----------|---|
| <b>Jorge Eduardo Higuera Portilla</b> | Artículo | IEEE 1451 standard in 6LoWPAN sensor networks using a compact physical transducer electronic data sheet                     |
| <b>Carlos Iván Camargo Bareño</b>     | Artículo | Diseño de una red de sensores inalámbricos usando el protocolo 6lowpan  |
| <b>Juan Felipe Corsio Arias</b>       | Artículo | Consideraciones en el Uso de Sensores Inalámbricos Industriales   |
| <b>José David Celys Callejas</b>      | Artículo | Implementacion del estandar 6lowpan en una red inalambrica para el monitoreo de variables ambientales en la huerta asograng |

Las investigaciones descritas en la Tabla 3 se han desarrollado desde Instituciones tales como la Universidad de la Costa, La Universidad Tecnológica de Bolívar, la Universidad Industrial de Santander y La Universidad Nacional.



## **CAPÍTULO 3. METODOLOGÍA DE INVESTIGACIÓN**

### **1. INTRODUCCIÓN**

Este capítulo se enfoca en los principales aspectos metodológicos a tratar para el desarrollo de esta investigación, destacando el uso de modelos de gestión de proyectos basados en estándares PMP (Project Management Professional) para el planteamiento de las actividades con el fin de obtener los resultados propuestos.

Se describen las técnicas aplicadas para la caracterización del hardware a utilizar con el fin de poder determinar las necesidades que debe tener un nodo sensor o mota de una WSN. Se detallan las herramientas de hardware y software que se utilizaron en esta investigación, esbozando cada una de estas y su aplicación en el proyecto.

Dentro de las técnicas descritas para la metodología aplicada se destacan las enfocadas a Work Breakdown Structure (WBS – Estructura de descomposición de trabajo) [111], como el modelo general a seguir dentro de la investigación. Sin embargo, para la caracterización del hardware se aplicaron metodologías como la TOP-DOWN para esbozar los requerimientos del equipo a utilizar.

Principalmente las herramientas usadas se enfocan a tarjetas de hardware abierto y herramientas de software de código abierto, no licenciados, que permiten su uso libre y son de gran aceptación a nivel mundial. Estas ya han sido descritas en el capítulo 2 en donde se evidencia su uso actual para este tipo de investigaciones.

### **2. METODOLOGÍA PARA EL DESARROLLO DEL PROYECTO**

Como se mencionó la metodología usada para el desarrollo de esta investigación se basó en el modelo WSB, en donde para determinar los alcances de un proyecto se desglosa en fases, actividades y metas o entregables. Esta descomposición permite tener indicadores de cumplimiento, así como describir en tiempo o esfuerzos cada una de las actividades. [112]

Para el desarrollo de este proyecto se han planteado 4 fases acordes a los objetivos específicos, que permiten el alcance del objetivo general. Estas fases describen las actividades que se ejecutaron en la presente investigación.

A continuación en la tabla 4, se describen las fases del proyecto con las actividades planteadas para cada una de ellas.

**Tabla 4. Metodología para el desarrollo del proyecto [Autor].**

| <b>EVALUACION DEL RENDIMIENTO DEL PROTOCOLO 6LOWPAN SOBRE UNA PLATAFORMA DE HARDWARE Y SOFTWARE LIBRE</b>    |  |
|--|--|
| <b>FASE</b>  | <b>ACTIVIDADES</b>   |
| Diseñar una WSN basada en una plataforma de hardware y software libre para implementar el protocolo 6Lowpan. | Realizar una revisión actual de la literatura sobre las arquitectura de hardware y software libres aplicadas en de las Redes de Sensores Inalámbricos. |
|  | Realizar una revisión del estado actual de la literatura con relación al protocolo 6Lowpan y su arquitectura en WSN.                                   |

**EVALUACION DEL RENDIMIENTO DEL PROTOCOLO 6LOWPAN SOBRE UNA PLATAFORMA DE HARDWARE Y SOFTWARE LIBRE**

| FASE  | ACTIVIDADES  |
|---|--|
|   | <p>Determinar los requerimientos en cuanto a plataformas tecnológicas, módulos de comunicaciones y entorno de software para la WSN.</p> <p>Seleccionar una plataforma de hardware y un entorno de programación libre para la WSN.</p> <p>Proponer un prototipo de WSN que permita la implementación del protocolo 6Lowpan.</p>   |
| <p>Implementar el protocolo 6Lowpan sobre una plataforma de hardware y software libre para los nodos de la WSN.</p> | <p>Revisar la literatura actual con relación a la implementación del protocolo 6Lowpan en la plataforma tecnológica seleccionada.</p> <p>Caracterizar los requisitos que permitan implementar el protocolo 6Lowpan en un nodo de una WSN.</p> <p>Instalar el entorno de programación para la configuración de un nodo de la WSN</p> <p>Implementar el protocolo 6Lowpan en todos los nodos de la WSN.</p> <p>Configurar el direccionamiento de la red en cada uno de los dispositivos de la WSN.</p> <p>Realizar pruebas de conectividad entre los dispositivos de la WSN.</p> |

| <b>EVALUACION DEL RENDIMIENTO DEL PROTOCOLO 6LOWPAN SOBRE UNA PLATAFORMA DE HARDWARE Y SOFTWARE LIBRE</b>            |   |
|--|---|
| <b>FASE</b>  | <b>ACTIVIDADES</b>  |
| Evaluar el rendimiento del protocolo 6Lowpan en una WSN desarrollada con la plataforma de hardware y software libre. | Realizar pruebas de transmisión con direccionamiento estático.  |
|  | Realizar pruebas de transmisión con direccionamiento dinámico por medio de la aplicación del protocolo RPL. |
|  | Realizar pruebas de transmisión con aplicación del protocolo LPL en diferentes valores de hibernación       |
|  | Realizar cálculo de métricas para evaluación de la WSN.   |
|  | Desarrollar documentación y entrega de productos  |

### **3. IMPLEMENTACIÓN DEL PROTOCOLO 6LOWPAN SOBRE UNA PLATAFORMA DE HARDWARE Y SOFTWARE LIBRE PARA EVALUAR EL RENDIMIENTO DE UNA RED DE SENSORES INALÁMBRICOS**

En esta sección, se describe el desarrollo de cada una de las fases planteadas en la tabla 4, mostrando el desarrollo de la investigación y cómo se llevaron a cabo las principales actividades planteadas con anterioridad.

### **3.1. Diseño de una Red de Sensores inalámbricos basada en una plataforma de hardware y software libre para implementar el protocolo 6Lowpan**

En esta fase del proyecto se definieron los aspectos relevantes para la ejecución de esta investigación, como son la selección de la plataforma de hardware libre a utilizar y el entorno de programación escogido, para finalmente plantear una red de sensores para implementar el protocolo 6Lowpan.

Inicialmente en esta fase se realizó una revisión de la literatura actual, la cual fue documentada en el capítulo 2, junto con el marco teórico. De esta es destacable que el protocolo 6Lowpan es una tendencia de relevancia en estos tiempos que está permitiendo el desarrollo de temáticas como el internet de las cosas (Iot) y ciudades inteligentes (Smarts Cities), integrando el mundo IP con los objetos y variables ambientales, a través del monitoreo de señales. Además se evidencia que en el contexto nacional no existen grandes desarrollos investigativos en este protocolo por lo que puede ser una gran oportunidad para la Región Caribe colombiana y el país en general.

Dentro de las arquitecturas de hardware que comúnmente se usan se revisaron la TelosB, Arduino y la placa Libelium, sin desconocer que existen otras plataformas que pueden ser usadas para el desarrollo de esta investigación. Igualmente se revisaron entornos de programación para la adaptación del protocolo 6lowpan, en donde los de mayor uso son Contiki y TinyOS. Estos operan bajo el sistema operativo Linux, al ser de software libre, encontrándose bastante información de su implementación principalmente con la distribución de Ubuntu.

En cuanto a los requerimientos de hardware y software para el diseño de la WSN, el principal aspecto a considerar es que fueran plataformas de uso libre. Esto con la finalidad de poder realizar desarrollos experimentales y modificar el

funcionamiento de las placas, de ser requerido, para poder implementar el protocolo 6Lowpan. Sin embargo, para la caracterización del hardware se deben cumplir ciertos requisitos mínimos, destacándose los siguientes:

- ✓ Se tendrán “nodos terminales” los cuales deben ser de características de procesamiento de datos aceptables para la ejecución del protocolo, que sean de configuración sencilla y lo más autónomos posibles.
- ✓ La terminal debe permitir la modificación de la capa 3 con el fin de implementar 6Lowpan y demás protocolos que permitan mejorar el rendimiento de la WSN.
- ✓ Aunque en esta investigación no se realizarán medidas de variables, las plataformas deben tener la posibilidad de adquisición de señales análogas y digitales así como salidas que permitan realizar cualquier acción de acuerdo a la configuración del hardware.
- ✓ La plataforma debe poseer o permitir acoplar un módulo de comunicación que permita la implementación de 6lowpan, por consiguiente dicho módulo debe tener como mínimo el protocolo IEEE 802.15.4 en las capas inferiores (capa 2).
- ✓ El lenguaje de programación de la plataforma debe ser de fácil entendimiento con el fin de evitar retrasos ocasionados por el aprendizaje del mismo en lo posible del caso.
- ✓ La plataforma debe permitir una fácil integración con entornos de programación para la configuración y gestión de la WSN con 6lowpan.
- ✓ Preferiblemente la plataforma debe ser de bajo costo y de fácil disponibilidad comercial, con el fin de evitar de que sea una limitante durante la investigación.

Con base en esta información inicial y la consignada en la revisión de la literatura actual, es posible definir un primer modelo del sistema a través de un diagrama de

bloques que describirá el funcionamiento general de una plataforma, la cual se muestra en la figura 19.



Figura 19. Diagrama de bloques para un nodo sensor [Autor].

Para este diagrama de bloques descrito en la figura 19 se evidencian las siguientes consideraciones:

**Entradas y salidas del sistema:** Para las entradas y salidas del sistema se usarán paquetes de datos generados por el comando Ping6. Estos paquetes manejan tamaños usuales de 64 Bytes. Para el experimento a realizar los paquetes se variarán a 1133 Bytes (máximo paquete soportado). Estos paquetes Ping6 serán recibidos como señales eléctricas transmitidas por las motas TelosB a 0 dBm de potencia y recibidos entre los 2400 MHz a 2483.5 MHz de frecuencia con una potencia no menor a -90dBm; además con un consumo de corriente eléctrica de 23mA y un voltage mínimo en el módulo RF de 2,1V. Estos datos son obtenidos por la hoja de datos del hardware utilizado.

**Terminal de adquisición de datos:** Estas poseen, de acuerdo al tipo de plataforma, opciones de sistemas de calibración a través de elementos que permitan obtener una medida lo más exacta posible. Esto se logra con una unidad lógica o de procesamiento, que sería un PIC o un microcontrolador. Este además es de bajo procesamiento, aunque en la actualidad existen plataformas como las Raspberry PI que poseen procesadores de altas prestaciones. La plataforma además permite la implementación de librerías y configuraciones que permiten adicionar funciones especiales. La información puede ser almacenada a través de buffers con el fin de ser transmitida posteriormente.

**Módulo de comunicaciones:** En esta parte se hace necesario determinar en primera instancia una tecnología que sea adecuada para la comunicación de las terminales de adquisición de datos. Además de esto escoger los protocolos adecuados para la comunicación de dos terminales. En este caso la plataforma más adecuada es la IEEE 802.15.4, aunque existen módulos comerciales que actualmente implementan librerías que ya poseen el protocolo 6Lowpan, como es el caso de las placas Libelium con la Waspmote Pro.

**Sistema de alimentación.** El sistema debe ser bajo de consumo, dado que como se ha mencionado en el capítulo 2, las WSN son susceptibles al tema de consumo energético de sus nodos cuando están funcionales. De manera ideal se debe considerar poder implementar un sistema de recolección de energía, como los basados en energy harvesting. Por lo general las placas trabajan a voltajes que oscilan entre los 3 – 12 V, y su consumo en cuanto a corriente es bastante limitado, aunque de acuerdo a la cantidad de sensores pueden llegar a ser de algunos miliamperios/hora

Para la selección de la plataforma de hardware a utilizar fue importante definir como primera opción el bajo costo y fácil adquisición, por lo que inicialmente se pensó en Arduino, junto con el módulo Digi Xbee S1 como principal herramienta para el desarrollo de esta investigación. Esta herramienta presentó inconvenientes



con la implementación del protocolo 6lowpan, debido a que no es común su uso en entornos como TinyOS o Contiki, lo que dificultó llevar a cabo el objetivo general. Además es poca la información que se encuentra disponible para soporte investigativo y de soluciones a inconvenientes que se presentan en el proyecto.

Una comparación de tres plataformas que soportan el protocolo 6Lowpan se realiza a continuación en la Tabla 5.

**Tabla 5. Comparación plataformas para implementación de 6Lowpan**

| Características  | ARDUINO + XBEE                  | WASPMOTE Mote Runner+ XBEE                  | TELOSB           |
|------------------|---------------------------------|---|------------------|
| V in             | 5V                              | 5V  | 3V               |
| PROCESADOR       | ATmega2560                      | ATmega1281                                  | TI MSP430F1611   |
| MEMORIA RAM      | 8KB                             | 8KB   | 10KB             |
| MEMORIA FLASH    | 256KB                           | 128KB                                       | 1MB              |
| LENGUAJE         | Processing<br>(Derivado de C)   | C / JAVA                                    | C                |
| PROTOCOLO MAC    | IEEE 802.15.4                   | IEEE 802.15.4                               | IEEE 802.15.4    |
| CHIPSET RF       | Digi - Xbee S1                  | Radio 6lowpan<br>(AT86RF231 /<br>AT86RF212) | CC2420           |
| TASA DE TATOS RF | 256KB                           | 256KB                                       | 250 KB           |
| POTENCIA TX      | 0dBm                            | 3dBm / 10dBm                                | 0dBm             |
| RSSI LEVEL       | - 92dBm                         | - 101dBm / -110dBm                          | - 90dBm          |
| FRECUENCIA       | 2,4GHz                          | 2,4GHz / 868MHZ                             | 2,4GHz           |
| PRECIO U\$       | 140                             | 192   | 100              |
| 6LOWPAN          | NO                              | SI  | SI               |
| OS WSN           | Contiki (Desarrollo particular) | Mote Runner (Propietario)                   | Contiki / TinyOS |

Con relación a la placa Waspote mote runner de Libelium esta trabaja junto con un módulo de específico para 6Lowpan. Este módulo fue puesto en el mercado hace un año aproximadamente, por lo que son pocas las fuentes de información

de su uso con este protocolo. Por esto se optó por la plataforma TelosB, que aunque no es comercial en Colombia, al igual que la Waspote Mote Runner de Libelium, y eso dificulta su uso, posee documentación necesaria y amplio bagaje para la implementación del protocolo 6lowpan a través de plataformas de software libre.

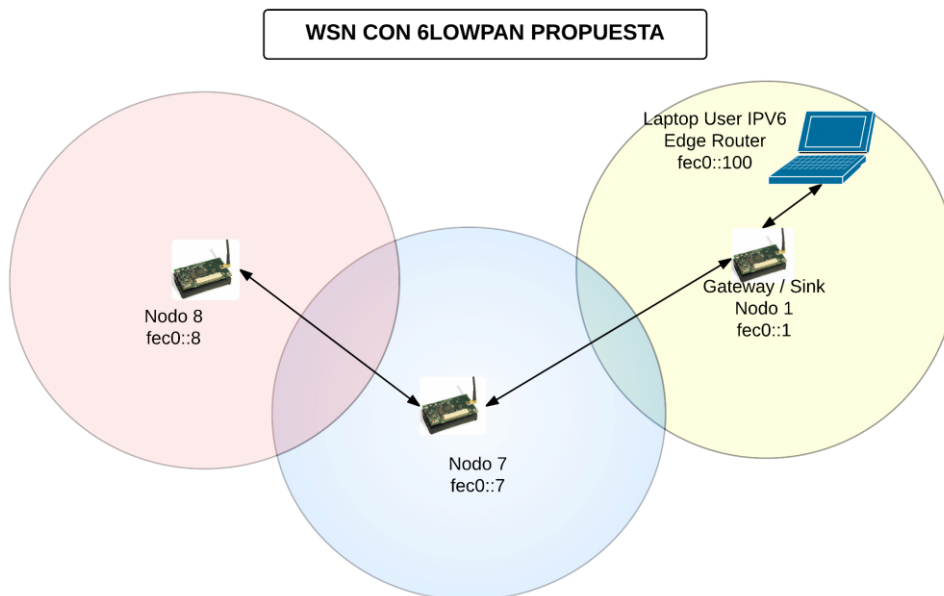
Es por esto que como uno de los principales requisitos se tuvo en cuenta que la plataforma además de que fuera factible adquirirla, además se pudiera acoplar con los entornos de programación mayormente usados. Esto fue determinante en la elección de la TelosB como herramienta de hardware para el desarrollo del proyecto. Aunque, como se mencionó, la plataforma no se consigue comercialmente en Colombia, se pudo contar con el hardware, el cual tiene entre otras ventajas, su amplio uso para desarrollo y evaluación de protocolos, utiliza el estándar de comunicación IEEE 802.15.4 y se cuenta con suficiente soporte de información para poder realizar la implementación del protocolo 6Lowpan. Esta herramienta además permite ser configurada por el entorno TinyOS, a través del cual se puede realizar el establecimiento del estándar 6lowpan y de otros protocolos como BLIP y LPL, descritos en el capítulo 2, y usar paquetes como PING6 que son importantes para verificar conectividad entre dispositivos.

El software seleccionado fue TinyOS dada su integración con la TelosB, además de que el entorno tiene amplio soporte de información que permite solucionar aspectos relacionados a la configuración de las motas e implementación de los protocolos que se usaron en el proyecto, tales como BLIP, RPL y LPL. Este además permite una rápida instalación en la distribución Ubuntu y la configuración del hardware es bastante sencilla una vez se tengan conocimientos adecuados en Linux y programación en C.

Para el diseño de la red se tuvo en cuenta principalmente el número de dispositivos con los que se contaba y que se relacionan a continuación

- ✓ Tres motas TelosB
- ✓ Un PC Linux con Ubuntu 14.01 instalado
- ✓ TinyOS instalado sobre Ubuntu 14.01
- Wireshark instalado sobre Ubuntu 14.01

Con base en la disponibilidad del hardware se construyó una red conformada por tres nodos, en la cual uno opera como sumidero (Gateway) conectado a un PC con TinyOS y dos nodos ubicados de modo tal que no exista comunicación entre el nodo más lejano y el sumidero (dos saltos). Para esto, se realizó la siguiente configuración de la red que se muestra en la topología de la figura 20.



**Figura 20. Red de sensores inalámbrica propuesta para implementación del protocolo 6Lowpan [Autor].**

Para este esquema de direccionamiento se usa una versión resumida del 6Lowpan, indicando que se tiene una red compuesta por tres motas TelosB con las siguientes direcciones:

- ✓ FEC0::1 para el nodo 1 o sumidero
- ✓ FEC0::7 para el nodo 7
- ✓ FEC0::8 para el nodo 8
- ✓ FEC0::100 para el Edge Router o PC donde se conecta la el nodo sumidero



**Figura 21. Mota sumidero o Gateway conectada al Edge Router [Autor].**

Esta red cuenta con un PC mostrado en la figura 21, el cual se servirá de monitor para el envío de paquetes de prueba haciendo uso del comando Ping6, con el fin de verificar la conectividad entre los dispositivos y posteriormente evaluar por medio de métricas, el rendimiento con la herramienta Wireshark para la captura de paquetes. Esta red está configurada con direccionamiento estático inicialmente, pero posteriormente se implementará el direccionamiento dinámico (RPL); además

se le incorporó el protocolo LPL con una variación en los tiempos de escaneo de canal, para analizar el comportamiento de la red bajo el protocolo 6Lowpan. Inicialmente el escaneo de canal es de 0 (cero) para este LPL, y esta se varió a 512 ms y 1024 ms.

Sobre la red de la Figura 20, en la topología realizada el envío de paquetes del nodo 8 al sumidero y viceversa se realizará a través del nodo 7, sin importar el tipo de enrutamiento configurado. Para esto se garantiza que no exista línea de vista ni conectividad directa entre el sumidero y el nodo 8.

### **3.2. Implementación del protocolo 6Lowpan**

En esta fase se implementa el protocolo 6Lowpan sobre la plataforma TelosB, utilizando el software TinyOS. Para esto, se hizo uso del soporte relacionado al set de protocolos de BLIP, que permite la implementación de 6Lowpan sobre el hardware seleccionado, el cual usa el chip de radio CC2420 de Texas Instrument.

Para la implementación de BLIP se preparó inicialmente un equipo con sistema operativo Linux, con distribución de Ubuntu 14.01, sobre la cual se instaló el entorno de Programación TinyOS desde el repositorio: **<[http://tinyos.stanford.edu/tinyos/dists/ubuntu\\_lucid main](http://tinyos.stanford.edu/tinyos/dists/ubuntu_lucid_main)>**.

Una vez instalado el TinyOS sobre el equipo de cómputo se procedió con la implementación del set de protocolos de BLIP, siguiendo el instructivo consignado en la página de esta herramienta, en donde inicialmente se configuró la mota conectada al PC que operará como gateway y luego las restantes que funcionarán

como nodos en la topología. Aunque este procedimiento no es relevante se considera importante para llevar un orden lógico al respecto.

Para este caso en particular se realizó la implementación de BLIP 2.0, en donde como primera medida, se instaló la aplicación PppRouterC. Esta aplicación permite que se establezca la comunicación entre el puerto serial que se usó para la configuración de las motas. Para ejecutar su compilación se realizan las siguientes instrucciones de comando:

```
$ cd $TOSROOT/apps/PppRouter  
$ make telosb blip
```

Este además permite que se pueda establecer la transmisión de paquetes 6lowpan a través del estándar IEEE 802.15.4 con la mota conectada, lo que hace viable la comunicación con otras redes a través del PC; para este caso operaría como un dispositivo tipo Edge Router (puerta de enlace).

Las motas TelosB inicialmente se encuentran sin ningún software instalado, por lo que se debe cargarles la configuración de BLIP para la asignación del direccionamiento. Sobre la mota 1, se cargará la dirección fec0::1 a través de la aplicación UDPEcho, mediante la ejecución de la siguiente línea de comando.

```
$ cd $TOSROOT/apps/UDPEcho  
$ make telosb blip install.1 bsl,/dev/ttyUSB1
```

Para este caso se trabajó con enrutamiento estático, es decir, la transmisión de la información de las motas en esta parte de la red se realizará a través de una ruta establecida para cada nodo.

El direccionamiento que se instala por default sobre estas motas es el correspondientes a "IN6\_PREFIX", el cual instala sobre las motas un esquema con prefijo "fec0::/64", por lo que la mota cambiará la dirección de acuerdo al ID que se requiera.

Para comprender el proceso de instalación de BLIP 2.0 en las motas TelosB se muestra en la figura 22 un diagrama de flujo con la configuración para las motas TelosB.

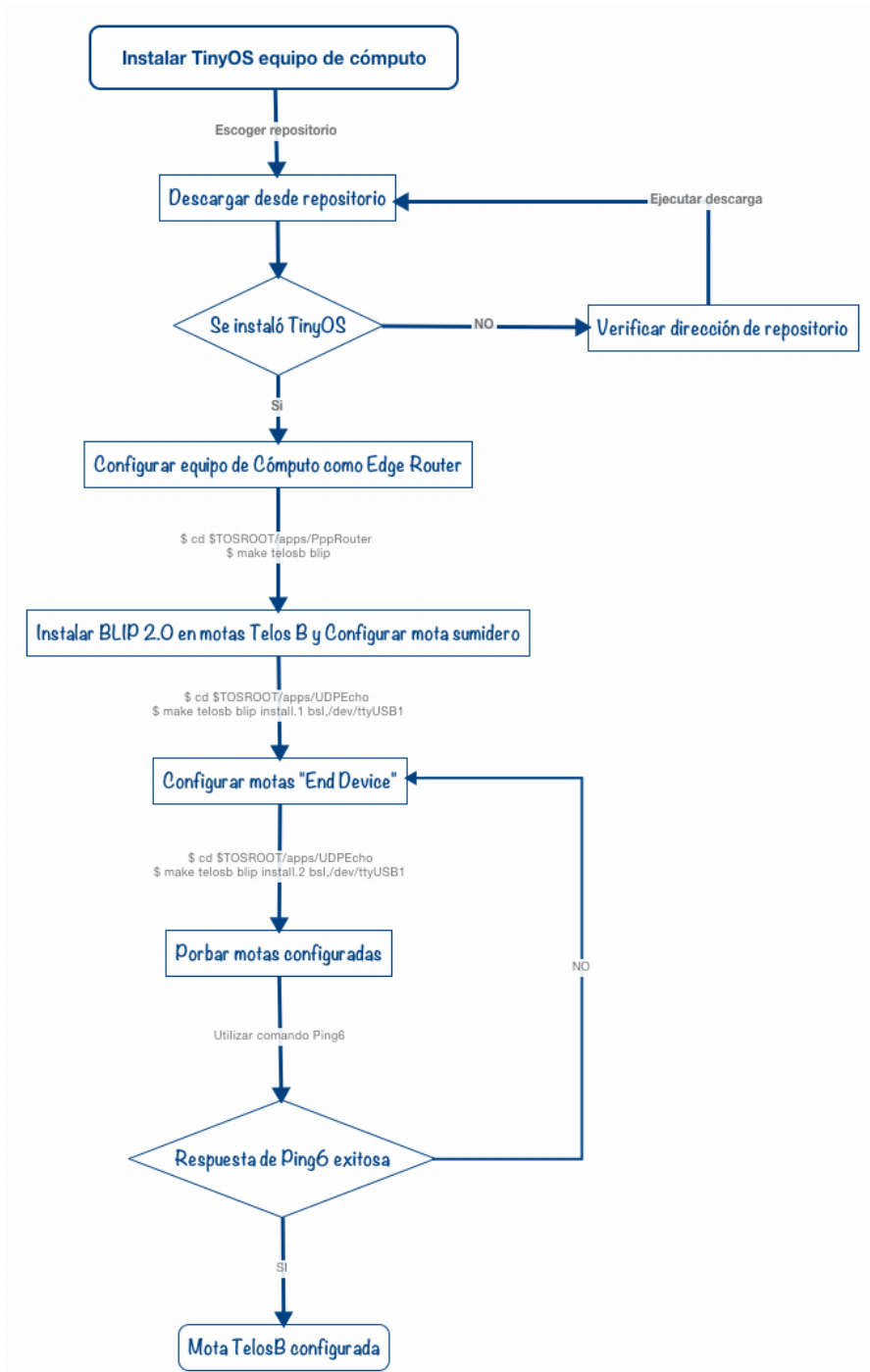
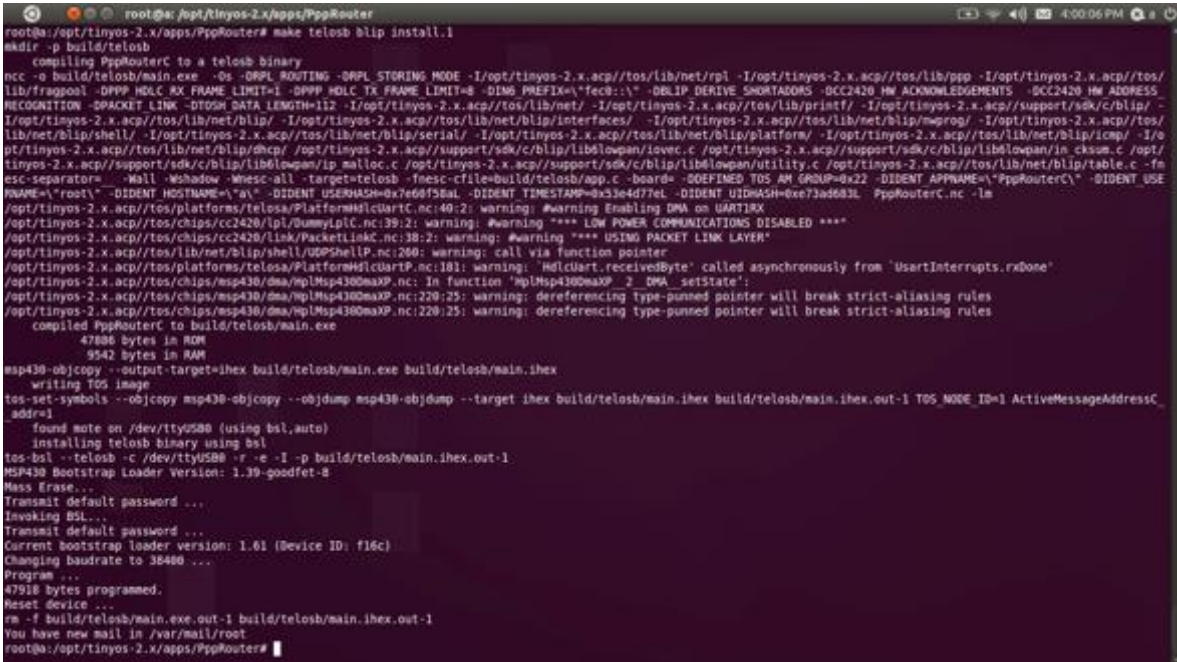


Figura 22. Pasos lógicos para la implementación de BLIP 2.0 sobre las motas TelosB [Autor]



En la figura 23 se muestra la carga de imagen y de direccionamiento sobre la mota con ID 1, como ejemplo.



```
root@:/opt/tinyos-2.x/apps/PppRouter# make telosb blip install.1
mkdir -p build/telosb
  compiling PppRouterC to a telosb binary
gcc -o build/telosb/main.exe -Os -DRPL_ROUTING -DRPL_STORING -DORPL -I/opt/tinyos-2.x.acp//tos/lib/net/rpl -I/opt/tinyos-2.x.acp//tos/lib/ppp -I/opt/tinyos-2.x.acp//tos/lib/fragool -DPPP_HOLC_RX_FRAME_LIMIT=1 -DPPP_HOLC_TX_FRAME_LIMIT=8 -DIMG_PREFIX="fec0::" -DBLIP_DERIVE_SHORTADDRS -DCC2420_HW_ACKNOWLEDGEMENTS -DCC2420_HW_ADDRESS_RECOGNITION -DPACKET_LINK -DRTOSH_DATA_LENGTH=112 -I/opt/tinyos-2.x.acp//tos/lib/net/ -I/opt/tinyos-2.x.acp//tos/lib/printf/ -I/opt/tinyos-2.x.acp//support/sdk/c/blip/ -I/opt/tinyos-2.x.acp//tos/lib/net/blip/ -I/opt/tinyos-2.x.acp//tos/lib/net/blip/interfaces/ -I/opt/tinyos-2.x.acp//tos/lib/net/blip/mprog/ -I/opt/tinyos-2.x.acp//tos/lib/net/blip/shell/ -I/opt/tinyos-2.x.acp//tos/lib/net/blip/serial/ -I/opt/tinyos-2.x.acp//tos/lib/net/blip/platform/ -I/opt/tinyos-2.x.acp//tos/lib/net/blip/icmp/ -I/opt/tinyos-2.x.acp//tos/lib/net/blip/dhcp/ -I/opt/tinyos-2.x.acp//support/sdk/c/blip/lib6lowpan/lovec.c -I/opt/tinyos-2.x.acp//support/sdk/c/blip/lib6lowpan/in_cksum.c -I/opt/tinyos-2.x.acp//support/sdk/c/blip/lib6lowpan/ip_malloc.c -I/opt/tinyos-2.x.acp//support/sdk/c/blip/lib6lowpan/utility.c -I/opt/tinyos-2.x.acp//tos/lib/net/blip/table.c -fn esc-separators -Wall -Wshadow -Wnesc-all -target=telosb -fmesic-compile/build/telosb/app.c -board= -GOFFINEMD_TDS_AM_GROUP=0x22 -DIDENT_APPNAME="PppRouterC" -DIDENT_USE_NAME="root" -DIDENT_HOSTNAME="ra" -DIDENT_USERID=0x0000000000000000 -DIDENT_TIMESTAMP=0x13e4d77e1 -DIDENT_UID=0x0000000000000000 PppRouterC.nc -la
/opt/tinyos-2.x.acp//tos/platforms/teleda/PlatformMcluartP.nc:40:2: warning: #warning Enabling DMA on UART1RX
/opt/tinyos-2.x.acp//tos/chips/cc2420/Ip/DummyIpC.nc:39:2: warning: #warning **** LOW POWER COMMUNICATIONS DISABLED ****
/opt/tinyos-2.x.acp//tos/chips/cc2420/Link/PacketLinkC.nc:38:2: warning: #warning **** USING PACKET LINK LAYER****
/opt/tinyos-2.x.acp//tos/lib/net/blip/shell/UGPShellP.nc:204: warning: call via function pointer
/opt/tinyos-2.x.acp//tos/platforms/teleda/PlatformMcluartP.nc:181: warning: 'Mcluart_receivedByte' called asynchronously from 'UserInterrupts_rxDone'
/opt/tinyos-2.x.acp//tos/chips/msp430/dma/ImplMsp430dmaXP.nc:220:25: warning: dereferencing type-punned pointer will break strict-aliasing rules
/opt/tinyos-2.x.acp//tos/chips/msp430/dma/ImplMsp430dmaXP.nc:220:25: warning: dereferencing type-punned pointer will break strict-aliasing rules
compiled PppRouterC to build/telosb/main.exe
  47886 bytes in ROM
  3942 bytes in RAM
msp430-objcopy --output-target=ihex build/telosb/main.exe build/telosb/main.ihex
  writing Tds image
  tas-set-symbols --objcopy msp430-objcopy --objdump msp430-objdump --target ihex build/telosb/main.ihex build/telosb/main.ihex.out-1 TDS_NODE_ID=1 ActiveMessageAddressC_addr=1
  found mote on /dev/ttyUSB0 (using bsl,auto)
  installing telosb binary using bsl
  tas-bsl --telosb -c /dev/ttyUSB0 -r -e -I -p build/telosb/main.ihex.out-1
MSP430 Bootstrap Loader Version: 1.39-goodfet-8
Mass Erase...
Transmit default password ...
Invoking BSL...
Transmit default password ...
Current bootstrap loader version: 1.01 (Device ID: f16c)
Changing baudrate to 38400 ...
Program ...
47916 bytes programmed.
Reset device ...
rm -f build/telosb/main.exe.out-1 build/telosb/main.ihex.out-1
You have new mail in /var/mail/root
root@:/opt/tinyos-2.x/apps/PppRouter#
```

**Figura 23. Configuración de BLIP sobre la mota TelosB 1 [Autor].**

Para desarrollar la WSN con 6lowpan como protocolo de capa 3 se deben configurar las tres motas de acuerdo al diseño que se detalló en la figura 20. Para esto se realizó un procedimiento de manera similar al que se hizo sobre el nodo1, en donde se cargó el set de protocolos de BLIP sobre las motas TelosB configuradas con ID 7 y ID 8, las cuales asumirán un direccionamiento 6Lowpan fec0::7 y fec0::8, respectivamente. Una muestra de los resultados de la carga se muestra en las figuras 24 y 25.

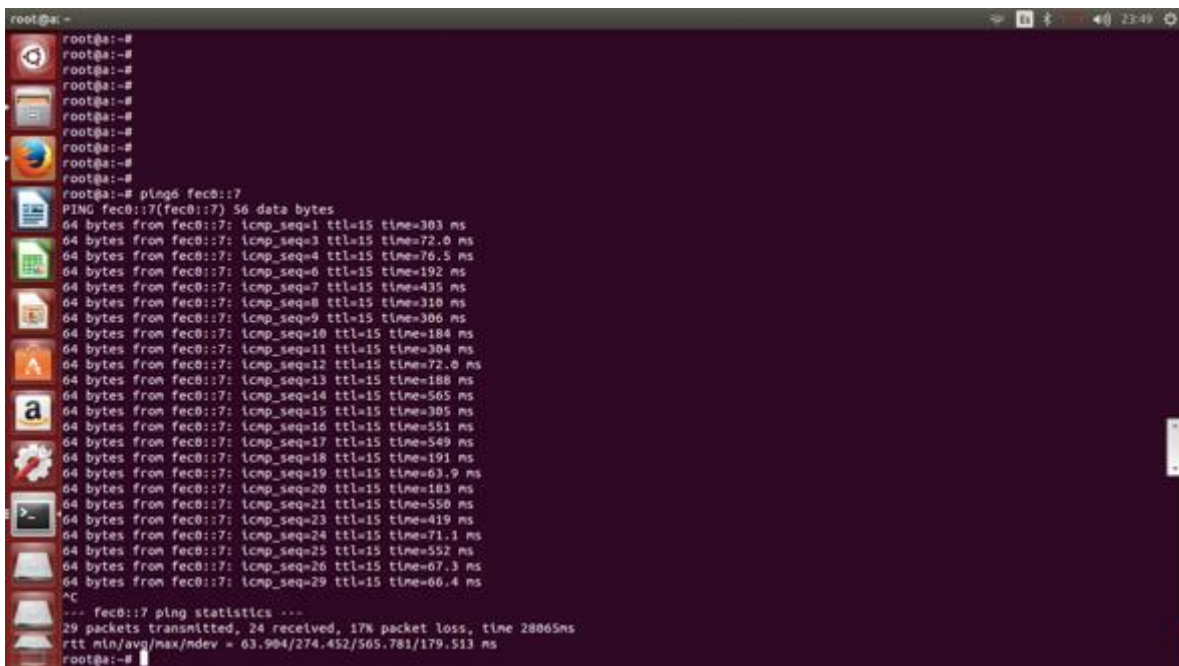
```
root@:/opt/tinyos-2.x/apps/UDPEcho
root@:/opt/tinyos-2.x/apps# cd UDPEcho
root@:/opt/tinyos-2.x/apps/UDPEcho# make telosb blip install.7
mkdir -p build/telosb
tos-storage-stm25p /opt/tinyos-2.x.acp//tos/platforms/telosb <volumes-stm25p.xml >build/telosb/StorageVolumes.h || rm -f build/telosb/StorageVolumes.h
compiling UDPEchoC to a telosb binary
ncc -o build/telosb/main.exe -Os -DRPL_ROUTING -DRPL_STORAGE_MODE -I/opt/tinyos-2.x.acp//tos/lib/net/rpl -DBLIP_DERIVE_SHORTADDRES -DIMG_PREFIX=\"fec0:\" -DCC2420_HW_A
KNOWNLEDGEMENTS -DCC2420_HW_ADDRESS_RECOGNITION -DPACKET_LINK -DTOSH_DATA_LENGTH=112 -I/opt/tinyos-2.x.acp//tos/lib/net/ -I/opt/tinyos-2.x.acp//tos/lib/print/ -I/opt/
tinyos-2.x.acp//support/sdk/c/blip/ -I/opt/tinyos-2.x.acp//tos/lib/net/blip/ -I/opt/tinyos-2.x.acp//tos/lib/net/blip/interfaces/ -I/opt/tinyos-2.x.acp//tos/lib/net/blip/
p/mwprog/ -I/opt/tinyos-2.x.acp//tos/lib/net/blip/shell/ -I/opt/tinyos-2.x.acp//tos/lib/net/blip/serial/ -I/opt/tinyos-2.x.acp//tos/lib/net/blip/platform/ -I/opt/tinyos
-2.x.acp//tos/lib/net/blip/icmp/ -I/opt/tinyos-2.x.acp//tos/lib/net/blip/dhcp/ /opt/tinyos-2.x.acp//support/sdk/c/blip/lib6lowpan/ievcc.c /opt/tinyos-2.x.acp//support/s
dk/c/blip/lib6lowpan/in_cksum.c /opt/tinyos-2.x.acp//support/sdk/c/blip/lib6lowpan/ip_malloc.c /opt/tinyos-2.x.acp//support/sdk/c/blip/lib6lowpan/utility.c /opt/tinyos-
2.x.acp//tos/lib/net/blip/table.c -fnesc-separator= -Wall -Wshadow -Wesc-all -target=telosb -fnesc-cfile=build/telosb/app.c -board= -DODEFINED_TOS_AM_GROUP=0x22 -Ibuil
d/telosb -DIDENT_APPNAME=\"UDPEchoC\" -DIDENT_USERNAME=\"root\" -DIDENT_HOSTNAME=\"a\" -DIDENT_USERHASH=0x7e60f584L -DIDENT_TIMESTAMP=0x53e4d845L -DIDENT_UIDHASH=0x90d
79fd5L UDPEchoC.nc -lm
/opt/tinyos-2.x.acp//tos/chips/cc2420/lpl/DummyLplC.nc:39:2: warning: #warning **** LOW POWER COMMUNICATIONS DISABLED ****
/opt/tinyos-2.x.acp//tos/chips/cc2420/link/PacketLink.nc:38:2: warning: #warning **** USING PACKET LINK LAYER**
/opt/tinyos-2.x.acp//tos/lib/net/blip/shell/UDPShellP.nc:260: warning: call via function pointer
compiled UDPEchoC to build/telosb/main.exe
34912 bytes in ROM
6574 bytes in RAM
msp430-objcopy --output-target=ihex build/telosb/main.exe build/telosb/main.ihex
writing TOS image
tos-set-symbols --objcopy msp430-objcopy --objdump msp430-objdump --target ihex build/telosb/main.ihex build/telosb/main.ihex.out-7 TOS_MODE_ID=7 ActiveMessageAddressC
_addr=7
found mote on /dev/ttyUSB0 (using bsl,auto)
installing telosb binary using bsl
tos-bsl --telosb -c /dev/ttyUSB0 -r -e -I -p build/telosb/main.ihex.out-7
MSP430 Bootstrap Loader Version: 1.39-goodfet-8
Mass Erase...
Transmit default password ...
Invoking BSL...
Transmit default password ...
Current bootstrap loader version: 1.61 (Device ID: f16c)
Changing baudrate to 38400 ...
Program ...
34944 bytes programmed.
Reset device ...
rm -f build/telosb/main.exe.out-7 build/telosb/main.ihex.out-7
root@:/opt/tinyos-2.x/apps/UDPEcho#
```

Figura 24. Configuración de BLIP sobre la mota TelosB ID 7 [Autor].

```
root@:/opt/tinyos-2.x/apps/UDPEcho# make telosb blip install.8
mkdir -p build/telosb
compiling UDPEchoC to a telosb binary
ncc -o build/telosb/main.exe -Os -DRPL_ROUTING -DRPL_STORAGE_MODE -I/opt/tinyos-2.x.acp//tos/lib/net/rpl -DBLIP_DERIVE_SHORTADDRES -DIMG_PREFIX=\"fec0:\" -DCC2420_HW_A
KNOWNLEDGEMENTS -DCC2420_HW_ADDRESS_RECOGNITION -DPACKET_LINK -DTOSH_DATA_LENGTH=112 -I/opt/tinyos-2.x.acp//tos/lib/net/ -I/opt/tinyos-2.x.acp//tos/lib/print/ -I/opt/
tinyos-2.x.acp//support/sdk/c/blip/ -I/opt/tinyos-2.x.acp//tos/lib/net/blip/ -I/opt/tinyos-2.x.acp//tos/lib/net/blip/interfaces/ -I/opt/tinyos-2.x.acp//tos/lib/net/blip/
p/mwprog/ -I/opt/tinyos-2.x.acp//tos/lib/net/blip/shell/ -I/opt/tinyos-2.x.acp//tos/lib/net/blip/serial/ -I/opt/tinyos-2.x.acp//tos/lib/net/blip/platform/ -I/opt/tinyos
-2.x.acp//tos/lib/net/blip/icmp/ -I/opt/tinyos-2.x.acp//tos/lib/net/blip/dhcp/ /opt/tinyos-2.x.acp//support/sdk/c/blip/lib6lowpan/ievcc.c /opt/tinyos-2.x.acp//support/s
dk/c/blip/lib6lowpan/in_cksum.c /opt/tinyos-2.x.acp//support/sdk/c/blip/lib6lowpan/ip_malloc.c /opt/tinyos-2.x.acp//support/sdk/c/blip/lib6lowpan/utility.c /opt/tinyos-
2.x.acp//tos/lib/net/blip/table.c -fnesc-separator= -Wall -Wshadow -Wesc-all -target=telosb -fnesc-cfile=build/telosb/app.c -board= -DODEFINED_TOS_AM_GROUP=0x22 -Ibuil
d/telosb -DIDENT_APPNAME=\"UDPEchoC\" -DIDENT_USERNAME=\"root\" -DIDENT_HOSTNAME=\"a\" -DIDENT_USERHASH=0x7e60f584L -DIDENT_TIMESTAMP=0x53e4d8e9L -DIDENT_UIDHASH=0x6b3
16386L UDPEchoC.nc -lm
/opt/tinyos-2.x.acp//tos/chips/cc2420/lpl/DummyLplC.nc:39:2: warning: #warning **** LOW POWER COMMUNICATIONS DISABLED ****
/opt/tinyos-2.x.acp//tos/chips/cc2420/link/PacketLink.nc:38:2: warning: #warning **** USING PACKET LINK LAYER**
/opt/tinyos-2.x.acp//tos/lib/net/blip/shell/UDPShellP.nc:260: warning: call via function pointer
compiled UDPEchoC to build/telosb/main.exe
34912 bytes in ROM
6574 bytes in RAM
msp430-objcopy --output-target=ihex build/telosb/main.exe build/telosb/main.ihex
writing TOS image
tos-set-symbols --objcopy msp430-objcopy --objdump msp430-objdump --target ihex build/telosb/main.ihex build/telosb/main.ihex.out-8 TOS_MODE_ID=8 ActiveMessageAddressC
_addr=8
found mote on /dev/ttyUSB0 (using bsl,auto)
installing telosb binary using bsl
tos-bsl --telosb -c /dev/ttyUSB0 -r -e -I -p build/telosb/main.ihex.out-8
MSP430 Bootstrap Loader Version: 1.39-goodfet-8
Mass Erase...
Transmit default password ...
Invoking BSL...
Transmit default password ...
Current bootstrap loader version: 1.61 (Device ID: f16c)
Changing baudrate to 38400 ...
Program ...
34944 bytes programmed.
Reset device ...
rm -f build/telosb/main.exe.out-8 build/telosb/main.ihex.out-8
You have new mail in /var/mail/root
root@:/opt/tinyos-2.x/apps/UDPEcho#
```

Figura 25. Configuración de BLIP sobre la mota TelosB ID 8 [Autor].

Una vez verificada la asignación de las direcciones IPV6 se procede a corroborar la conectividad de las motas, en donde inicialmente se asignó un enrutamiento estático sobre la red, considerando que la comunicación de la mota con ID 8 con el sumidero, se realizará a través de la mota identificada con ID 7. La verificación de la conectividad se realizó mediante la herramienta PING6, realizando capturas de paquetes que muestran la comunicación entre cada de una de las motas y el nodo sumidero. Estos paquetes serían los RTT entre el sumidero y cada mota (ver figura 26).



```
root@x:~#  
root@x:~#  
root@x:~#  
root@x:~#  
root@x:~#  
root@x:~#  
root@x:~#  
root@x:~#  
root@x:~#  
root@x:~#  
root@x:~# ping6 fec0::7  
PING fec0::7(fec0::7) 56 data bytes  
64 bytes from fec0::7: icmp_seq=1 ttl=15 time=303 ms  
64 bytes from fec0::7: icmp_seq=3 ttl=15 time=72.0 ms  
64 bytes from fec0::7: icmp_seq=4 ttl=15 time=76.5 ms  
64 bytes from fec0::7: icmp_seq=6 ttl=15 time=192 ms  
64 bytes from fec0::7: icmp_seq=7 ttl=15 time=435 ms  
64 bytes from fec0::7: icmp_seq=8 ttl=15 time=310 ms  
64 bytes from fec0::7: icmp_seq=9 ttl=15 time=306 ms  
64 bytes from fec0::7: icmp_seq=10 ttl=15 time=184 ms  
64 bytes from fec0::7: icmp_seq=11 ttl=15 time=304 ms  
64 bytes from fec0::7: icmp_seq=12 ttl=15 time=72.0 ms  
64 bytes from fec0::7: icmp_seq=13 ttl=15 time=188 ms  
64 bytes from fec0::7: icmp_seq=14 ttl=15 time=505 ms  
64 bytes from fec0::7: icmp_seq=15 ttl=15 time=305 ms  
64 bytes from fec0::7: icmp_seq=16 ttl=15 time=551 ms  
64 bytes from fec0::7: icmp_seq=17 ttl=15 time=549 ms  
64 bytes from fec0::7: icmp_seq=18 ttl=15 time=191 ms  
64 bytes from fec0::7: icmp_seq=19 ttl=15 time=63.9 ms  
64 bytes from fec0::7: icmp_seq=20 ttl=15 time=183 ms  
64 bytes from fec0::7: icmp_seq=21 ttl=15 time=550 ms  
64 bytes from fec0::7: icmp_seq=23 ttl=15 time=419 ms  
64 bytes from fec0::7: icmp_seq=24 ttl=15 time=71.1 ms  
64 bytes from fec0::7: icmp_seq=25 ttl=15 time=552 ms  
64 bytes from fec0::7: icmp_seq=26 ttl=15 time=67.3 ms  
64 bytes from fec0::7: icmp_seq=29 ttl=15 time=66.4 ms  
^C  
--- fec0::7 ping statistics ---  
29 packets transmitted, 24 received, 17% packet loss, time 2806ms  
rtt min/avg/max/ndev = 63.904/274.452/505.781/179.513 ms  
root@x:~#
```

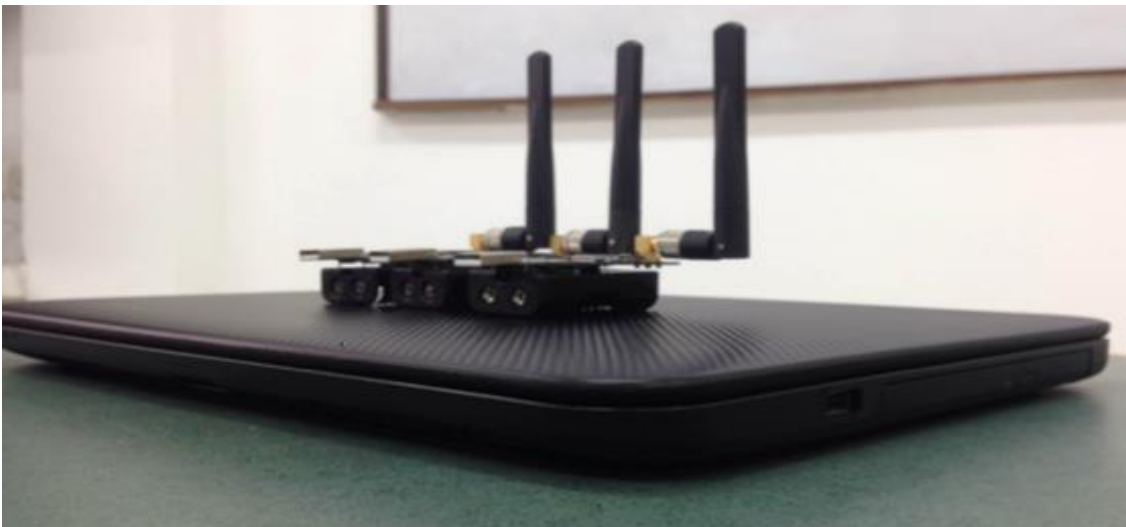
**Figura 26. Prueba de Ping6 sobre motas para comprobar conectividad [Autor].**

Una vez comprobado esto se proceden a realizar pruebas de conectividad variando parámetros y protocolos.

### **3.3. Evaluación del rendimiento del protocolo 6Lowpan en una WSN desarrollada con la plataforma de hardware y software libre.**

Para la evaluación del rendimiento del protocolo 6Lowpan en la WSN se requirieron las siguientes herramientas:

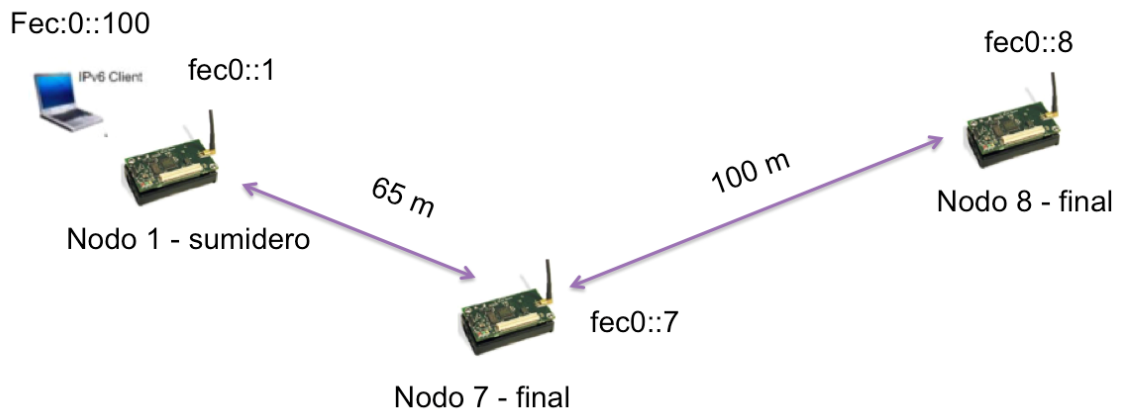
- Tres motas TelosB, configuradas de acuerdo al diseño de la red mostrado en la figura 20.
- Un computador con Linux, distribución Ubuntu
- Software TinyOS V2.2 instalado en PC y ya implementado en motas configuradas
- Herramienta de captura de paquetes Wireshark para análisis de datos e información.



**Figura 27. Herramientas de hardware usadas para pruebas de campo [Autor].**

Con estas herramientas en campo se procedió a plantear el análisis del rendimiento de la red con base en los siguientes factores de análisis:

- Variando el tipo de enrutamiento de paquetes, inicialmente realizándolo de manera estática y posteriormente aplicando la opción de rutas dinámicas a través del protocolo RPL. Esto se realiza, dado que de acuerdo al caso las WSN pueden usar los dos tipos de direccionamiento, según la aplicación.
- Utilizar el protocolo LPL con el fin de variar los tiempos en los cuales las motas estaban activas y con base en los resultados estimar el comportamiento de la transmisión de información. Este protocolo se usó tanto para enrutamiento estático, como dinámico. Los tiempos que se establecieron en este caso fueron de 0 ms, 512 ms y 1024 ms; estos dos últimos partiendo de los resultados que se obtuvieron en [98] y [99], en donde se obtuvo un ahorro energético óptimo.
- La distancia en la que se ubicaron las motas varió con el fin de evaluar el rendimiento de la red con relación a este factor. Para esta prueba se establecieron diferentes distancias, inicialmente para un salto. Las distancias iniciales fueron 10 m, 20 m, 30 m y 40m. Para dos saltos se establecieron distancias fijas de 65 m para la mota 7 y 100 m para la mota 8, garantizando que no existiera línea de vista entre esta última y el sumidero, con el fin de que no se pudiera dar una conexión entre las dos directamente. Estas distancias fueron establecidas de acuerdo a la locación que permitía dicha logística y un esquema se muestra en la figura 28.



**Figura 28. Direccionamiento de red y ubicación con 6Lowpan para escenario con dos nodos.**

Es importante indicar que Wireshark puede verificar datos sobre puertos USB, únicamente en el Sistema Operativo Linux, por lo que se monitoreó este puerto través del protocolo PPP (Point to Point Protocol). Para esto, se utilizó la herramienta Ping6 con el fin de generar tráfico sobre la red y así capturar por un período de 5 min aproximadamente los datos que se generaran sobre el puerto FEC::100, correspondiente a la PC. Las capturas de paquetes se muestran en los anexos 2 del documento para cada uno de los test realizados. En las figuras 29 y 30 se observan capturas de paquetes realizadas con esta herramienta.



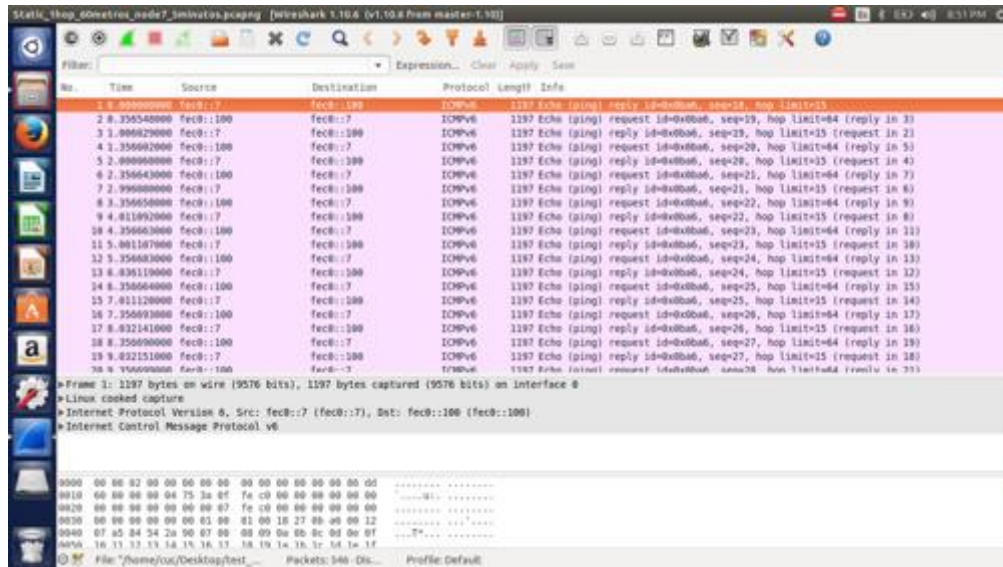


Figura 29. Ejemplo de captura de datos en puerto FEC0::100 con Wireshark [Autor].

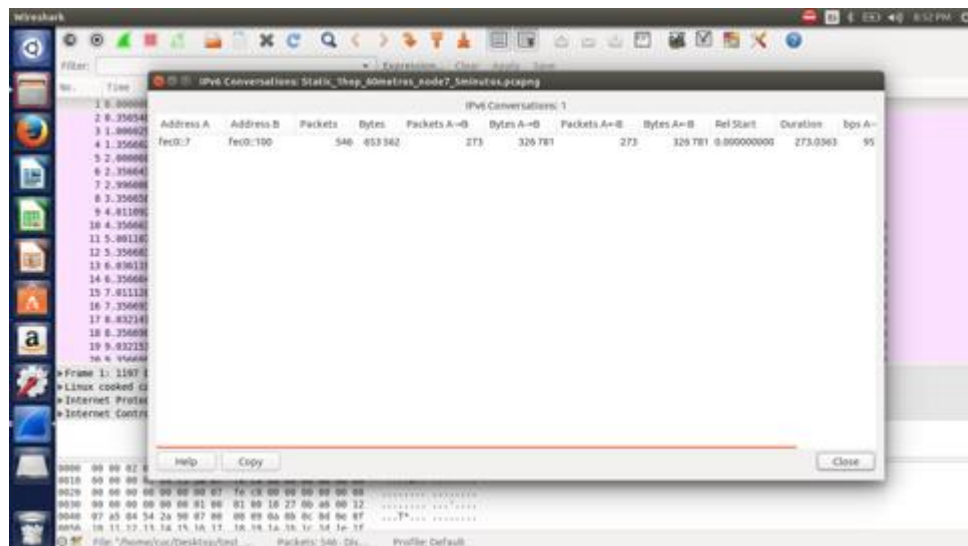


Figura 30. Captura de paquetes enviados y entregados en puerto FEC0:100 [Autor].

Una vez capturada la información se procedió con el cálculo de métricas de rendimientos, con base a los datos obtenidos a través de Wireshark, en donde se consideraron aquellas que producían retardo en la red y afectación en la entrega de paquetes, de acuerdo a la revisión de la literatura en cuanto a los trabajos similares que se han realizado en temáticas de este tipo. Producto de esto se escogieron como métricas de desempeño las siguientes:

- Cálculo de pérdidas de paquetes
- Tiempo de duración promedio de RTT
- Retardo promedio de RTT
- Retardo en el envío de paquetes
- Jitter promedio para el envío de los paquetes.

Para la pérdida de paquetes se analizó la información obtenida a través de la herramienta Wireshark, en donde se muestran los paquetes enviados y recibidos, como se muestra en la figura 29. Con base en esta información se tiene que los paquetes perdidos serían:

$$\% \text{Paq perdidos} = (\text{paq enviados} - \text{paq recibidos}) * 100 / \text{paq enviados}$$

Para el cálculo promedio de los RTT se tomaron los datos obtenidos en Wireshark y se revisaron solamente los envíos de paquetes desde el nodo 100 (sumidero) que tuviesen acuse de recibo (ack - Acknowledgement) por el nodo 7 u 8, según la prueba que se realizara. Esto es, se descartaron los envíos de paquetes que no tuvieran respuesta por parte del receptor. De estos paquetes se restaron los tiempos de envío con el tiempo de respuesta en el receptor para obtener la



duración del RTT en determinado instante. Luego se procedió a promediar los tiempos de duración de los RTT obtenidos para la muestra y se obtuvo el valor para cada prueba realizada.

$$RTT = t_{ack} - t_{Paq\_Env}$$

$$RTT \text{ Prom} = \frac{\sum_1^N RTT}{N};$$

donde N es el número de RTT en la muestra.

Para el cálculo de los retardos de RTT se restaron los tiempos de envío de un RTT y el anterior. Es decir, descartando los tiempos de los paquetes que no tenían respuesta en el receptor.

$$RTT\_Delay = t_{RTT(n)} - t_{RTT(n-1)}$$

Donde n equivale número ordinal del RTT enviado.

Posteriormente se realizó un promedio de todos los tiempos de retardos de RTT según los datos obtenidos en la muestra.

Para el “retardo promedio de envío de paquetes” se tuvo en consideración cuando un paquete era transmitido desde el nodo sumidero a los nodos 7 u 8, según la prueba. Para este caso se tomaron todos los paquetes que se enviaban, sin importar si existía respuesta desde el receptor. En este caso el retardo se calculó restando los tiempos de envío entre un paquete y el anterior, obteniendo así la duración del envío entre un paquete y el consecutivo.

$$\text{PAQ\_ENV\_DELAY} = t_{\text{paq}(n+1)} - t_{\text{paq}(n)}$$

Donde n es el número ordinal de envío del paquete en la muestra.

Posteriormente se promediaron los tiempos obtenidos para cada una de las muestras.

Con relación al Jitter se calculó la variación del retardo del envío de paquetes, en donde se restó a cada tiempo de paquete transmitido el promedio general de retardo obtenido en la muestra y a este resultado se le obtuvo el valor absoluto.

$$\text{JITTER} = |\text{Prom PAQ\_ENV\_DELAY} - t_{\text{paq\_env}}|$$

Posterior a esto, se calculó el promedio de los Jitter obtenidos en cada muestra realizada.

La información obtenida se tabuló para posteriormente ser graficada. Estas son mostradas de manera detallada con su respectivo análisis en la sección de resultados.

## **CAPÍTULO 4. RESULTADOS Y ANÁLISIS**

### **1. INTRODUCCIÓN**

En este capítulo se muestran los resultados conforme al diseño de la red de sensores mostrada en el capítulo 3 de acuerdo con las pruebas de conectividad realizadas usando el protocolo 6Lowpan, en donde se pudo establecer el tamaño máximo de un paquete a transmitir utilizando el comando Ping6.

Existen resultados obtenidos de acuerdo a la cantidad de paquetes perdidos en cada una de las condiciones del experimento realizado. También se realiza un análisis de los retardos en los RTT efectivos y los tiempos de envío de cada uno de estos. Además, se realizan métricas referentes al Jitter de acuerdo a los desfases en los retardos de cada uno de los RTT que se enviaron.

Finalmente, a través de gráficas de comparación se establecen criterios de análisis que indican en qué condiciones es más favorable el rendimiento de la red, teniendo en cuenta el consumo energético tras el envío de paquetes.

### **2. RESULTADOS Y ANÁLISIS EN CADA UNA DE LAS FASES**

La metodología WBS permite establecer fases de un proyecto, las cuales deben ir asociadas a un resultados o metas que establezcan el correcto cumplimiento de las mismas. Para este caso, en las 3 fases establecidas se tienen los siguientes resultados:

#### **2.1. Resultados asociados a la Fase 1.**

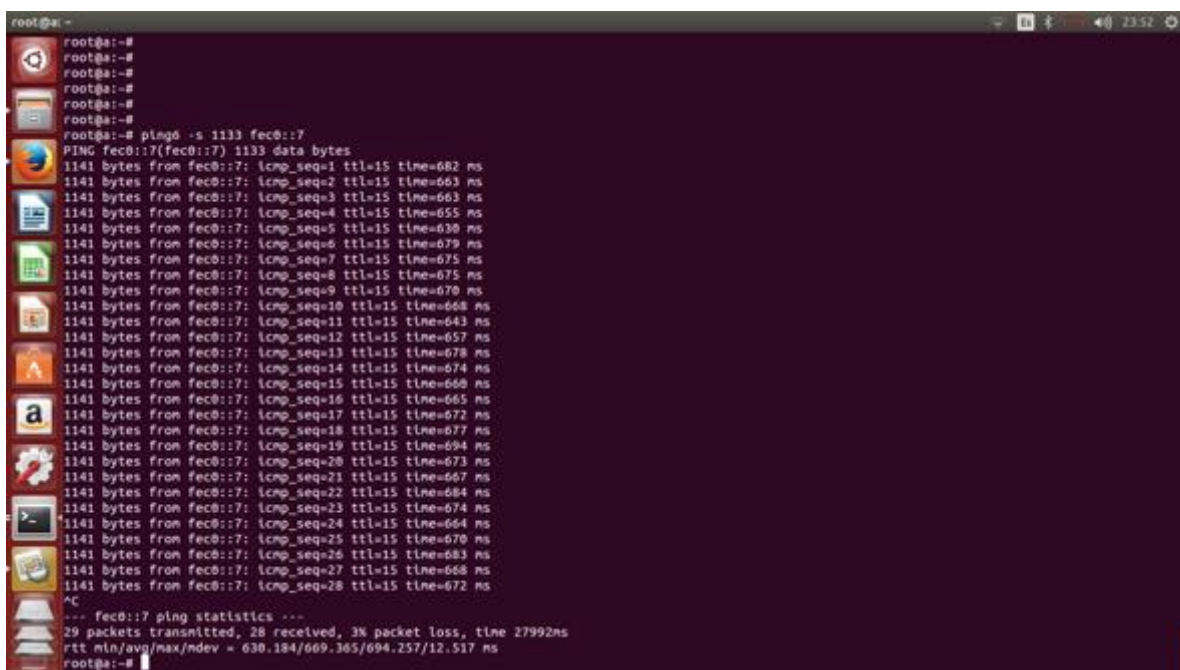
El principal resultado fue el diseño de una herramienta de red mostrada en la Figura 21, en donde se estableció un esquema de direccionamiento para la conectividad de los dispositivos, teniendo en cuenta la compresión de la dirección IPV6, de acuerdo a la cantidad de ceros de esta. Es así que se establecieron 4 direcciones IP de acuerdo a las características de los dispositivos de la red de acuerdo a la topología establecida. En esta, una de las motas funciona como sumidero (Gateway o Sink) estando conectada a un PC, para que a través de este último se puedan generar las instrucciones y configuraciones que permitan evaluar el rendimiento de la red, tales como la ejecución del comando ping6, captura de RTT, entre otros. Con la herramienta de red anteriormente descrita es posible realizar cualquier tipo de pruebas con dos nodos o más para evaluar distintas métricas de desempeño, incluso algunas que se puedan generar posterior a este trabajo. Así mismo que esta herramienta podrá permitir la evaluación de otro tipo de protocolos bajo el direccionamiento 6Lowpan.

En la topología implementada se buscó que la mota 8 no tuviera conectividad directa con el sumidero, con el fin de garantizar que los paquetes tuvieran que llegar al nodo 7, y así implementar una red de dos saltos, con el fin de alcanzar su destino. Esto para el caso de las pruebas con enrutamiento dinámico.

Otro resultado relevante en esta fase fue la selección del hardware TelosB como herramienta para la implementación del protocolo 6Lowpan. Esta herramienta permitió una rápida implementación del protocolo y su acople con el entorno de programación TinyOS fue rápido, lo que permitió agilizar las pruebas. Aunque la herramienta no es comercial en Colombia se recomienda su amplio uso y el apoyo en cuanto documentación existente de uso libre.

## **2.2. Resultados asociados a la Fase 2.**

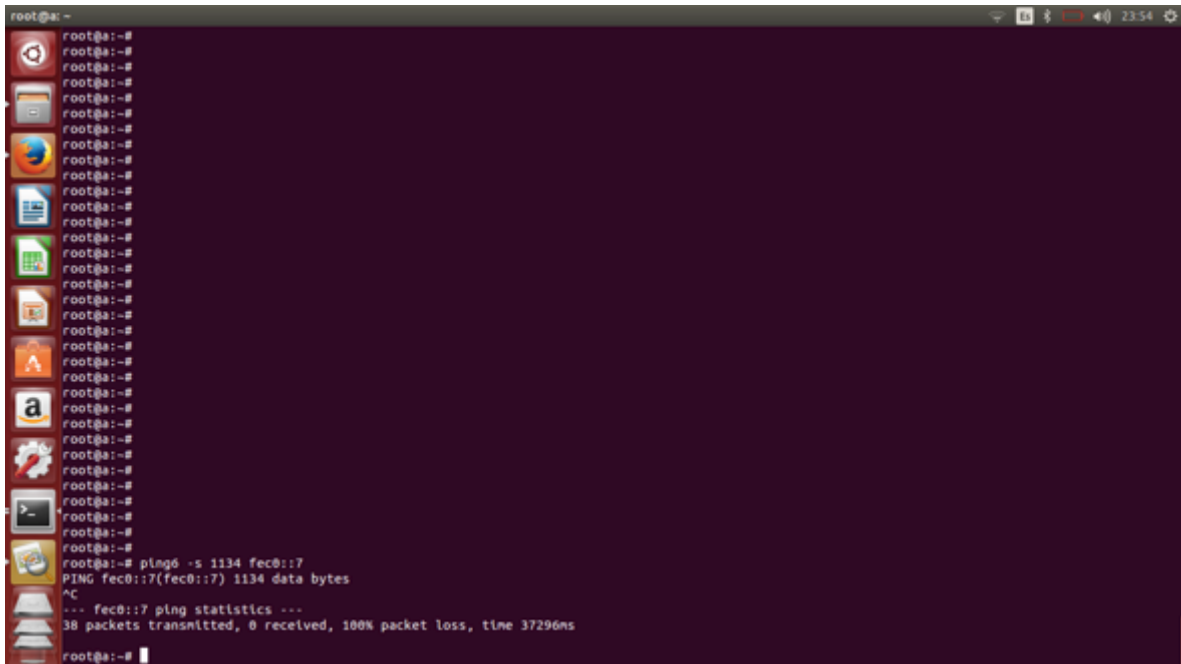
Los resultados más importantes en esta fase están asociados a las pruebas de conectividad entre motas, en donde uno de los parámetros destacables está ligado al máximo tamaño de paquete que se pudo transmitir con la TelosB. Para esto, se utilizó el comando “Ping6 –s”, el cual permite asignar el tamaño del paquete a transmitir. Para este caso se tuvo que el paquete era de 1133 Bytes con direccionamiento estático o RPL y sin la aplicación del protocolo LPL.



```
root@ai:~#
root@ai:~#
root@ai:~#
root@ai:~#
root@ai:~#
root@ai:~#
root@ai:~# ping6 -s 1133 fec0::7
PING fec0::7(fec0::7) 1133 data bytes
1141 bytes from fec0::7: icmp_seq=1 ttl=15 time=682 ms
1141 bytes from fec0::7: icmp_seq=2 ttl=15 time=663 ms
1141 bytes from fec0::7: icmp_seq=3 ttl=15 time=663 ms
1141 bytes from fec0::7: icmp_seq=4 ttl=15 time=655 ms
1141 bytes from fec0::7: icmp_seq=5 ttl=15 time=630 ms
1141 bytes from fec0::7: icmp_seq=6 ttl=15 time=679 ms
1141 bytes from fec0::7: icmp_seq=7 ttl=15 time=675 ms
1141 bytes from fec0::7: icmp_seq=8 ttl=15 time=675 ms
1141 bytes from fec0::7: icmp_seq=9 ttl=15 time=670 ms
1141 bytes from fec0::7: icmp_seq=10 ttl=15 time=668 ms
1141 bytes from fec0::7: icmp_seq=11 ttl=15 time=643 ms
1141 bytes from fec0::7: icmp_seq=12 ttl=15 time=657 ms
1141 bytes from fec0::7: icmp_seq=13 ttl=15 time=678 ms
1141 bytes from fec0::7: icmp_seq=14 ttl=15 time=674 ms
1141 bytes from fec0::7: icmp_seq=15 ttl=15 time=660 ms
1141 bytes from fec0::7: icmp_seq=16 ttl=15 time=665 ms
1141 bytes from fec0::7: icmp_seq=17 ttl=15 time=672 ms
1141 bytes from fec0::7: icmp_seq=18 ttl=15 time=677 ms
1141 bytes from fec0::7: icmp_seq=19 ttl=15 time=694 ms
1141 bytes from fec0::7: icmp_seq=20 ttl=15 time=673 ms
1141 bytes from fec0::7: icmp_seq=21 ttl=15 time=667 ms
1141 bytes from fec0::7: icmp_seq=22 ttl=15 time=684 ms
1141 bytes from fec0::7: icmp_seq=23 ttl=15 time=674 ms
1141 bytes from fec0::7: icmp_seq=24 ttl=15 time=664 ms
1141 bytes from fec0::7: icmp_seq=25 ttl=15 time=670 ms
1141 bytes from fec0::7: icmp_seq=26 ttl=15 time=683 ms
1141 bytes from fec0::7: icmp_seq=27 ttl=15 time=668 ms
1141 bytes from fec0::7: icmp_seq=28 ttl=15 time=672 ms
^C
--- fec0::7 ping statistics ---
29 packets transmitted, 28 received, 3% packet loss, time 27992ms
rtt min/avg/max/ndev = 630.184/669.365/694.257/12.517 ms
root@ai:~#
```

**Figura 31. Prueba de Ping6 paquete tamaño 1133 Bytes con RPL [Autor].**

En las figuras 31 y 32 se puede analizar que el máximo tamaño del paquete que soporta la TelosB es de 1133. La Figura 31 muestra que cuando se usa un Byte más no se produce transmisión. Esto se asume debido a la máxima cabecera que soporta el protocolo que no le permite transmitir paquetes de orden superior de acuerdo las limitaciones de datos ya revisadas en el capítulo 2.



**Figura 32. Prueba de Ping6 paquete tamaño 1134 Bytes con RPL [Autor].**

De manera similar cuando se usa el protocolo LPL el máximo tamaño de paquete permitido es a 1133 Bytes. Las figuras 33 y 34 muestran la transmisión exitosa en un caso y la no transmisión cuando se aumenta en un Byte el tamaño del paquete.





**Figura 34. Prueba de Ping6 paquete tamaño 1134 Bytes con RPL y LPL  
[Autor].**

Otro resultado destacable en esta fase es la necesidad del uso de herramientas como BLIP 2.0, LPL y RPL en la implementación del protocolo. Esto hace el uso de la herramienta TinyOS de gran utilidad para este trabajo.

### **2.3. Resultados asociados a la Fase 3.**

Esta fase describe los resultados asociados al desarrollo de la evaluación del protocolo 6lowpan. Para esta prueba se generó tráfico sobre la red de la figura 21 por medio del comando Ping6, con el fin de producir RTT y se capturaron paquetes a través de la herramienta Wireshark durante 5 minutos aproximadamente con línea de vista y sin la presencia de obstáculos para todas las pruebas, con el fin de evaluar métricas de rendimiento. Dentro de las métricas que se calcularon se tienen el porcentaje de pérdida de paquetes, los retardos de RTT y el Jitter. Esto generó una serie de cálculos en donde se usaron los datos obtenidos para poder evaluar las métricas descritas en la metodología. Los resultados de estas métricas se detallan a continuación:

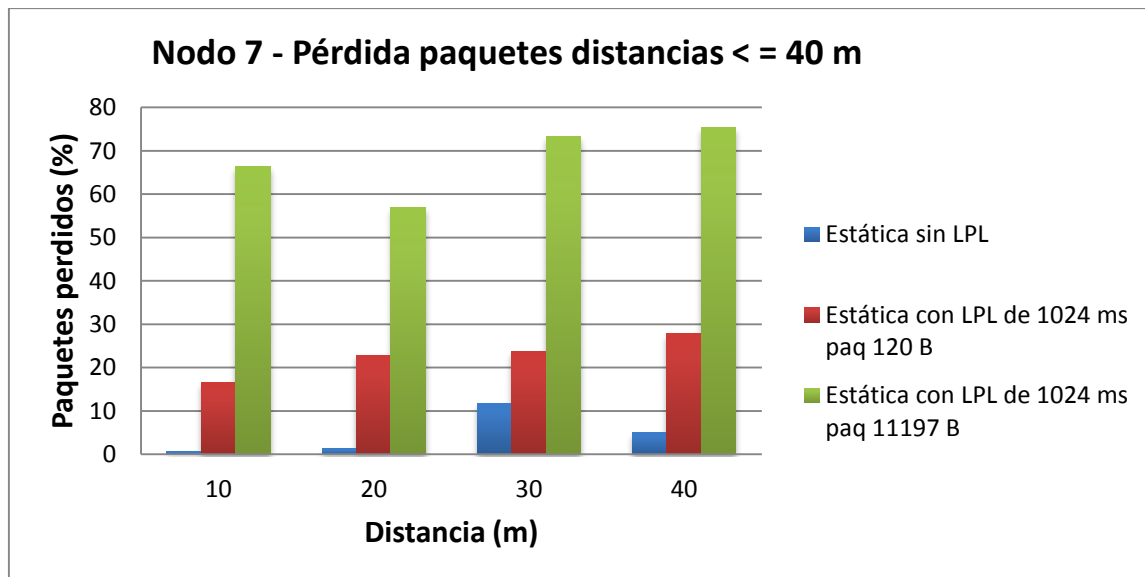
#### **Prueba 1.**

Para esta prueba se analizó la pérdida de paquetes entre el nodo sumidero y el nodo 7, variando distancias de recepción de paquetes con línea de vista. Estas fueron escogidas dado la logística del lugar donde se realizaron (Campus universitario de la Universidad de la Costa en Barranquilla) y los resultados promediados se muestran en la Tabla 6 a continuación:

**Tabla 6. Paquetes perdidos en pruebas con 6Lowpan aplicando LPL y tamaño de paquetes de 120 B y 1133 B a distancias menores a 40 m.**

| PÉRDIDA DE PAQUETES NODO 7 DISTANCIAS MENORES A 40 M |                       |           |           |           |
|--|-----------------------|-----------|-----------|-----------|
| Tipo de prueba                                       | Paquetes perdidos (%) |           |           |           |
| Estática sin LPL                                     | 0,66                  | 1,32      | 11,7      | 4,95      |
| Estática con LPL de 1024 ms paq 120 B                | 16,55                 | 22,92     | 23,66     | 27,9      |
| Estática con LPL de 1024 ms paq 11197 B              | 66,45                 | 56,91     | 73,26     | 75,39     |
|  |                       |           |           |           |
| <b>Distancia (m)</b>                                 | <b>10</b>             | <b>20</b> | <b>30</b> | <b>40</b> |

Estas pruebas se graficaron en la Figura 35 para una mejor interpretación visual de los resultados obtenidos.



**Figura 35. Comparación de pérdida de paquetes con 6Lowpan y enrutamiento estático en nodo 7.**

En la Figura 35, se muestran las pérdidas de paquetes teniendo en cuenta tres factores de incidencia en la transmisión, la variación en la distancia, el tamaño del paquete y el tiempo de escaneo del canal, representado por la aplicación del

protocolo LPL escogiendo un intervalo de 1024 ms para activar la verificación de presencia de señales por parte de la mota. Este tiempo se ha escogido bajo los mismos criterios seleccionados en [98] y [99], donde se comprueba que este valor mejora el rendimiento energético de la placa para la transmisión de paquetes de manera óptima.

De la gráfica se puede analizar que con direccionamiento estático y sin la aplicación de LPL se obtiene un menor porcentaje de pérdida de paquetes, que oscila entre el 1% y 10%, que comparado con el 68% y 72% de las pruebas con máximo tamaño de paquete y LPL de 1024, es bastante significativo. Esto es debido a que las distancias escogidas son cortas y no superan los 40 metros, además que el dispositivo estará transmitiendo paquetes constantemente a intervalos de 1 s, por la aplicación del comando Ping6. Sin embargo, es evidente que el hecho de transmitir constantemente producirá a futuro un efecto de desgaste energético en la batería que alimenta la TelosB.

Al aplicar el protocolo LPL se tomó un factor diferenciador en cuanto al tamaño del paquete a transmitir, utilizando el de 120 Bytes (recibido en Wireshark) y un paquete máximo de 1199 (recibido Wireshark). Estas dos gráficas evidencian que la pérdida de paquetes aumenta en la medida que se aumenta el tamaño del paquete hasta el payload máximo. La pérdida de paquetes que se obtiene con un tamaño máximo es superior al doble en cada una de las distancias evaluadas.

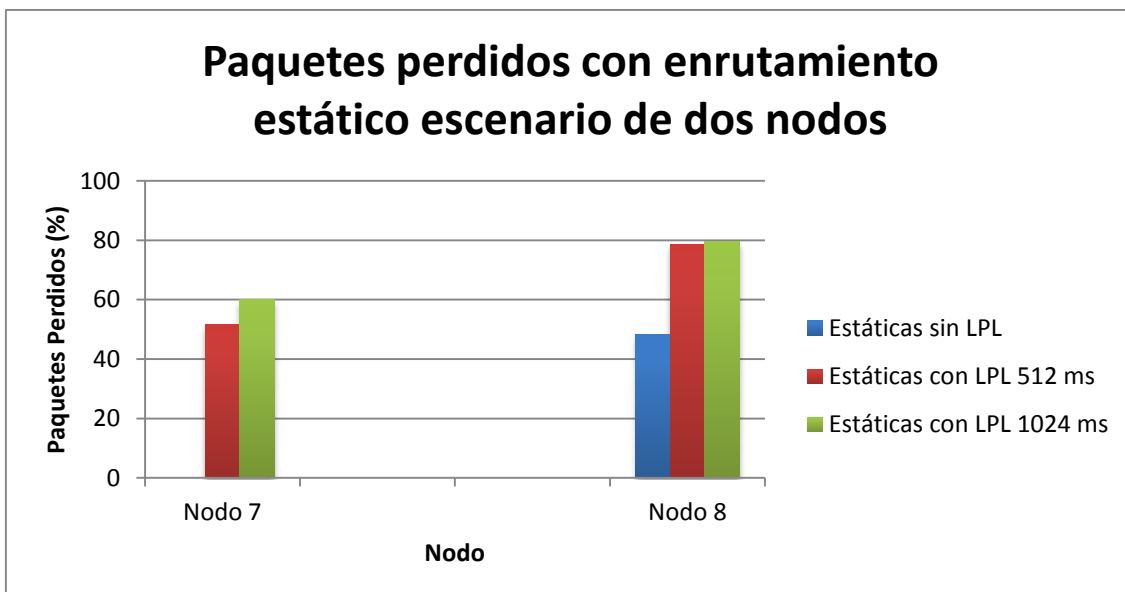
## **Prueba 2.**

Para estas pruebas se tomaron los valores obtenidos de la Tabla 7 en donde se revisaron los valores de pérdida de paquetes para el nodo 7 y 8 con 6Lowpan, enrutamiento estático y el protocolo LPL con tiempos de 512 ms y 1024 ms, siendo este último el más óptimo para ahorro energético.

**Tabla 7. Pérdida de paquetes con 6Lowpan aplicando enrutamiento estático y LPL de 512 ms y 1024 ms para Nodo 7 y Nodo 8**

| PÉRDIDA DE PAQUETES DISTANCIAS MAYORES A 40 M |                  |               |
|---|------------------|---------------|
| Tipo de prueba                                | Packets Loss (%) |               |
| Estáticas sin LPL                             | 0                | 48,36         |
| Estáticas con LPL 512 ms                      | 51,47            | 78,47         |
| Estáticas con LPL 1024 ms                     | 60               | 79,66         |
|   |                  |               |
| <b>Nodo</b>                                   | <b>Nodo 7</b>    | <b>Nodo 8</b> |

En la Figura 36, se realiza una comparación entre los dos nodos que componen la red de la Figura 21. Para este caso se analiza la pérdida de paquetes desde el nodo 1 (sumidero) a los nodos 7 (ubicado a 65 m) y 8 (ubicado a 165 m), mediante el envío de paquetes con enrutamiento estático y protocolo LPL con tiempos de 512ms y 1024ms, con el fin de analizar la incidencia de este en la pérdida de paquetes.



**Figura 36. Comparación de pérdida de paquetes nodo 7 y nodo 8 con 6Lowpan enrutamiento estático y LPL.**

La gráfica muestra que para el nodo 7, sin aplicación del protocolo LPL, no existe pérdida de paquetes alguna durante la prueba. Sin embargo, para el nodo 8 la pérdida de paquetes aumenta al casi 50% durante el transcurso de la prueba. Dentro de las posibles causas de este fenómeno se tiene, el tiempo de envío de paquetes del comando Ping6, que es de cada 1s, en donde, algunas de las respuestas de acuse de recibo no fueran efectivas en determinado instante por el nodo 7 o el sumidero. El hecho de que los paquetes del nodo 8 pasen por el nodo 7 para llegar al nodo 1 es otra razón de peso para esta causa. Para las pruebas con LPL y enrutamiento estático se tiene que la pérdida de paquetes aumenta tanto para el nodo 7 como el nodo 8. De esto se puede analizar que no es muy significativa la pérdida de paquetes entre los tiempos de 512 ms y 1024 ms; esto se evidencia más aún en el nodo 8, pero se puede decir que para los dos dispositivos se tiene un comportamiento similar. Sin embargo, es importante anotar que las pérdidas son mayores en el nodo 8 que en el nodo 7.

### Prueba 3.

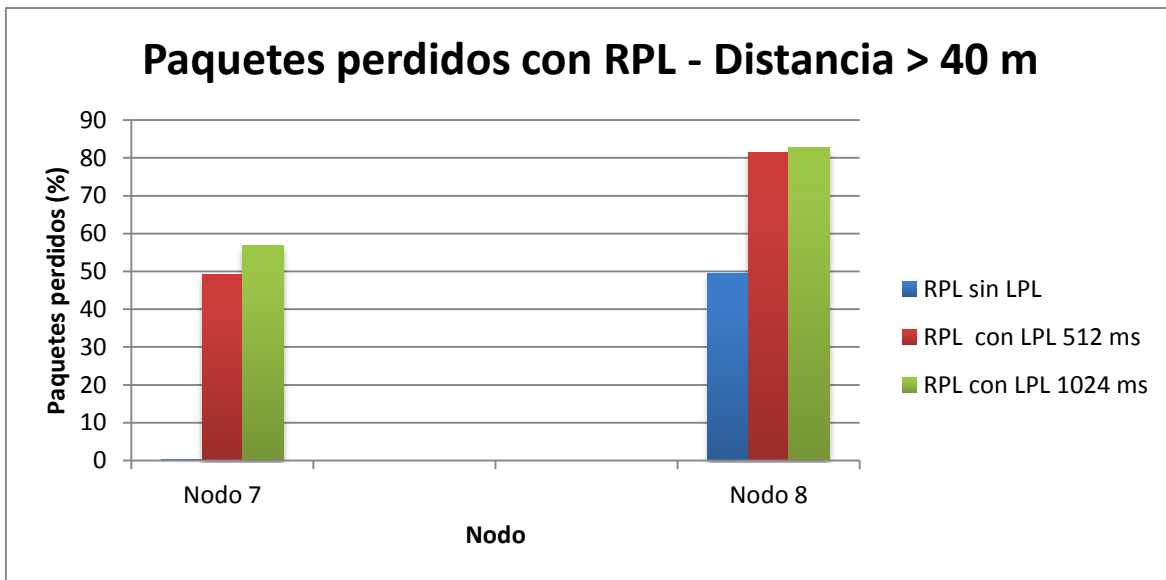
Para esta prueba se analiza la pérdida de paquetes con el protocolo 6Lowpan en un escenario con enrutamiento dinámico y LPL con tiempos de 512 ms y 1024 ms. Los resultados obtenidos se observan en la Tabla 8 a continuación:

**Tabla 8. Pérdida de paquetes con 6Lowpan aplicando enrutamiento RPL y LPL de 512 ms y 1024 ms para Nodo 7 y Nodo 8**

| PÉRDIDA DE PAQUETES DISTANCIAS MAYORES A 40 M |                  |       |
|---|------------------|-------|
| Tipo de prueba                                | Packets Loss (%) |       |
| RPL sin LPL                                   | 0,36             | 49,41 |
| RPL con LPL 512 ms                            | 49,28            | 81,54 |
| RPL con LPL 1024 ms                           | 56,76            | 82,77 |
|   |                  |       |

| PÉRDIDA DE PAQUETES DISTANCIAS MAYORES A 40 M |                  |        |
|---|------------------|--------|
| Tipo de prueba                                | Packets Loss (%) |        |
| Nodo  | Nodo 7           | Nodo 8 |

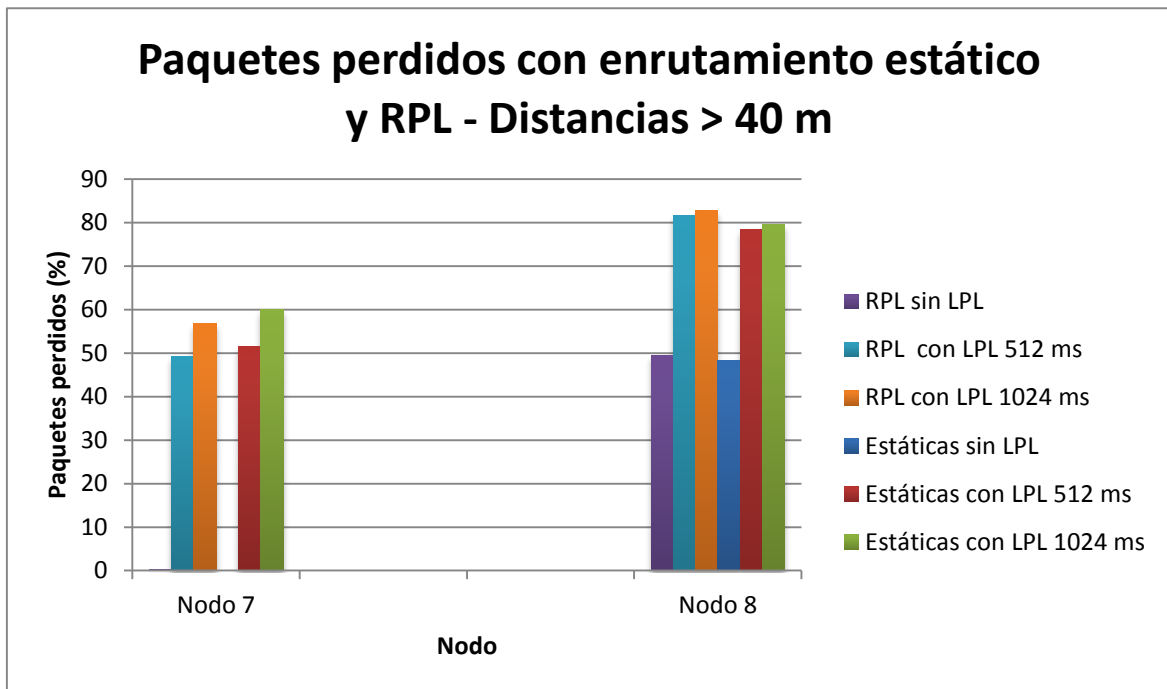
En la gráfica de la figura 37 se realiza una comparación similar a la anterior figura, pero esta vez, el enrutamiento que se realiza es dinámico con la aplicación del protocolo RPL. Se usa el protocolo LPL con los tiempos de 512 ms y 1024 ms para evaluar el comportamiento de la pérdida de paquetes.



**Figura 37. Comparación de pérdida de paquetes nodo 7 y nodo 8 con 6Lowpan enrutamiento dinámico y LPL.**

Los resultados que se obtuvieron son muy similares a la prueba anterior, en donde sin LPL la pérdida de paquetes es casi cero. De igual manera en el nodo 8 la pérdida de paquetes aumenta considerablemente sin LPL. El comportamiento con la aplicación de LPL con 512 ms Y 1024 ms es similar en cuanto que no existen diferencias significativas en los paquetes perdidos para los dos nodos. Los valores de pérdida de paquetes son mayores en el nodo 8, de manera similar a la prueba

anterior. El comportamiento en cuanto la pérdida de paquetes en los nodos con RPL y enrutamiento estático es similar. Las pruebas no presentan diferencias significativas. Esta comparación se analiza en la gráfica de la Figura 38.



**Figura 38. Comparación de pérdida de paquetes nodo 7 y nodo 8 con 6Lowpan, LPL y enrutamiento dinámico y estático**

Una segunda métrica de rendimiento de la red se realizó analizando los tiempos de los RTT enviados. En este aparte se aclara que se consideraron los paquetes que tenían acuse de recibo por parte del receptor, es decir, los que formaban el RTT. En estas pruebas se midió el tiempo de ida y regreso de estos paquetes. Un análisis previo indica que estos pueden sufrir retrasos debido al procesamiento en los nodos, los tiempos de entrega en los saltos y la aplicación del protocolo LPL. Además, algunos paquetes que se enviaron no tuvieron respuesta, este evento se

analizó en los resultados relacionados a la pérdida de paquetes, y por lo tanto, no se consideran un RTT.

#### **Prueba 4.**

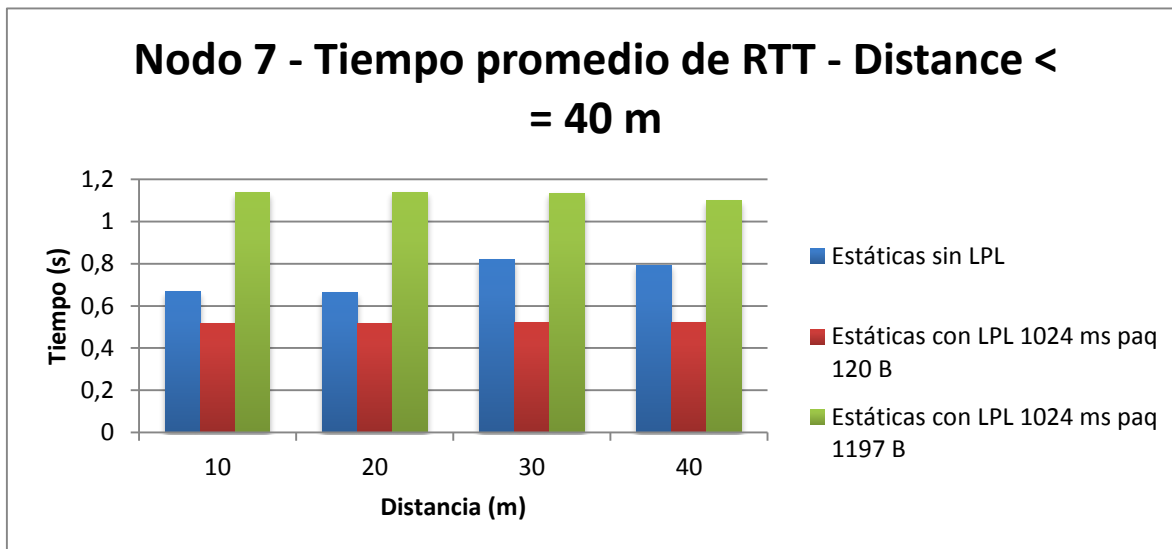
Primeramente se analizó el tiempo promedio en que se daba un RTT entre el nodo 1 y el nodo 7, es decir, para un salto a distancias progresivas hasta los 40 m. Para esto se promediaron los tiempos de los RTT obtenidos durante un tiempo de 5 segundos a diferentes distancias, como se muestra en la Tabla 9 a continuación:

**Tabla 9. Tiempo promedio de duración de RTT entre Nodo 7 y sumidero**

| <b>Tipo de prueba</b>                | <b>Duración promedio de RTT (s)</b> |           |           |           |
|--------------------------------------|-------------------------------------|-----------|-----------|-----------|
| Estáticas sin LPL                    | 0,67                                | 0,66      | 0,82      | 0,79      |
| Estáticas con LPL 1024 ms paq 120 B  | 0,52                                | 0,52      | 0,52      | 0,52      |
| Estáticas con LPL 1024 ms paq 1197 B | 1,14                                | 1,12      | 1,14      | 1,10      |
|                                      |                                     |           |           |           |
| <b>Distancia (m)</b>                 | <b>10</b>                           | <b>20</b> | <b>30</b> | <b>40</b> |

Estos resultados son mostrados en modo gráfico en la Figura 39 a continuación, en donde se analiza el retardo de los RTT (paquete de ida y de regreso) en el nodo 7 a distancias de 10, 20, 30 y 40 metros, con enrutamiento estático y sin LPL, con LPL y tamaños de paquetes de 120 Bytes y 1133 Bytes (1197 en wireshark):.





**Figura 39. Comparación de RTT promedios entre nodo 7 y sumidero con 6Lowpan, LPL y enrutamiento estático.**

En la figura 39 las pruebas muestran resultados similares para las cuatro distancias, en donde los RTT con un paquete de menor tamaño evidencian un mejor comportamiento en cuanto al tiempo promedio empleado, dado que el tiempo de procesamiento del nodo es menor, al igual que en la red. Además, al añadir el protocolo LPL y un paquete de 120 Bytes y compararlos con los RTT sin LPL y paquetes 1133, los tiempos son poco perceptibles (0,1 s), por lo que no se establece una diferencia significativa importante entre estas dos pruebas. Sin embargo, para un paquete de 1133 Bytes y el protocolo LPL se muestra un aumento de más del 50% en este aspecto en el tiempo empleado por el RTT.

En el caso particular de las pruebas sin LPL se observa que a medida que aumenta la distancia el tiempo de los RTT aumenta. Esta diferencia no es tan notoria en las otras dos pruebas, el RTT promedio se mantiene.

Finalmente, la prueba con mejores resultados es la de LPL con paquetes de 120 Bytes. Este aspecto es importante, dado que muestra la posibilidad de aplicar este protocolo pensando en el ahorro energético que ofrece y que ya fue apreciado en los trabajos de [98] y [99].

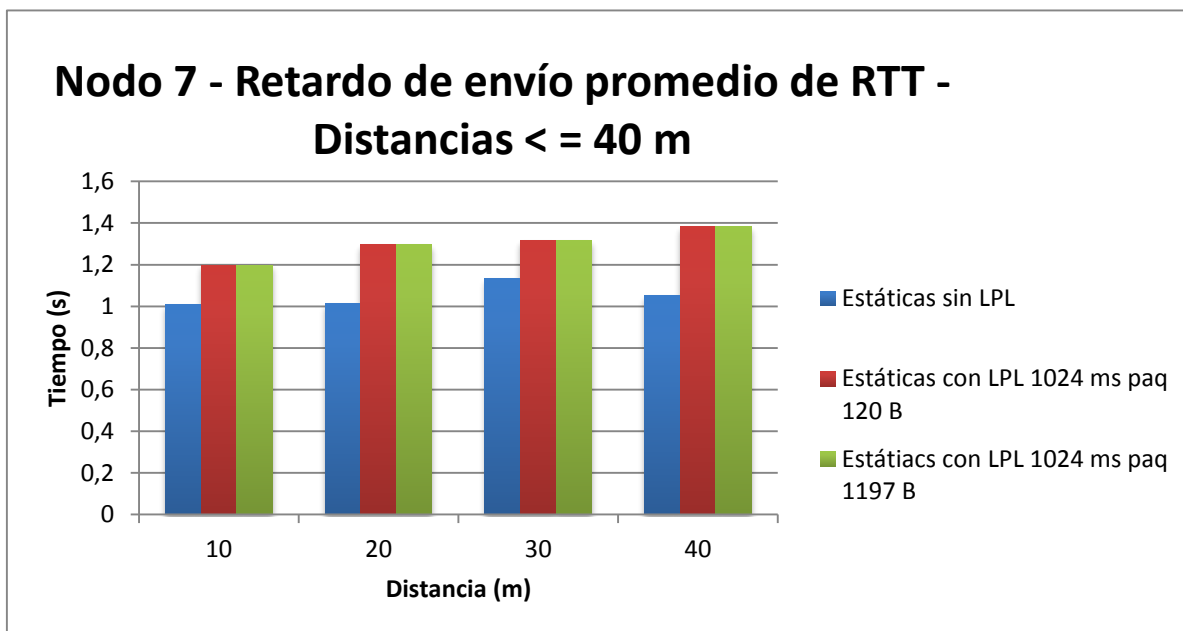
### Prueba 5.

Para esta prueba se realizó un análisis del promedio de los retardos en el envío de RTT a diferentes distancias entre el sumidero (nodo 1) y el nodo 7, es decir, se monitoreó el tiempo que transcurría entre el envío de un RTT y el siguiente durante un intervalo de 5 minutos, promediando los resultados para cada una de las distancias, lo cual se observa en la Tabla 10 a continuación:

**Tabla 10. Tiempo de retardo de envío de RTT con 6Lowpan y nodo 7 a distancias cortas**

| <b>Tipo de prueba</b>                | <b>Retardo de envío RTT Promedio (s)</b> |           |           |           |
|--------------------------------------|--|-----------|-----------|-----------|
| Estáticas sin LPL                    | 1,01                                     | 1,01      | 1,13      | 1,05      |
| Estáticas con LPL 1024 ms paq 120 B  | 1,20                                     | 1,30      | 1,31      | 1,38      |
| Estáticas con LPL 1024 ms paq 1197 B | 2,21                                     | 2,30      | 3,80      | 4,06      |
|                                      |  |           |           |           |
| <b>Distancia (m)</b>                 | <b>10</b>                                | <b>20</b> | <b>30</b> | <b>40</b> |

Es importante destacar que los RTT no se enviaban continuamente, es decir, hubo instantes de tiempo durante la prueba en donde no existió respuesta desde el receptor, por lo que se considera que fueron paquetes perdidos, es decir, en muchos casos los RTT no fueron consecutivos y transcurrieron diferentes duraciones de tiempos entre el envío de uno, y el siguiente. Estos resultados se muestran a través de la Figura 40.



**Figura 40. Comparación de promedio de retardos para RTT entre el nodo sumidero y el nodo 7, implementando 6Lowpan, LPL y enrutamiento estático.**

De la figura 40 se analiza que las pruebas son bastantes similares, en donde el menor retardo es apreciado sin la aplicación del protocolo LPL. Esto es entendible, dado que la aplicación de este ya implica un retardo de 1 segundo. Sin embargo, al aplicar el protocolo LPL, se evidencia que los retardos del envío de RTT son similares para paquetes de 120 Bytes y 1133 Bytes; esto implica que el tamaño del paquete no influye en el retardo del RTT, lo cual es importante para paquetes de tamaños máximos soportados por el protocolo 6lowpan. Se observa en estas pruebas que el retardo aumentó con la distancia, y entre 10 m y 40 se aprecian solo 0,2 s de diferencia, siendo el mínimo RTT de 1,2 s y el máximo de 1,4 s.

Las dos pruebas siguientes se realizaron de manera similar también para evaluar el rendimiento de la red con la topología mostrada en la figura 21. Para este caso,

se tiene un salto para el nodo 7 a 65 m y dos saltos en el nodo 8 a 100 m, tomando como origen el nodo 7.

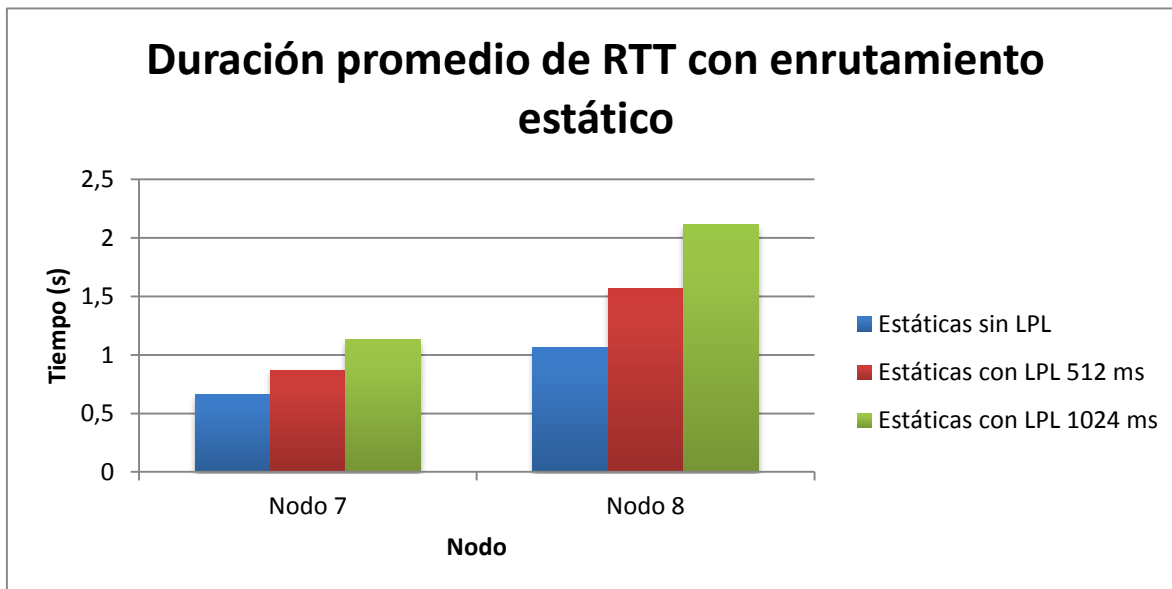
### Prueba 6

Inicialmente se corrió la prueba para evaluar los tiempos promedio de un RTT con enrutamiento estático. A diferencia de las pruebas anteriores el paquete en todos los casos es de 1133 (paquete máximo soportado) y se varió el tiempo de estado activo del protocolo LPL en 512 ms y 1024 ms, con base a las conclusiones obtenidas en [98] y [99]. Los promedios de los tiempos obtenidos en cada uno de los nodos se muestran en la Tabla 11 a continuación:

**Tabla 11. Tiempos de duración de RTT para escenario con dos nodos con 6Lowpan, enrutamiento estático y LPL.**

| <b>Duración promedio de RTT con enrutamiento estático</b> |                                     |               |
|---|-------------------------------------|---------------|
| <b>Tipo de prueba</b>                                     | <b>Duración promedio de RTT (s)</b> |               |
| Estáticas sin LPL   | 0,66                                | 1,07          |
| Estáticas con LPL 512 ms                                  | 0,87                                | 1,56          |
| Estáticas con LPL 1024 ms                                 | 1,13                                | 2,12          |
|   |                                     |               |
| <b>Nodo</b>   | <b>Nodo 7</b>                       | <b>Nodo 8</b> |

La figura 41, muestra los resultados graficados para esta prueba a continuación:



**Figura 41. Comparación de duración promedio de RTT entre nodo 7 y nodo 8 con el sumidero aplicando 6Lowpan, LPL y enrutamiento estático [Autor].**

De la figura 41 se evidencia que en los dos nodos se percibe un comportamiento similar en cuanto a los tiempos de los RTT para las tres pruebas (Sin LPL, LPL = 512 ms, LPL = 1024 ms), en donde, para el caso que no se aplica el protocolo LPL se obtienen tiempos de RTT más cortos. Esto es evidente, dado que al añadir retardos en las mismas condiciones se obtiene la gráfica mostrada en la figura 40. La figura 40 muestra diferencias no muy significativas en los RTT con LPL de 512 ms y 1024 ms, y las de No LPL y LPL de 512 ms, donde en el nodo 7 oscilan entre 0,3 s para ambos casos y en el nodo 8 en 0,5 s. Sin embargo, entre los 2 nodos las diferencias son apreciables entre la prueba de No LPL y LPL = 1024 ms, siendo en el nodo 8 más marcadas. Además, los retrasos en el nodo 8 son mayores en comparación con el nodo 7, en todos los casos, siendo casi el doble. Este resultado es predecible dado que al existir dos saltos se duplican los tiempos

en promedio, considerando que además se tienen equipos con características idénticas.

Aunque al no aplicar el protocolo LPL se obtienen mejores tiempos en cuanto los RTT, es evidente que esto provocará un consumo de energía mayor. Evaluando los otros dos casos se obtiene que la diferencia entre las pruebas de LPL con 512 ms y 1024 ms no son significativas y no producen un RTT demasiado elevado.

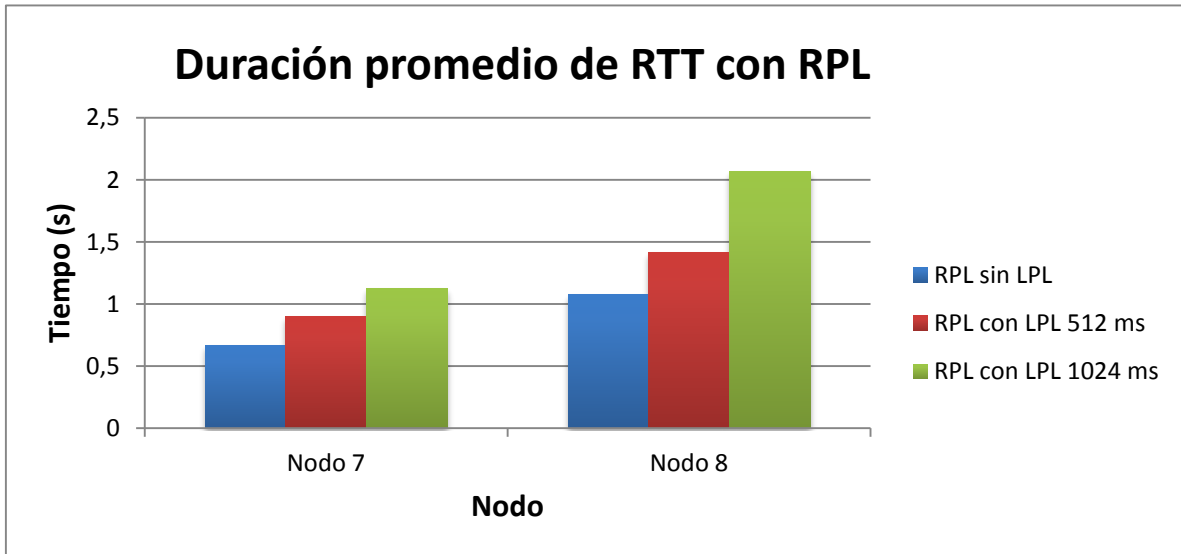
### **Prueba 7**

Estas mismas pruebas se realizaron seguidamente pero cambiando el enrutamiento estático por dinámico (RPL), obteniéndose los siguientes valores promedios en cuanto a los tiempos de los RTT mostrados en la Tabla 12 a continuación:

**Tabla 12. Tiempos de duración de RTT para escenario con dos nodos con 6Lowpan, RPL y LPL.**

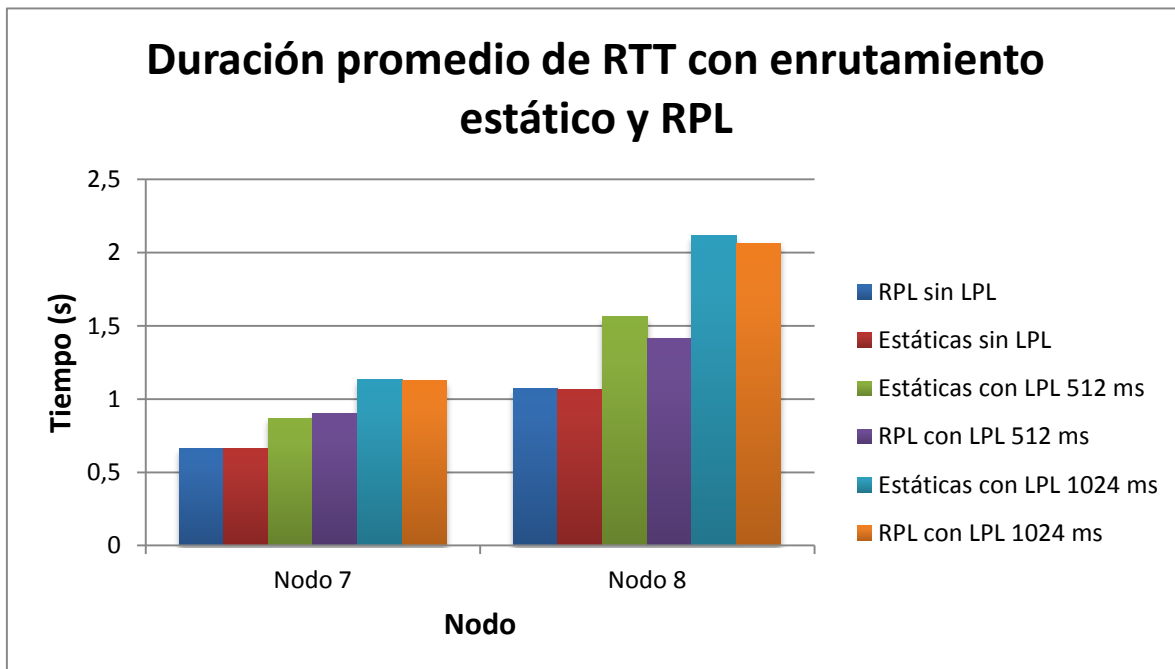
| <b>Duración promedio de RTT con enrutamiento dinámico (RPL)</b> |                                     |               |
|---|-------------------------------------|---------------|
| <b>Tipo de prueba</b>   | <b>Duración promedio de RTT (s)</b> |               |
| RPL sin LPL   | 0,66                                | 1,07          |
| RPL con LPL 512 ms  | 0,90                                | 1,41          |
| RPL con LPL 1024 ms   | 1,12                                | 2,07          |
|   |                                     |               |
| <b>Nodo</b>   | <b>Nodo 7</b>                       | <b>Nodo 8</b> |

Los resultados se graficaron en la figura 42 seguidamente:



**Figura 42. Comparación de duración promedio de RTT entre nodo 7 y nodo 8 con el sumidero aplicando 6Lowpan, LPL y enrutamiento dinámico.**

Los resultados mostrados en la figura 42 son similares a los analizados para el enrutamiento estático. Los valores promedio obtenidos para los RTT para todos los casos serían similares. Esta afirmación se expresa mejor en la figura 43 en donde se muestran la comparación de los enrutamientos estáticos y dinámicos.



**Figura 43. Comparación de duración promedio de RTT entre nodo 7 y nodo 8 con el sumidero aplicando 6Lowpan, LPL y enrutamiento estático y dinámico.**

Como se mencionó, la figura 43 evidencia que las dos pruebas son muy similares por lo que se puede afirmar que la aplicación del enrutamiento estático o dinámico no es un factor que genere implicaciones significativas para los tiempos de los RTT con el protocolo 6Lowpan. Esta es una conclusión importante dado que pueda ser extendida a otro tipo de paquetes diferentes a los generados por el comando Ping6, evaluados con el RTT.

### **Prueba 8.**

En cuanto a los retardos entre el envío de los RTT para los dos nodos, se obtuvieron los tiempos promedios con enrutamiento estático, analizando el

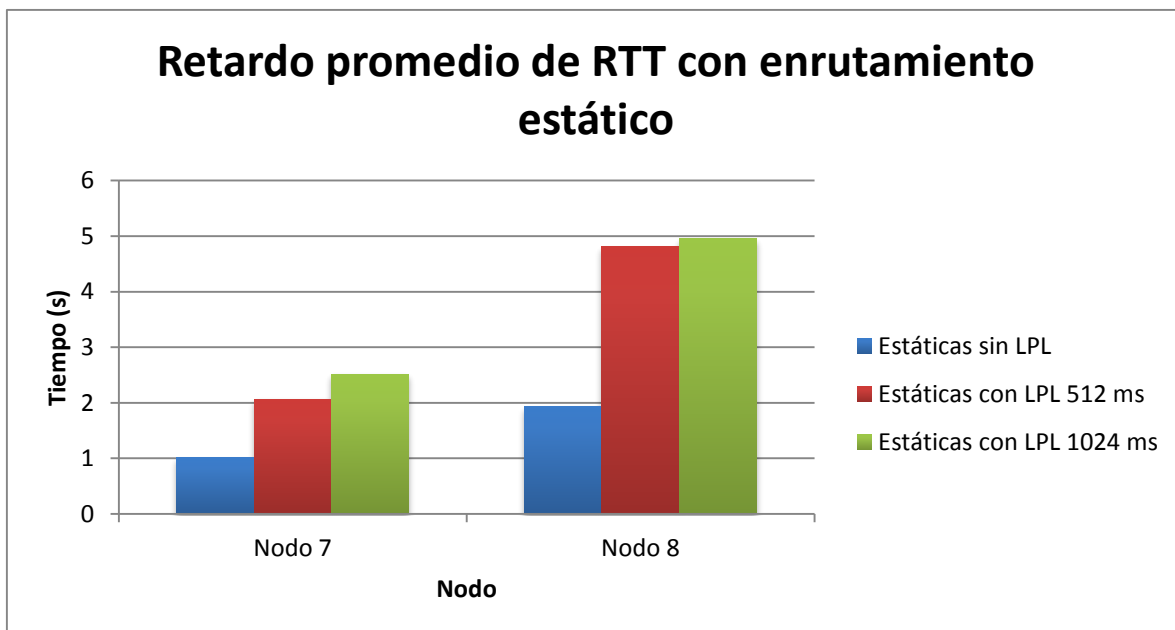


comportamiento sin LPL, con LPL 512 ms y con LPL 1024 ms como se muestra en la Tabla 13:

**Tabla 13. Retardo promedio con 6Lowpan, enrutamiento estático y LPL con dos nodos**

| Retardo promedio de RTT con enrutamiento estático |                             |               |
|---|-----------------------------|---------------|
| Tipo de prueba                                    | Retardo promedio de RTT (s) |               |
| Estáticas sin LPL                                 | 1,00                        | 1,93          |
| Estáticas con LPL 512 ms                          | 2,07                        | 4,81          |
| Estáticas con LPL 1024 ms                         | 2,52                        | 4,96          |
|   |                             |               |
| <b>Nodo</b>                                       | <b>Nodo 7</b>               | <b>Nodo 8</b> |

Estos resultados se graficaron para apoyar el análisis de las pruebas a continuación en la figura 44.



**Figura 44. Retardos promedios de RTT para nodo 7 y nodo 8 con el sumidero aplicando 6Lowpan, LPL y enrutamiento estático.**

De la figura 44, se analiza que los menores retardos promedios de envío de RTT se dan cuando no se aplica el protocolo LPL. En comparación con los otros dos casos en los nodos 7 y 8 hay diferencias significativas, dado que se obtienen valores de aproximadamente 1 s y 3 s, respectivamente. Sin embargo, al aplicar el protocolo LPL con tiempos de 512 ms y 1024 ms no se dan diferencias significativas en los retardos de envío de RTT. Esto implica que se podría tener un buen rendimiento energético con 1024 ms, sin afectar el envío de paquetes en comparación con 512 ms, en caso de aplicar el protocolo LPL con 6Lowpan.

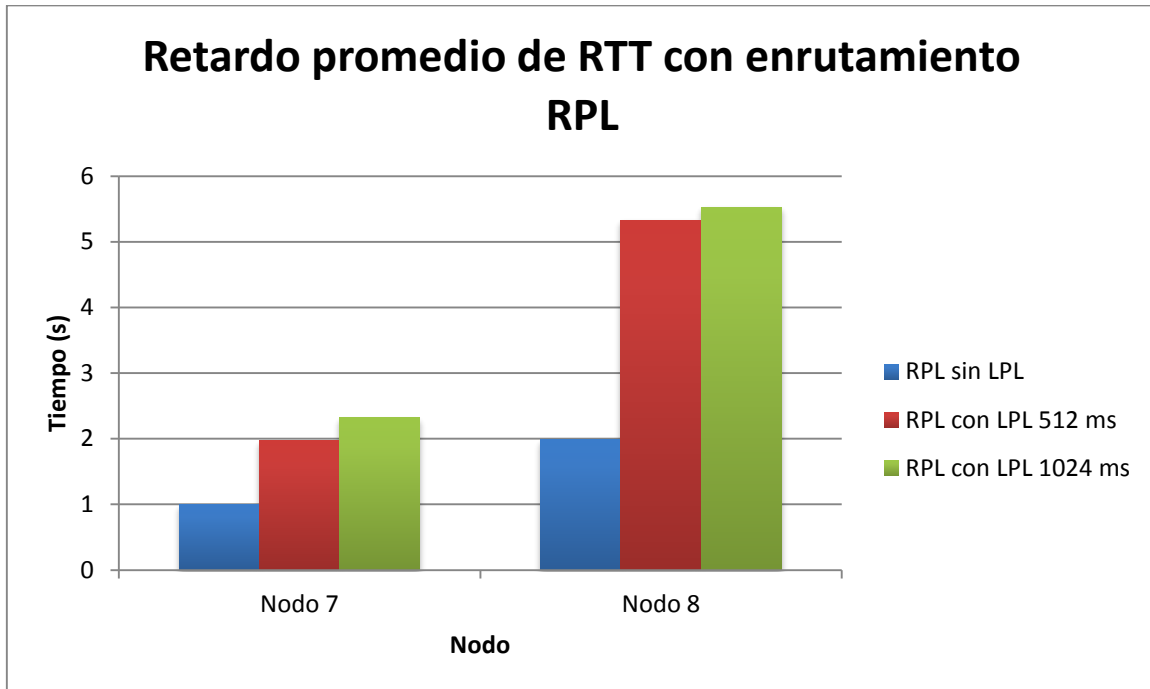
### Prueba 9

Esta misma prueba se repitió con direccionamiento dinámico, en donde los promedios de los tiempos de retardos se muestran en la Tabla 14:

**Tabla 14. Tiempos promedios de retardo para RTT con 6Lowpan, enrutamiento dinámico y LPL con dos nodos**

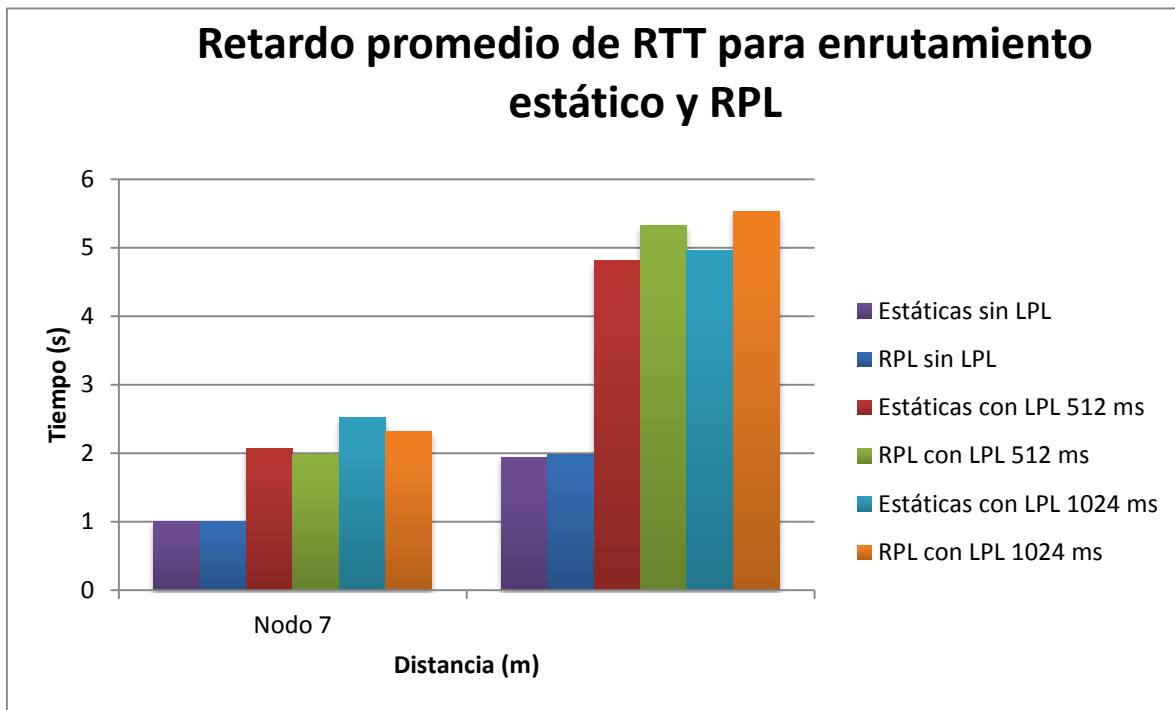
| Retardo promedio de RTT con enrutamiento dinámico |                             |               |
|---|-----------------------------|---------------|
| Tipo de prueba                                    | Retardo promedio de RTT (s) |               |
| RPL sin LPL                                       | 1,00                        | 1,98          |
| RPL con LPL 512 ms                                | 1,98                        | 5,33          |
| RPL con LPL 1024 ms                               | 2,33                        | 5,53          |
|   |                             |               |
| <b>Nodo</b>                                       | <b>Nodo 7</b>               | <b>Nodo 8</b> |

Estos resultados se reflejan en la gráfica 45 para una mejor apreciación.



**Figura 45. Retardos promedios de RTT para nodo 7 y nodo 8 con el sumidero aplicando 6Lowpan, LPL y enrutamiento dinámico.**

Los resultados para el retardo promedio de RTT con la aplicación del enrutamiento dinámico son similares; esto es que mientras no se aplica LPL se obtienen retardos mucho menores, que con la aplicación de este protocolo. Y que al implementar LPL con tiempos de 512 ms y 1024 ms se obtienen retardos de envío de RTT similares, no existiendo diferencias significativas entre estos. Los valores obtenidos en para el direccionamiento estático y dinámico son similares y se pueden analizar en la figura 46.



**Figura 46. Comparación de RTT promedios entre nodo 7 y nodo 8 con el sumidero aplicando 6Lowpan, LPL y enrutamiento estático y dinámico.**

La figura 46 evidencia que no existe una implicación directa entre la aplicación del enrutamiento estático o dinámico con el retardo promedio de los RTT, usando el protocolo 6lowpan.

### **Prueba 10.**

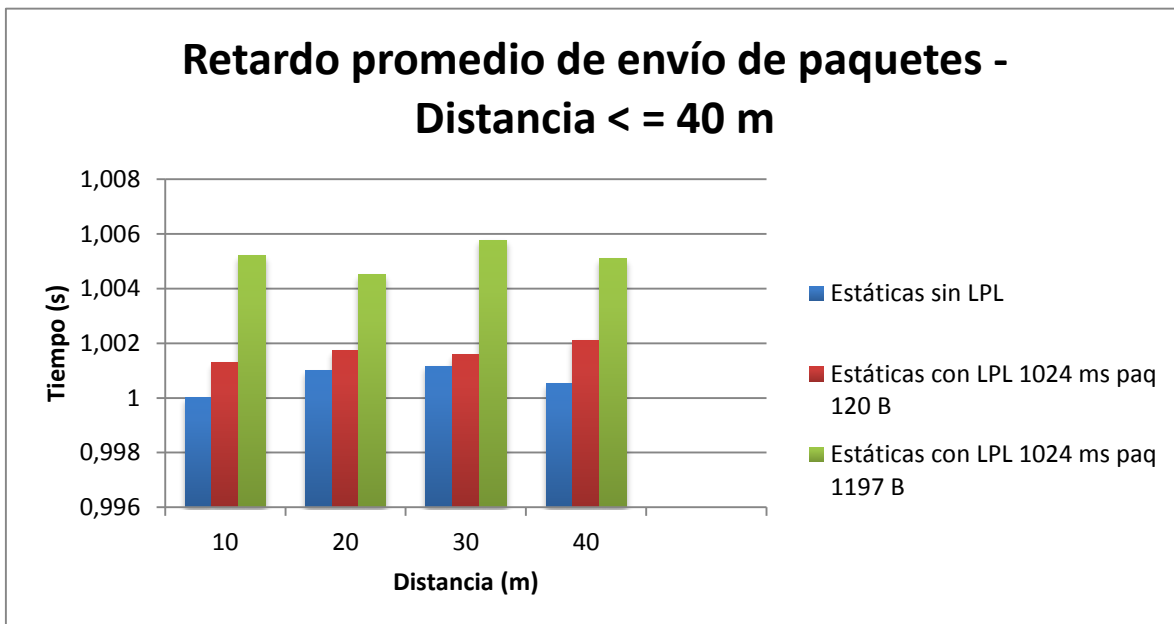
Otra métrica de desempeño que se llevó a cabo fue la relacionada con el envío de paquetes y el Jitter o variación del retardo. En este caso se tuvo en cuenta cada vez que se realizaba el envío de un paquete desde el sumidero, tuviera o no una respuesta efectiva (RTT). Este análisis, como en pruebas anteriores se hizo inicialmente a distancias cortas de 10 m, 20 m, 30 m y 40 m, variando las pruebas con la aplicación del protocolo LPL a 1024 ms y el tamaño del paquete a 120

Bytes y 1133 Bytes. Los tiempos promedios de envío de paquetes se muestran en la Tabla 15 a continuación:

**Tabla 15. Retardo promedio de envío de paquetes con 6lowpan entre nodo 7 y sumidero con LPL**

| Tipo de Prueba                       | Retardo envío Promedio |           |           |           |
|--------------------------------------|------------------------|-----------|-----------|-----------|
|                                      | 10                     | 20        | 30        | 40        |
| Estáticas sin LPL                    | 1,00                   | 1,00      | 1,00      | 1,00      |
| Estáticas con LPL 1024 ms paq 120 B  | 1,00                   | 1,00      | 1,00      | 1,00      |
| Estáticas con LPL 1024 ms paq 1197 B | 1,01                   | 1,00      | 1,01      | 1,01      |
|                                      |                        |           |           |           |
| <b>Distancia (m)</b>                 | <b>10</b>              | <b>20</b> | <b>30</b> | <b>40</b> |

Estos resultados se muestran en la figura 47 de modo gráfico.



**Figura 47. Retardo de envío de paquetes desde sumidero a nodo 7.**

De la figura 47, se analiza que el envío de los paquetes se realiza con retardos muy cortos, cercanos al segundo, en donde al tener un payload de 1133 Bytes este aumenta, más no de manera significativa. Los tiempos de envío de paquetes obedecen a que el comando Ping6 realiza esta acción alrededor de cada segundo en su configuración básica. Los retardos que se establecen son del orden de los milisegundos, y están asociados a tiempos de procesamientos. Aunque para la prueba con un tamaño de paquete de 1133 Bytes y el protocolo LPL activo se nota que los retardos aumentan, la diferencia radica en casi 5 ms en el peor de los casos. Esto es claramente al mayor tamaño de paquete que debe procesar el sumidero.

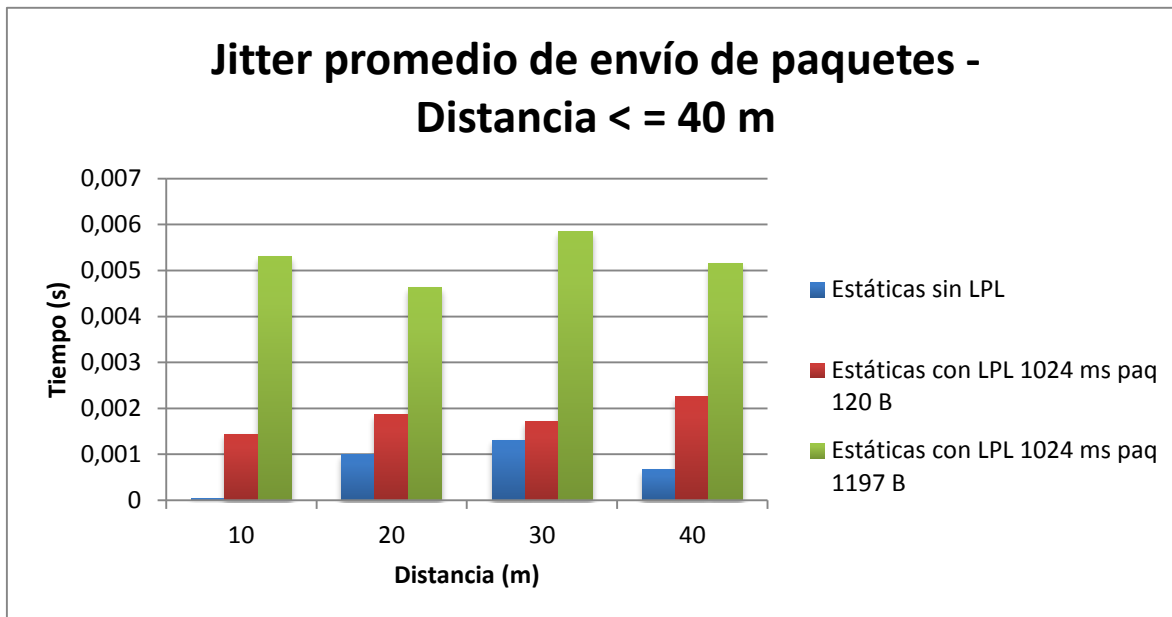
#### **Prueba 11.**

La variación del retardo de envío de paquetes se analiza a través del Jitter, en donde para este se tuvo en cuenta el retardo promedio del envío de los paquetes desde el nodo 1 al nodo 7 para distancias menores a 40 m y se obtuvieron las variaciones con relación a cada muestra tomada. Se obtuvieron varios Jitter por muestra, los cuales se promediaron para cada distancia analizada en la Tabla 16.

**Tabla 16. Jitter para envío de paquetes del nodo 7 al suidero con 6Lowpan y LPL**

| <b>Tipo de prueba</b>                | <b>Jitter Promedio</b> |           |           |           |
|--------------------------------------|------------------------|-----------|-----------|-----------|
| Estáticas sin LPL                    | 0,000                  | 0,001     | 0,001     | 0,001     |
| Estáticas con LPL 1024 ms paq 120 B  | 0,001                  | 0,002     | 0,001     | 0,002     |
| Estáticas con LPL 1024 ms paq 1197 B | 0,005                  | 0,005     | 0,005     | 0,005     |
|                                      |                        |           |           |           |
| <b>Distancia (m)</b>                 | <b>10</b>              | <b>20</b> | <b>30</b> | <b>40</b> |

Estos valores se grafican en la figura 48 para apoyar la interpretación de los resultados.



**Figura 48. Jitter para envío de paquetes desde sumidero a nodo 7.**

En este caso las variaciones de retardo para el envío de paquetes son más notorias en la prueba con un tamaño de payload máximo y LPL aplicado. Sin embargo dichas variaciones son bastante pequeñas e imperceptibles, del orden de los milisegundos, asociadas a los tiempos de procesamiento. De estas pruebas se puede afirmar que aunque existe más estabilidad en el envío de paquetes sin LPL o con LPL y paquetes de 120 Bytes, para la prueba de LPL de 1024 ms y paquete de 1133 Bytes no existen diferencias de tiempos muy elevadas, que pasan a ser imperceptibles en la red.

Estas mismas pruebas se repitieron para un escenario dos nodos y un sumidero, como lo muestra la topología de la figura 21, en donde además de usar

direccionamiento estático se aplicó direccionamiento dinámico (RPL) y se usó un LPL de 512 ms con tamaños similares de paquete de 1133 Bytes.

### **Prueba 12.**

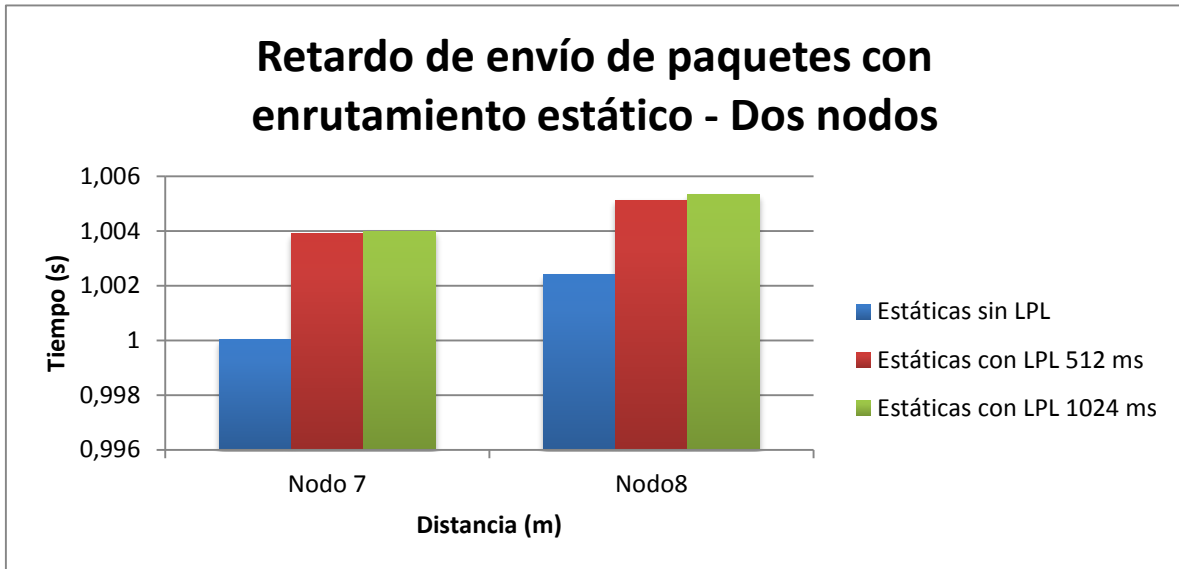
El primer análisis en esta prueba se realizó con enrutamiento estático y los tiempos promedios tomados durante 5 minutos se tienen en la Tabla 17 a continuación:

**Tabla 17. Retardo promedio de envío de paquetes para dos nodos con 6Lowpan, enrutamiento estático y LPL**

| <b>Retardo promedio de envío de paquetes con enrutamiento dinámico</b> |  |               |
|--|--|---------------|
| <b>Tipo de prueba</b>  | <b>Retardo promedio de envío de paquetes (s)</b> |               |
| Estáticas sin LPL  | 1,000  | 1,002         |
| Estáticas con LPL 512 ms   | 1,003  | 1,005         |
| Estáticas con LPL 1024 ms  | 1,004  | 1,005         |
|  |  |               |
| <b>Nodo</b>  | <b>Nodo 7</b>                                    | <b>Nodo 8</b> |

El análisis de estos resultados se muestra en la figura 49.





**Figura 49. Retardo de envío de paquetes con 6Lowpan, enrutamiento estático y LPL.**

Las pruebas para el nodo 7 y nodo 8 son similares en cuanto al comportamiento del retardo en el envío de paquetes. En ambos casos se puede apreciar que un mejor comportamiento se obtiene sin aplicar el protocolo LPL, pero esto a largo plazo provocará un mayor desgaste de la energía en las baterías. También se aprecia que al aplicar el protocolo LPL con tiempos de activos de 512 ms y 1024 ms no existe una diferencia significativa entre uno y otro. Además, aunque los tiempos de retardo de envío de paquetes son del orden de los milisegundos, la diferencia cuando se aplica el protocolo LPL es de casi 4 ms en ambos casos.

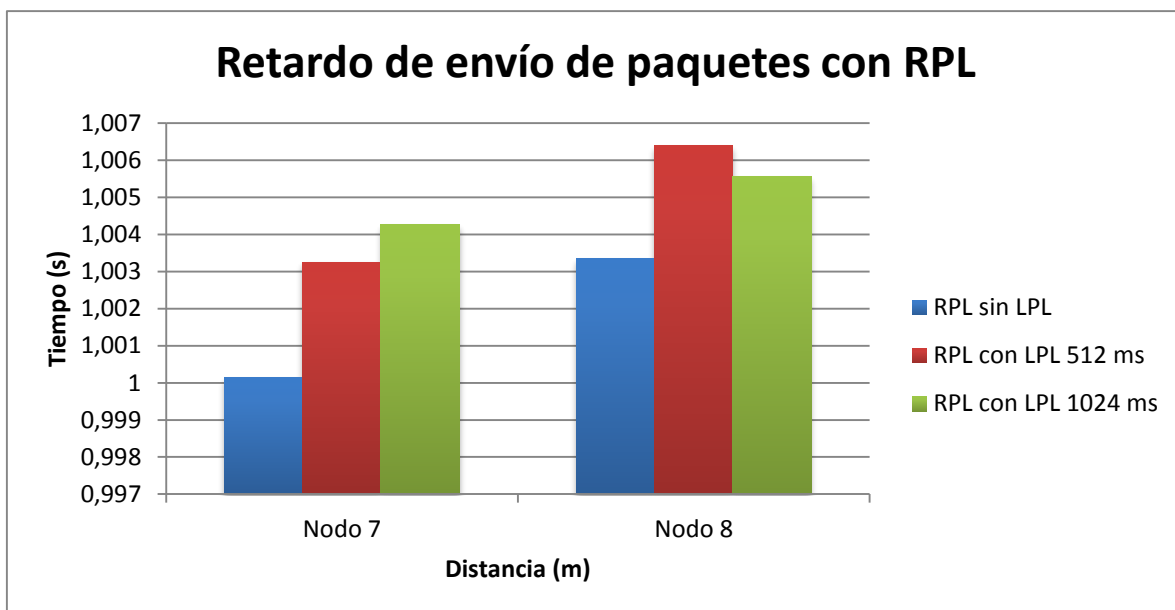
### **Prueba 13.**

En esta prueba, a diferencia de la anterior, se aplica el direccionamiento dinámico, en donde los tiempos promedios de retardo se tiene en la Tabla 18:

**Tabla 18. Retardo promedio de envío de paquetes para dos nodos con 6Lowpan, RPL y LPL**

| Retardo promedio de envío de paquetes con RPL |   |               |
|---|---|---------------|
| Tipo de prueba                                | Retardo promedio de envío de paquetes (s) |               |
| RPL sin LPL                                   | 1,000                                     | 1,003         |
| RPL con LPL 512 ms                            | 1,003                                     | 1,006         |
| RPL con LPL 1024 ms                           | 1,004                                     | 1,006         |
|   |   |               |
| <b>Nodo</b>                                   | <b>Nodo 7</b>                             | <b>Nodo 8</b> |

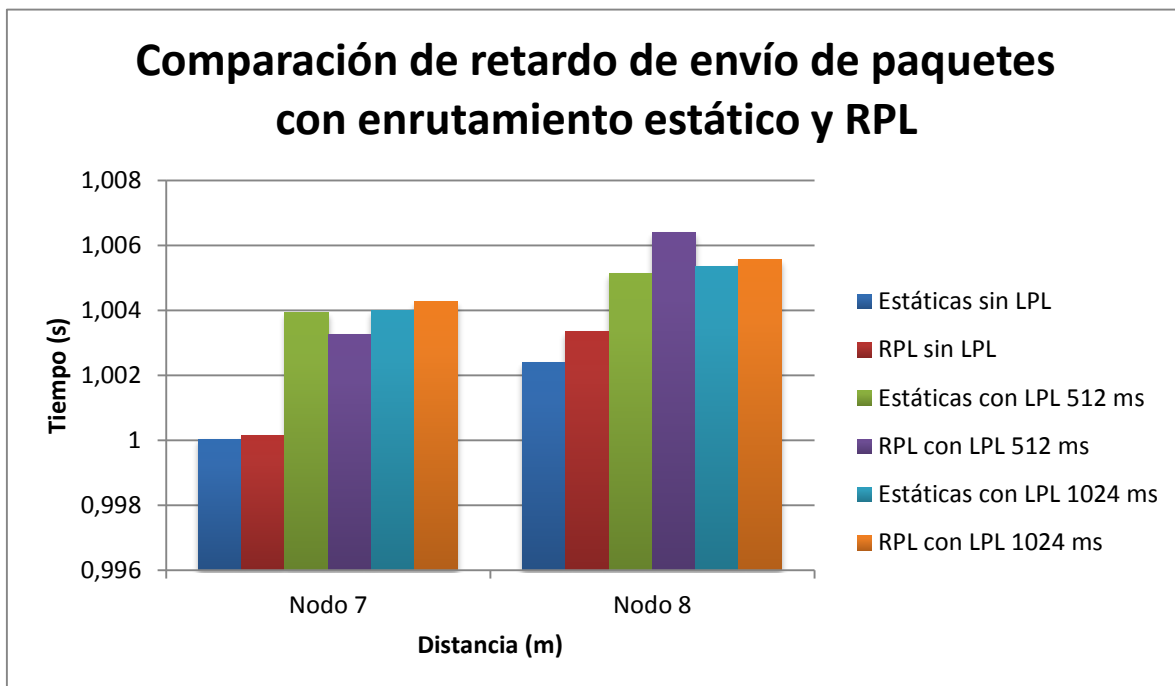
Los resultados se pueden analizar en la figura 50 a continuación:



**Figura 50. Retardo de envío de paquetes con 6Lowpan, enrutamiento dinámico y LPL.**

Para este caso mostrado en la figura 50 se tiene un comportamiento similar al de la prueba 11, en donde se evidencian mejores resultados para la prueba sin la aplicación del protocolo LPL. No se observan diferencias significativas entre las

otras dos pruebas restantes con LPL de 512 ms y 1024 ms. Además las diferencias de tiempo entre los mejores resultados y los de mayor retardo están en aproximadamente 4 ms para los dos nodos. Los resultados son similares en con los dos tipos de enrutamiento, y esto se puede analizar en la figura 51.



**Figura 51. Comparación de retardo de envío de paquetes con 6Lowpan y LPL para enrutamiento dinámico y estático.**

La figura 51 muestra que los enrutamientos dinámicos o estáticos no inciden en el retardo de envío de paquetes. Además que al aplicar el protocolo LPL no existen diferencias sustanciales entre las pruebas con los tiempos activos de 512 ms y 1024 ms, por lo que se puede entender con este último se obtendría mejor rendimiento energético.

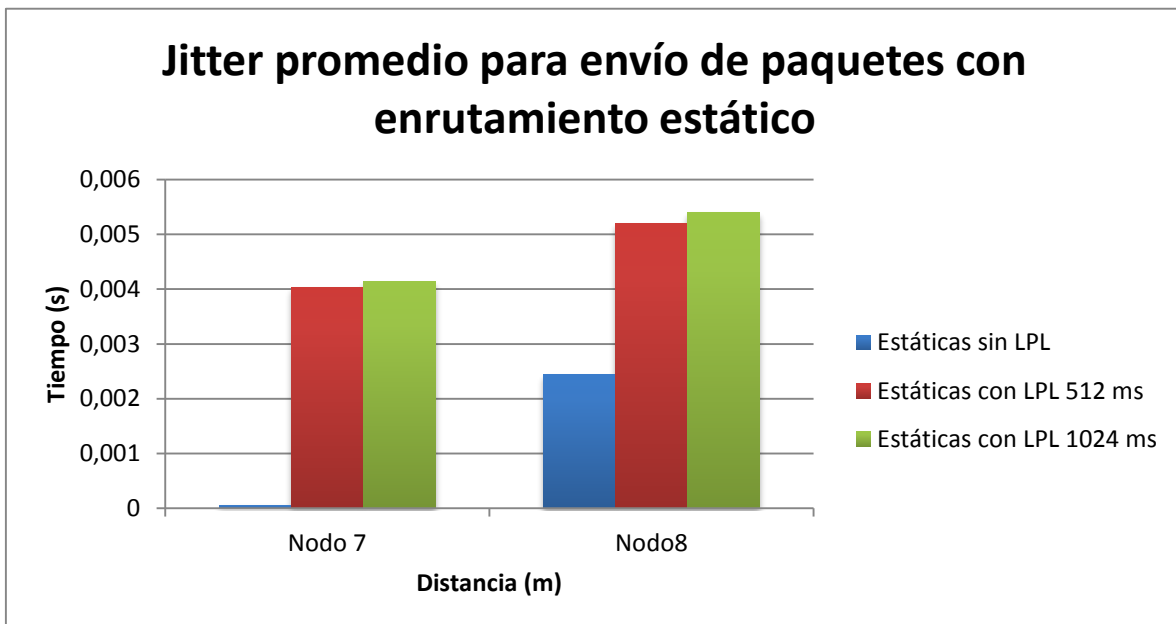
### Prueba 14.

Para los dos casos anteriores se analizó la variación del retardo a través del Jitter, en donde los promedios obtenidos para cada nodo se muestran en la tabla 19 para el direccionamiento estático:

**Tabla 19. Jitter para dos nodos con 6Lowpan, direccionamiento estático y LPL**

| Retardo promedio de envío de paquetes con enrutamiento dinámico |   |               |
|---|---|---------------|
| Tipo de prueba  | Retardo promedio de envío de paquetes (s) |               |
| Estáticas sin LPL   | 0,000                                     | 0,002         |
| Estáticas con LPL 512 ms  | 0,004                                     | 0,005         |
| Estáticas con LPL 1024 ms                                       | 0,004                                     | 0,005         |
|   |   |               |
| <b>Nodo</b>   | <b>Nodo 7</b>                             | <b>Nodo 8</b> |

La figura 52 muestra un análisis para el jitter con direccionamiento estático.



**Figura 52. Jitter para retardo de envío de paquetes con 6Lowpan, enrutamiento estático y LPL.**

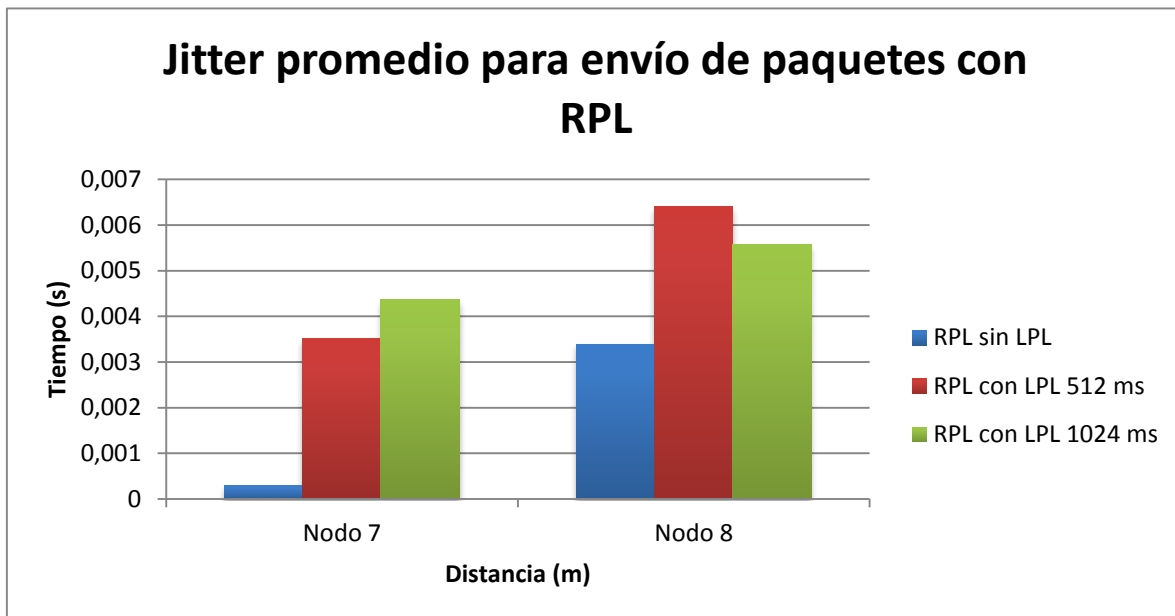
En esta prueba con direccionamiento estático se muestran variaciones muy bajas para todos los casos, inferiores a un tiempo de 6 ms. Se analiza un menor Jitter para las pruebas sin LPL, mientras que en las otras dos pruebas no hay diferencias sustanciales entre los tiempos de 512 ms y 1024 ms. El máximo jitter se tiene que es de aproximadamente 0,4 ms y se da en las pruebas con LPL activo.

**Prueba 15.**

Para el direccionamiento dinámico se hizo un análisis similar al de la prueba 13, y los datos promedios obtenidos se muestran en la Tabla 20 y en la figura 53 seguidamente.

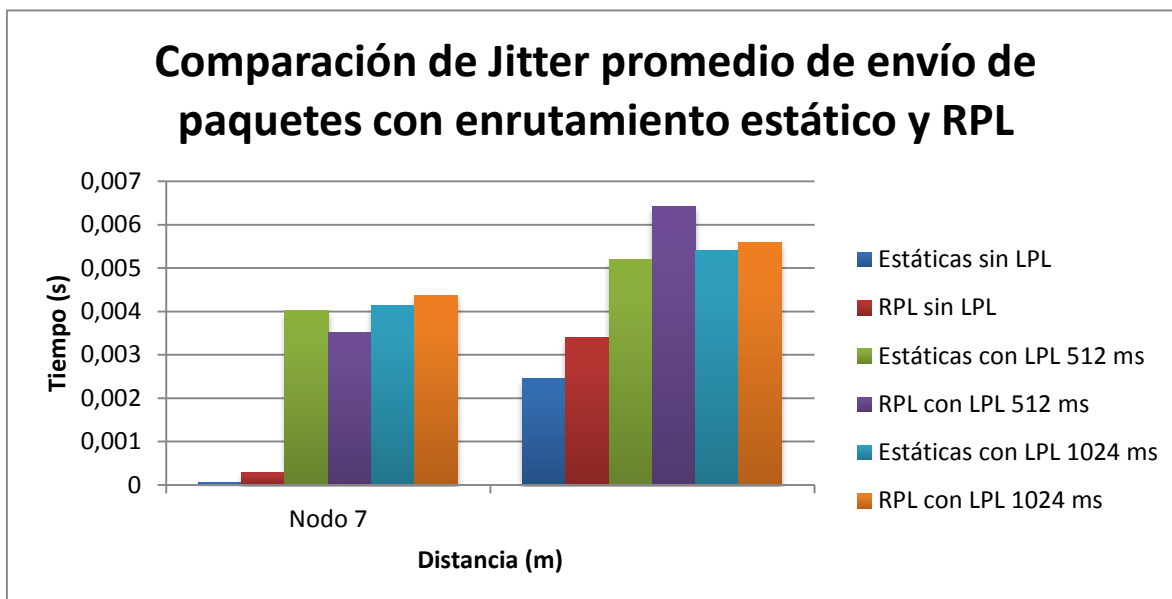
**Tabla 20. Jitter para dos nodos con 6Lowpan, RPL y LPL**

| <b>Retardo promedio de envío de paquetes con RPL</b> |  |               |
|--|--|---------------|
| <b>Tipo de prueba</b>                                | <b>Retardo promedio de envío de paquetes (s)</b> |               |
| RPL sin LPL  | 0,000  | 0,003         |
| RPL con LPL 512 ms                                   | 0,003  | 0,006         |
| RPL con LPL 1024 ms                                  | 0,004  | 0,005         |
|  |  |               |
| <b>Nodo</b>  | <b>Nodo 7</b>                                    | <b>Nodo 8</b> |



**Figura 53. Jitter para retardo de envío de paquetes con 6Lowpan, enrutamiento dinámico y LPL.**

La figura 53 muestra valores muy similares a los obtenidos en la figura anterior, por lo que se pueden sacar análisis similares, en cuanto a que sin LPL existen menores valores para el Jitter y que los valores de este con LPL activo no son distantes para tiempos de 512 ms y 1024 ms. Al comparar los dos análisis, en cuanto a los enrutamientos, se observa que estos no inciden en los valores que pueda tomar esta métrica, dado la similitud de valores, como se muestra en la figura 54 a continuación.



**Figura 54. Comparación de Jitter en retardo de envío de paquetes con 6Lowpan y LPL para enrutamiento dinámico y estático**

A nivel general en la tabla 21 y tabla 22 se presentan los resultados obtenidos en los dos escenarios planteados, para distancias cortas y con dos nodos en red:

**Tabla 21. Consolidado de resultados de acuerdo a las métricas evaluadas para distancias <= 40 m**

| PRUEBAS A DISTANCIAS CORTAS CON LÍNEA DE VISA (DISTANCIAS <= 40m) |   |  |  |
|---|---|--|--|
| MÉTRICAS  | PRUEBAS   |  |  |
|   | 6Lowpan sin LPL   | 6Lowpan con LPL de 1024 ms paquete de 120 Bytes  | 6Lowpan con LPL de 1024 ms paquete de 1133 Bytes   |
| <b>Pérdida de paquetes</b>  | <ul style="list-style-type: none"> <li>No existe tiempo de escaneo de canal implementado para ahorro energético</li> <li>Menor que en otras pruebas.</li> </ul> | <ul style="list-style-type: none"> <li>Tiempo de escaneo de canal implementado para ahorro energético</li> <li>Aumenta levemente con la distancia</li> </ul> | <ul style="list-style-type: none"> <li>Tiempo de escaneo de canal implementado para ahorro energético</li> <li>Mayor que en otras pruebas</li> </ul> |

| <b>PRUEBAS A DISTANCIAS CORTAS CON LÍNEA DE VISA (DISTANCIAS &lt;= 40m)</b> |   |   |   |
|---|---|---|---|
| <b>MÉTRICAS</b>   | <b>PRUEBAS</b>  |   |   |
|   | <b>6Lowpan sin LPL</b>  | <b>6Lowpan con LPL de 1024 ms paquete de 120 Bytes</b>  | <b>6Lowpan con LPL de 1024 ms paquete de 1133 Bytes</b>   |
|   |   |   | <ul style="list-style-type: none"> <li>• Aumenta con la distancia</li> </ul>  |
| <b>Duración de RTT</b>  | <ul style="list-style-type: none"> <li>• Tiempos de 0,6 s y 0,8 s</li> <li>• No existe tiempo de escaneo de canal implementado para ahorro energético</li> </ul>  | <ul style="list-style-type: none"> <li>• Tiempos de 0,5 s aproximadamente</li> <li>• Tiempo de escaneo de canal implementado para ahorro energético</li> <li>• Menor tiempo que en otras pruebas</li> </ul>   | <ul style="list-style-type: none"> <li>• Tiempos de 1,1 s aproximadamente</li> <li>• Tiempo de escaneo de canal implementado para ahorro energético</li> <li>• Mayor tiempo que en otras pruebas</li> <li>• Diferencia de 0,6 s en comparación con paquetes de 120 B</li> </ul> |
| <b>Retardo de envío de RTT</b>  | <ul style="list-style-type: none"> <li>• No existe tiempo de escaneo de canal implementado para ahorro energético</li> <li>• Tiempos entre 1 s y 1,2 s</li> <li>• Menor que en otras pruebas</li> </ul> | <ul style="list-style-type: none"> <li>• Tiempo de escaneo de canal implementado para ahorro energético</li> <li>• Tiempos entre 1 s, 2 s y 1,4 s</li> <li>• Similar al de paquetes de 1133 B</li> </ul>  | <ul style="list-style-type: none"> <li>• Tiempo de escaneo de canal implementado para ahorro energético</li> <li>• Tiempos entre 1 s, 2 s y 1,4 s</li> <li>• Similar al de paquetes de 120 B</li> </ul>   |
| <b>Retardo envío de paquetes</b>  | <ul style="list-style-type: none"> <li>• No existe tiempo de escaneo de canal implementado para ahorro energético</li> <li>• Tiempos de 1s</li> <li>• Menor que en otras pruebas.</li> </ul>            | <ul style="list-style-type: none"> <li>• Tiempo de escaneo de canal implementado para ahorro energético</li> <li>• Tiempos de 1,001 s</li> <li>• Ofrece un retardo promedio, aunque poco significativo (diferencia de un 1ms en comparación sin LPL)</li> </ul> | <ul style="list-style-type: none"> <li>• Tiempo de escaneo de canal implementado para ahorro energético</li> <li>• Tiempos de 1,005 s</li> <li>• Mayor retardo, aunque poco significativo (diferencia de 4 ms en comparación sin LPL)</li> </ul>                                |
| <b>Jitter envío de paquetes</b>   | <ul style="list-style-type: none"> <li>• No existe tiempo de escaneo de canal implementado para ahorro energético</li> <li>• Tiempos de 1 ms</li> <li>• Menor que en otras pruebas.</li> </ul>          | <ul style="list-style-type: none"> <li>• Tiempo de escaneo de canal implementado para ahorro energético</li> <li>• Tiempos de 2 ms</li> <li>• Mayor que sin LPL, pero poco significativo (Diferencia de 1 ms)</li> </ul>  | <ul style="list-style-type: none"> <li>• Tiempo de escaneo de canal implementado para ahorro energético</li> <li>• Tiempos de 5 ms</li> <li>• Mayor que sin LPL, pero poco significativo (Diferencia de 4 ms)</li> </ul>  |





**Tabla 22. Consolidado de resultados de acuerdo a las métricas evaluadas para escenario de dos nodos con 6Lowpan.**

| PRUEBAS CON ENRUTAMIENTO ESTÁTICO PARA DOS NODOS |  |   |   |  |   |  |
|--|--|---|---|--|---|--|
| MÉTRICAS   | ANÁLISIS REALIZADOS  |   |   |  |   |  |
|  | 6Lowpan con enrutamiento estático y sin LPL  | 6Lowpan con enrutamiento estático y LPL de 512 ms   | 6Lowpan con enrutamiento estático y LPL de 1024 ms  | 6Lowpan con RPL y sin LPL  | 6Lowpan con RPL y LPL de 512 ms   | 6Lowpan con RPL y LPL de 1024 ms   |
| <b>Pérdida de paquetes</b>                       | <ul style="list-style-type: none"> <li>No existe tiempo de escaneo de canal implementado para ahorro energético</li> <li>Cercana a cero</li> </ul> | <ul style="list-style-type: none"> <li>Tiempo de escaneo de canal implementado para ahorro energético</li> <li>Mediana</li> <li>Menor en el nodo 7 que en el nodo 8.</li> <li>Similar a con LPL de 1024 ms</li> </ul> | <ul style="list-style-type: none"> <li>Mejoras en tiempos de escaneo de canal para ahorro energético</li> <li>Mediana</li> <li>Menor en el nodo 7 que en el nodo 8.</li> <li>Similar a LPL de 512 ms</li> </ul> | <ul style="list-style-type: none"> <li>No existe ahorro energético</li> <li>Cercana a cero.</li> <li>Resultados similares con enrutamiento estático</li> </ul> | <ul style="list-style-type: none"> <li>Tiempo de escaneo de canal implementado para ahorro energético implementado</li> <li>Mediana</li> <li>Menor en el nodo 7 que en el nodo 8.</li> <li>Similar a con LPL de 1024 ms.</li> <li>Resultados similares con enrutamiento estático</li> </ul> | <ul style="list-style-type: none"> <li>Mejoras en tiempos de escaneo de canal para ahorro energético</li> <li>Mediana</li> <li>Menor en el nodo 7 que en el nodo 8.</li> <li>Similar a con LPL de 512 ms.</li> <li>Resultados similares con enrutamiento estático</li> </ul> |

| PRUEBAS CON ENRUTAMIENTO ESTÁTICO PARA DOS NODOS |   |  |  |   |   |  |
|--|---|--|--|---|---|--|
| MÉTRICAS   | ANÁLISIS REALIZADOS   |  |  |   |   |  |
|  | 6Lowpan con enrutamiento estático y sin LPL   | 6Lowpan con enrutamiento estático y LPL de 512 ms  | 6Lowpan con enrutamiento estático y LPL de 1024 ms   | 6Lowpan con RPL y sin LPL   | 6Lowpan con RPL y LPL de 512 ms   | 6Lowpan con RPL y LPL de 1024 ms   |
| <b>Duración de RTT</b>                           | <ul style="list-style-type: none"> <li>No existe tiempo de escaneo de canal implementado para ahorro energético</li> <li>Tiempos de 0,6 s para nodo 7 y 1 s para el nodo 8</li> </ul> | <ul style="list-style-type: none"> <li>Tiempo de escaneo de canal implementado para ahorro energético</li> <li>Mayor que sin LPL</li> <li>Tiempos de 0,8 s para el nodo 7 y 1,6 para el nodo 8.</li> </ul> | <ul style="list-style-type: none"> <li>Mejor tiempo de escaneo de canal implementado para ahorro energético</li> <li>Mayor tiempo de 1,1 s para el nodo 7 y 2,1 para el nodo 8.</li> </ul> | <ul style="list-style-type: none"> <li>No existe tiempo de escaneo de canal implementado para ahorro energético</li> <li>Tiempos de 0,6 s para nodo 7 y 1,1 s para el nodo 8).</li> <li>Resultados similares con enrutamiento estático</li> </ul> | <ul style="list-style-type: none"> <li>Tiempo de escaneo de canal implementado para ahorro energético</li> <li>Mayor que sin LPL</li> <li>Tiempo de 0,9 s para el nodo 7 y 1,4 para el nodo 8.</li> <li>Resultados similares con enrutamiento estático</li> </ul> | <ul style="list-style-type: none"> <li>Mejor tiempo de escaneo de canal implementado para ahorro energético</li> <li>Mayores tiempos de 1,1 s para el nodo 7 y 2,1 para el nodo 8.</li> <li>En comparación sin LPL los tiempos oscilan entre 0,5 s para el nodo 7 y 1 s para el nodo 8.</li> <li>Resultados similares con enrutamiento estático</li> </ul> |
| <b>Retardo de envío de RTT</b>                   | <ul style="list-style-type: none"> <li>No existe tiempo de escaneo de canal implementado para ahorro energético</li> </ul>  | <ul style="list-style-type: none"> <li>Tiempo de escaneo de canal implementado para ahorro energético</li> <li>Tiempos de 2 s</li> </ul>   | <ul style="list-style-type: none"> <li>Mejor Tiempo de escaneo de canal implementado para ahorro energético</li> <li>Tiempos de 2 s para el nodo 7 y 5</li> </ul>                          | <ul style="list-style-type: none"> <li>No existe tiempo de escaneo de canal implementado para ahorro energético</li> </ul>  | <ul style="list-style-type: none"> <li>Tiempo de escaneo de canal implementado para ahorro energético</li> <li>Tiempos de 2 s</li> </ul>  | <ul style="list-style-type: none"> <li>Mejor tiempo de escaneo de canal implementado para ahorro energético</li> <li>Tiempos de 2,1</li> </ul>   |

| PRUEBAS CON ENRUTAMIENTO ESTÁTICO PARA DOS NODOS |  |   |  |  |  |   |
|--|--|---|--|--|--|---|
| MÉTRICAS   | ANÁLISIS REALIZADOS  |   |  |  |  |   |
|  | 6Lowpan con enrutamiento estático y sin LPL  | 6Lowpan con enrutamiento estático y LPL de 512 ms   | 6Lowpan con enrutamiento estático y LPL de 1024 ms   | 6Lowpan con RPL y sin LPL  | 6Lowpan con RPL y LPL de 512 ms  | 6Lowpan con RPL y LPL de 1024 ms  |
|  | <ul style="list-style-type: none"> <li>Tiempos de 1 s para el nodo 7 y 2 s para el nodo 8</li> </ul>   | <ul style="list-style-type: none"> <li>para el nodo 7 y 5 s para el nodo 8.</li> <li>Similar para LPL de 1024 ms</li> </ul>   | <ul style="list-style-type: none"> <li>s para el nodo 8.</li> <li>Similar para LPL de 512 ms</li> </ul>  | <ul style="list-style-type: none"> <li>Tiempos de 1 s para el nodo 7 y 2 s para el nodo 8</li> <li>Resultados similares con enrutamiento estático</li> </ul>   | <ul style="list-style-type: none"> <li>para el nodo 7 y 5,2 s para el nodo 8.</li> <li>Similar para LPL de 1024 ms.</li> <li>Resultados similares con enrutamiento estático</li> </ul>   | <ul style="list-style-type: none"> <li>s para el nodo 7 y 5,3 s para el nodo 8.</li> <li>Similar para LPL de 512 ms.</li> <li>Resultados similares con enrutamiento estático</li> </ul>   |
| <b>Retardo envío de paquetes</b>                 | <ul style="list-style-type: none"> <li>No existe tiempo de escaneo de canal implementado para ahorro energético</li> <li>Tiempos de 1s para el nodo 7 y 1,002 s para el nodo 8.</li> <li>Menor que en las demás pruebas</li> </ul> | <ul style="list-style-type: none"> <li>Tiempo de escaneo de canal implementado para ahorro energético</li> <li>Tiempos de 1,004 s para el nodo 7 y 1,005 s para el nodo 8.</li> <li>Similar al de LPL de 1024 ms.</li> <li>La diferencia sin LPL es del orden de milisegundos.</li> </ul> | <ul style="list-style-type: none"> <li>Mejor tiempo de escaneo de canal implementado para ahorro energético</li> <li>Tiempos de 1,004 s para el nodo 7 y 1,005 s para el nodo 8.</li> <li>Similar al de LPL de 512 ms.</li> <li>La diferencia sin LPL es del orden de milisegundos.</li> </ul> | <ul style="list-style-type: none"> <li>No existe tiempo de escaneo de canal implementado para ahorro energético</li> <li>Tiempos de 1s para el nodo 7 y 1,003 s para el nodo 8.</li> <li>Resultados similares con enrutamiento estático</li> </ul> | <ul style="list-style-type: none"> <li>Tiempo de escaneo de canal implementado para ahorro energético</li> <li>Tiempos de 1,003 s para el nodo 7 y 1,006 s para el nodo 8.</li> <li>Similar al de LPL de 1024 ms.</li> <li>La diferencia sin LPL es del orden de milisegundos.</li> <li>Resultados similares con enrutamiento</li> </ul> | <ul style="list-style-type: none"> <li>Mejor Tiempo de escaneo de canal implementado para ahorro energético</li> <li>Tiempos de 1,004 s para el nodo 7 y 1,005 s para el nodo 8.</li> <li>Similar al de LPL de 512 ms.</li> <li>La diferencia sin LPL es del orden de milisegundos.</li> <li>Resultados similares con enrutamiento</li> </ul> |

| PRUEBAS CON ENRUTAMIENTO ESTÁTICO PARA DOS NODOS |  |  |   |  |   |  |
|--|--|--|---|--|---|--|
| MÉTRICAS   | ANÁLISIS REALIZADOS  |  |   |  |   |  |
|  | 6Lowpan con enrutamiento estático y sin LPL  | 6Lowpan con enrutamiento estático y LPL de 512 ms  | 6Lowpan con enrutamiento estático y LPL de 1024 ms  | 6Lowpan con RPL y sin LPL  | 6Lowpan con RPL y LPL de 512 ms   | 6Lowpan con RPL y LPL de 1024 ms   |
|  |  |  |   |  | estático  | estático   |
| <b>Jitter envío de paquetes</b>                  | <ul style="list-style-type: none"> <li>No existe tiempo de escaneo de canal implementado para ahorro energético</li> <li>Tiempos de 0 s para el nodo 7 y 0,002 s para el nodo 8</li> <li>Menor que en otras pruebas</li> </ul> | <ul style="list-style-type: none"> <li>Tiempo de escaneo de canal implementado para ahorro energético</li> <li>Tiempos de 4 ms para el nodo 7 y 5 ms para el nodo 8.</li> <li>Similar al de LPL con 1024 ms</li> <li>Mayor que sin LPL, pero con diferencias del orden de milisegundos.</li> </ul> | <ul style="list-style-type: none"> <li>Tiempo de escaneo de canal implementado para ahorro energético</li> <li>Tiempos de 4 ms para el nodo 7 y 5 ms para el nodo 8.</li> <li>Similar al de LPL con 512 ms</li> <li>Mayor que sin LPL, pero con diferencias del orden de milisegundos.</li> </ul> | <ul style="list-style-type: none"> <li>No existe tiempo de escaneo de canal implementado para ahorro energético</li> <li>Tiempos de 0 s para el nodo 7 y 3 ms para el nodo 8.</li> <li>Resultados similares con enrutamiento estático</li> </ul> | <ul style="list-style-type: none"> <li>Tiempo de escaneo de canal implementado para ahorro energético</li> <li>Tiempos de 3 ms para el nodo 7 y 6 ms para el nodo 8.</li> <li>Similar al de LPL con 1024 ms</li> <li>Mayor que sin LPL, pero con diferencias del orden de milisegundos. Resultados similares con enrutamiento estático</li> </ul> | <ul style="list-style-type: none"> <li>Tiempo de escaneo de canal implementado para ahorro energético</li> <li>Tiempos de 4 ms para el nodo 7 y 5 ms para el nodo 8.</li> <li>Similar al de LPL con 512 ms</li> <li>Mayor que sin LPL, pero con diferencias del orden de milisegundos. Resultados similares con enrutamiento estático</li> </ul> |

## **CAPÍTULO 5. CONCLUSIONES Y TRABAJOS FUTUROS**

### **1. CONCLUSIONES**

Las pruebas realizadas recomiendan el uso del direccionamiento 6Lowpan en combinación con protocolos como RPL y LPL, para enrutamiento y ahorro energético, dado que su aplicación no ofrece afectación significativa en la red. Para el caso de LPL este es importante para el ahorro energético. Un aporte importante de la investigación es encausado a la comparación de los enrutamientos estáticos y dinámicos con relación a las métricas de desempeño calculadas, usando el protocolo 6Lowpan.

Las pruebas demostraron que el máximo paquete que se puede transmitir con el protocolo 6Lowpan es de 1133 Bytes usando la herramienta Ping6. Esto independiente de si direccionamiento es estático o dinámico y de si existe configurado en las motas TelosB el protocolo LPL. Esto se consiguió mediante pruebas de evaluación de envío de paquetes y el uso del comando "Ping6- s" como herramienta de prueba.

Al implementar 6Lowpan con enrutamientos estáticos o dinámicos (RPL) se evidencia que el comportamiento es similar, lo que concluye que este no afecta el rendimiento de la red en los diferentes casos.

El tamaño del paquete afecta en mayor relevancia la pérdida de paquetes, pero en cuanto a retardos de envío, tiempos de duración de los RTT y Jitter, no ofrece una diferencia significativa.

Al realizar el análisis de cada una de las pruebas ejecutadas se muestra una efectividad de 6Lowpan con el protocolo LPL en cuanto a los tiempos de 1024 ms, esto lo hace importante para su uso con ahorro energético. Además se tiene que el protocolo RPL incide poco en retardos, Jitter y pérdida de paquetes, lo que lo hace bastante elegible para su uso con 6Lowpan . Sin embargo los paquetes se retrasan mucho más con el protocolo LPL en 1024 ms.

Para las pruebas de pérdida de paquetes, estas aumentan radicalmente un 35% en promedio con LPL, por lo que es importante escoger los tiempos de transmisión de paquetes, para de manera efectiva determinar los tiempos de escaneo del canal en los nodos. Esto con el fin de reducir la pérdida de paquetes debida a tiempos de no escaneo de canal en los nodos, mientras no está en estado activo.

En el diseño de la red es importante la configuración del equipo que opera como Edge Router, el cual es el PC en este caso, dado que realiza el monitoreo de la información y la ejecución de comandos. Este equipo debe tener la posibilidad de ejecutar herramientas de análisis de tráfico en sus puertos, tales como Wireshark. Además para la comunicación con la Mota TelosB (Gateway) este debe tener asignado una dirección 6lowpan sobre el puerto en donde se conecta este dispositivo.

Para el análisis de paquetes se hace necesario interactuar con otros protocolos tales como RPL en el enrutamiento dinámico y LPL para el ahorro de consumo de energía. Este último se aplicó dado que su uso produce mejoras en el ahorro energético de hasta 65 y 130 días de duración de baterías convencionales con los tiempos de escaneo de canal de 512 ms y 1024 ms respectivamente, dada su favorable evaluación en trabajos anteriores.

El uso de herramientas de entornos de programación como TinyOS o Contiki, son una alternativa en cuanto a Software libre para poder implementar protocolos y arquitecturas en las WSN. Para esto es necesario explorar las características de estas herramientas que en la actualidad no son muy utilizadas en Colombia, más si existen diversas investigaciones a nivel mundial. Estas herramientas permiten simular tarjetas de hardware específico con el fin de analizar el tráfico de la red, entre otras características. Dentro de sus limitantes está que solo corren bajo Linux en la actualidad.

Es importante considerar el diseño de una topología adecuada para la red, según la conectividad que se requiera. En el caso del protocolo RPL si se desea evaluar la red con saltos, es necesario garantizar que no exista línea de vista y conectividad entre todos nodos y el sumidero.

La plataforma TelosB posee buen soporte, además de que interactúa con las herramientas de software anteriormente mencionadas. El uso del protocolo 6lowpan es complementado con protocolos de enrutamiento como RPL y de ahorro de energía para los nodos como LPL, lo cual se hace necesario en este trabajo con el fin de poder evaluar el direccionamiento.

La aplicación del protocolo 6Lowpan sobre motas TelosB requiere de herramientas de hardware y software tales como equipos de cómputo con Linux. Así mismo es necesario contar con herramientas como Wireshark para el análisis de rendimiento de la red.

La herramienta Ping6 permite evaluar la conectividad de la red a través del envío de RTT que indican la efectividad en el envío de paquetes entre el nodo sumidero y cada una de las motas. Además indica el número de saltos que se realizan.



6Lowpan se ofrece como una novedosa alternativa para la solución de problemas que se presentan en las WSN. Desde la solución de compatibilidad, dado su direccionamiento IPV6 reducido, permitiendo además generar nuevas características en cuanto al acceso web y seguridad sobre los nodos por medio de la aplicación de protocolos enfocados a esta tarea. Este es de poco uso en Colombia y se vislumbra como una alternativa para investigación de alto impacto.

## **2. TRABAJOS FUTUROS**

En este trabajo se realizaron medidas mediante el uso del comando Ping6 y posterior análisis de RTT; este podría mejorarse realizando envío de paquetes a través de sensores, con lo que se podría estudiar el comportamiento del protocolo a través de una aplicación real. Además se podrían utilizar más nodos de modo tal que se pueda apreciar un caso mucho más real.

Para el análisis de rendimiento este se podría ampliar al uso de más plataformas que permitan la implementación de 6Lowpan, tales como Arduino, Libelium, Z1, entre otras. Además se puede usar otra plataforma de software como Contiki, con el fin de realizar comparaciones que permitan validar las herramientas descritas.

El análisis de métricas puede ser extendido a otras que se consideren necesarios, como es el caso del Throughput, en trabajos posteriores y ampliar la validación del protocolo 6lowpan como herramienta de direccionamiento.

Un análisis posterior podría enfocarse a la evaluación de la plataforma con 6Lowpan en diferentes ambientes de propagación que permitan la validación de modelos estadísticos de comportamiento del canal, calculando métricas como el RSSI o similares.

En trabajos futuros se pueden comparar otros protocolos de capa 3 como Zigbee, Digimesh en plataformas distintas con el fin de evidenciar las respuestas de procesamiento del hardware, el ahorro energético y el rendimiento de la red.

Los trabajos sobre este trabajo se pueden ampliar a escenarios con herramientas de simulación que permitan generar tráfico e implementar protocolos de enrutamiento y de ahorro energético con el fin de realizar comparaciones y pruebas previas a la implementación de una red.

## BIBLIOGRAFÍA

- [1] Othman, M., Shazali, K. 2012. Wireless Sensor Network Applications: A Study in Environment Monitoring System. *Procedia Engineering*. Volume 41. 1204 -1210. <<http://dx.doi.org/10.1016/j.proeng.2012.07.302>>.
- [2] Ahmed Jemal, Marwa Hachicha, Riadh BEN Halima, Ahmed HADJ Kacem, Khalil Drira, Mohamed Jmaiel. 2014. Energy Saving in WSN Using Monitoring Values Prediction. *Procedia Computer Science*. Volume 32. 1154-1159 <<http://dx.doi.org/10.1016/j.procs.2014.05.547>>.
- [3] Walravens, C., Dehaene, W. 2012. Design of a low-energy data processing architecture for WSN nodes. *Design, Automation & Test in Europe Conference & Exhibition*. 570 – 573. <doi: 10.1109/DATE.2012.6176534>.
- [4] Power Wireless Personal Area Networks (6LoWPANs): Overview, Assumptions, Problem Statement, and Goals,” IETF RFC 4919, Aug. 2007.
- [5] Eduardo Murcia. 2010. *Sistemas de Alertas tempranas – Control de accidentalidad generada por arroyos*. Educosta. Colombia.
- [6] El Heraldo. 2011. Cronología del cierre del boquete. [Available on line, accessed Nov 27, 2014]. <<http://www.elheraldo.co/local/57-dias-de-lucha-en-contra-de-las-aguas-del-canal-del-dique-17442>>.
- [7] Gabriel Piñeres. 2010. *Acercamiento tecnológico a la aparición de tornados en Barranquilla*. Educosta. Colombia.

- [8] El Espectador. 2014. Alerta por incendio forestal en el parque Isla Salamanca. [Available on line, accessed Nov 27, 2014]. <<http://www.elespectador.com/noticias/nacional/alerta-incendio-forestal-el-parque-isla-salamanca-articulo-511016>>.
- [9] Arizaga, J.A., de la Calleja, J., Hernandez, R., Benitez, A. 2012. Automatic control for laboratory sterilization process based on arduino hardware. Conference on Electrical Communications and Computers (CONIELECOMP), 2012 22nd International. 130 - 133. <doi:10.1109/CONIELECOMP.2012.6189895>.
- [10] Akribopoulos, O., Georgitzikis, V., Protopapa, A., Chatzigiannakis, I. 2011 Building a Platform-Agnostic Wireless Network of Interconnected Smart Objects. Conference on Informatics (PCI) 15th Panhellenic. 277 – 281. <doi: 10.1109/PCI.2011.58>.
- [11] Giannopoulos, N., Goumopoulos, C., Kameas, A. 2009. Design Guidelines for Building a Wireless Sensor Network for Environmental Monitoring. Conference on Informatics. 148 – 152. <doi: 10.1109/PCI.2009.17>.
- [12] UMTS Forum. 2011. UMTS - Universal Mobile Telecommunications System. [Available on line, accessed Nov 30, 2014]. <<http://www.umts-forum.org/content/view/1640/197/>>.
- [13] Pinto, R. 2012. LTE: Long Term Evolution. International Journal of Scientific & Engineering Research. Volume 3, 1 - 7.

- [14] Zhang Rui-qin, Zhang Da-long, Zhang Xiao-Yi. 2013. RS-MAC: A fusion ranging of WSN MAC protocol. 4th IEEE International Conference on Software Engineering and Service Science (ICSESS). 495 – 498. <doi: 10.1109/ICSESS.2013.6615357>.
- [15] Raghuvanshi, A.S., Tiwari, S. 2010. DYMO as routing protocol for IEEE-802.15.4 enabled Wireless Sensor Networks. Conference on Wireless Communication and Sensor Networks (WCSN) 1 – 6. <doi: 10.1109/WCSN.2010.5712297>.
- [16] Jing Wang, Howitt, I. 2005. Optimal traffic distribution in minimum energy wireless sensor networks. Global Telecommunications Conference. Vol.6. 3274 – 3278. <doi: 10.1109/GLOCOM.2005.1578380>.
- [17] Xiaofu Ma, Yu Fang, Xingzhen Bai. 2010. A balanced energy consumption clustering algorithm for heterogeneous energy wireless sensor networks. IEEE International Conference on Wireless Communications, Networking and Information Security (WCNIS). 382 – 386. <doi: 10.1109/WCINS.2010.5543726>.
- [18] Qiang Lin, Jun Tian. 2011. Code adaptation control algorithm for high energy-efficiency wireless sensor networks. Conference Wireless Communications and Mobile Computing (IWCMC). 1227 – 1231. <doi: 10.1109/IWCMC.2011.5982715>.
- [19] Diakite, L.H., Li Yu. 2013. Energy and bandwidth efficient wireless sensor communications for improving the energy efficiency of the air interface for Wireless Sensor Networks. Conference on Information Science and Technology (ICIST). 1426 – 1429. <doi: 10.1109/ICIST.2013.6747805>.

- [20] Glatz, P.M., Hormann, L.B., Steger, C., Weiss, R. 2010. A system for accurate characterization of wireless sensor networks with power states and energy harvesting system efficiency. 8th IEEE International Conference on Pervasive Computing and Communications Workshops (PERCOM Workshops). 468 - 473 <doi: 10.1109/PERCOMW.2010.5470625>.
- [21] Karakus, C., Gurbuz, A.C., Tavli, B. 2013. Analysis of Energy Efficiency of Compressive Sensing in Wireless Sensor Networks. IEEE Sensors Journal. Vol.13. No.5. 1999 – 2008. <doi: 10.1109/JSEN.2013.2244036>.
- [22] Pei Huang, Li Xiao, Soltani, S., Mutka, M.W., Ning Xi. 2013. The Evolution of MAC Protocols in Wireless Sensor Networks: A Survey. Communications Surveys & Tutorials. Vol.15. No.1. 101 – 120. <doi: 10.1109/SURV.2012.040412.00105>.
- [23] Yue Zhou, Xijian Zheng, Shuai Liu, Bo Li. 2011. A low-delay medium access control mechanism of WSN for tower crane group. 9th World Congress on Intelligent Control and Automation (WCICA). 736 – 739. <doi: 10.1109/WCICA.2011.5970611>.
- [24] Dong Wen, Chen Zhi-jiang, Li Xiu-mei. 2011. Research progress on MAC protocol for wireless sensor network. International Conference on Consumer Electronics, Communications and Networks (CECNet). 4379 – 4382. <doi: 10.1109/CECNET.2011.5768206>.
- [25] Haofei Xie, Guoqi Zhang; Delong Su, Ping Wang, Feng Zeng. 2014. Performance evaluation of RPL routing protocol in 6lowpan. 5th IEEE

International Conference on Software Engineering and Service Science (ICSESS). 625 – 628. <doi: 10.1109/ICSESS.2014.6933646>.

- [26] Anhtuan Le, Loo, J., Lasebae, A., Vinel, A., Yue Chen, Chai, M. 2013. The Impact of Rank Attack on Network Topology of Routing Protocol for Low-Power and Lossy Networks. *Sensors Journal, IEEE* . Vol.13. No.10. 3685 – 3692. <doi: 10.1109/JSEN.2013.2266399>.
  
- [27] Chun-Ming Tang, Ying Zhang, Yu-Ping Wu. 2012. The P2P-RPL Routing Protocol Research and Implementation in Contiki Operating System. *Second International Conference on Instrumentation, Measurement, Computer, Communication and Control (IMCCC)*. 1472 – 1475. <doi: 10.1109/IMCCC.2012.345>.
  
- [28] Li Wei, Chen Ming, Li Mingming. 2009. Information Security Routing Protocol in the WSN. *Fifth International Conference on Information Assurance and Security, IAS*. Vol.2. 651 – 656. <doi: 10.1109/IAS.2009.260>.
  
- [29] Doriguzzi Corin, R., Russello, G., Salvadori, E. 2011. TinyKey: A light-weight architecture for Wireless Sensor Networks securing real-world applications. *Eighth International Conference on Wireless On-Demand Network Systems and Services (WONS)*. 68 – 75. <doi: 10.1109/WONS.2011.5720202>.
  
- [30] Diaz, A., Sanchez, P., Sancho, J., Rico, J. 2013. Wireless sensor network simulation for security and performance analysis. *Conference & Exhibition Design, Automation & Test in Europe (DATE)*. 432 – 435. <doi: 10.7873/DATE.2013.097>.

- [31] Antonopoulos, C., Prayati, A., Stoyanova, T., Koulamas, C., Papadopoulos, G.. 2009. Experimental evaluation of a WSN platform power consumption. IEEE International Symposium on Parallel & Distributed Processing, IPDPS. 1 – 8. <doi: 10.1109/IPDPS.2009.5161185>.
- [32] Congduc Pham. 2014. Communication performances of IEEE 802.15.4 wireless sensor motes for data-intensive applications: A comparison of WaspMote, Arduino MEGA, TelosB, MicaZ and iMote2 for image surveillance. Journal of Network and Computer Applications. Volume 46. 48 – 59. <<http://dx.doi.org/10.1016/j.jnca.2014.08.002>>.
- [33] Botta, M., Simek, M., Mitton, N. 2013. Comparison of hardware and software based encryption for secure communication in wireless sensor networks. 36th International Conference on Telecommunications and Signal Processing (TSP). 6 – 10 <doi: 10.1109/TSP.2013.6613880>.
- [34] Adler, S., Pfeiffer, S., Will, H., Hillebrandt, T., Schiller, J. 2012. Measuring the distance between wireless sensor nodes with standard hardware. 9th Workshop on Positioning Navigation and Communication (WPNC). 114 – 119. <doi: 10.1109/WPNC.2012.6268749>.
- [35] Atzori, L., Iera, A., Morabito, G. 2010. The Internet of Things: A survey. Computer Networks. Volume 54. Issue 15. 2787 – 2805. <<http://dx.doi.org/10.1016/j.comnet.2010.05.010>>.
- [36] Giannopoulos, N., Goumopoulos, C., Kameas, A. 2009. Design Guidelines for Building a Wireless Sensor Network for Environmental Monitoring. 13th



- Panhellenic Conference on Informatics, PCI. 148 – 152. <doi: 10.1109/PCI.2009.17>.
- [37] Akyildiz, I.F., Melodia, T., Chowdury, K.R. 2007. Wireless multimedia sensor networks: A survey. IEEE Wireless Communications. Vol. 14. No. 6. 32 – 39. <doi: 10.1109/MWC.2007.4407225>.
- [38] Jennifer Yick, Biswanath Mukherjee, Dipak Ghosal. 2008. Wireless sensor network survey. Computer Networks. Volume 52. Issue 12. 2292-2330. <<http://dx.doi.org/10.1016/j.comnet.2008.04.002>>.
- [39] Horvat, G., Sostaric, D., Zagar, D. 2011. User authorization system using ZigBee WSN and AVR architecture. 19th Telecommunications Forum (TELFOR). 381 – 384. <doi: 10.1109/TELFOR.2011.6143568>.
- [40] Triantafyllidis, A., Koutkias, V., Chouvarda, I., Maglaveras, N. 2008. An open and reconfigurable Wireless Sensor Network for pervasive health monitoring. Second International Conference on Pervasive Computing Technologies for Healthcare, PervasiveHealth. 112 – 115- <doi: 10.1109/PCTHEALTH.2008.4571044>.
- [41] Sarwar, U., Sinniah, G., Suryady, Z., Khosdilniat, R. 2010. Architecture for 6LoWPAN Mobile Communicator System. Proceedings of The International MultiConference of Engineers and Computer Scientists. 787 – 790. [Available on line, accessed Dic 18, 2014]. <[http://www.iaeng.org/publication/IMECS2010/IMECS2010\\_pp787-790.pdf](http://www.iaeng.org/publication/IMECS2010/IMECS2010_pp787-790.pdf)>.

- [42] Guangjie Han, Maode Ma. 2007. Connecting sensor networks with IP using a Configurable tiny TCP/IP protocol stack. 6th International Conference on Information, Communications & Signal Processing. 1 – 5. <doi: 10.1109/ICICS.2007.4449652>.
- [43] Jiajie He, Xiaohong Huang. 2011. Increased interoperability: Evolution of 6LoWPAN-based web application. 4th IEEE International Conference on Broadband Network and Multimedia Technology (IC-BNMT). 507 – 510 <doi: 10.1109/ICBNMT.2011.6155986>.
- [44] ADVANTICSYS. 2014. Productos – CM5000. [Available on line, accessed Dic 19, 2014]. <<http://www.advanticsys.com/shop/mtmcm5000msp-p-14.html?language=es>>.
- [45] ARDUINO. 2014. Arduino UNO. [Available on line, accessed Dic 19, 2014]. <<http://arduino.cc/en/Main/ArduinoBoardUno>>.
- [46] Zamora, R., 2010. Laboratorios remotos: análisis, características y desarrollo. EDUCOSTA. Barranquilla – Colombia.
- [47] Libelium. 2013. Waspote - Datasheet. [Available on line, accessed Dic 19, 2014]. <[http://www.libelium.com/downloads/documentation/waspote\\_datasheet.pdf](http://www.libelium.com/downloads/documentation/waspote_datasheet.pdf)>.
- [48] IEEE. 2006. IEEE Standard for Information technology-- Local and metropolitan area networks-- Specific requirements-- Part 15.4: Wireless Medium Access Control (MAC) and Physical Layer (PHY) Specifications for Low Rate Wireless Personal Area Networks (WPANs). IEEE Std 802.15.4-

- 2006 (Revision of IEEE Std 802.15.4-2003). 1 – 320. <doi: 10.1109/IEEESTD.2006.232110>.
- [49] DIGI. 2008. Demystifying 802.15.4 and Zigbee. [Available on line, accessed Marzo 30, 2015]. <[http://www.digi.com/pdf/wp\\_zigbee.pdf](http://www.digi.com/pdf/wp_zigbee.pdf)>.
- [50] Gascon, Diego. 2008. Libelium World: 802.15.4 vs Zigbee. [Available on line, accessed Ene 07, 2015]. <[http:// http://www.libelium.com/es/802-15-4-vs-zigbee/](http://www.libelium.com/es/802-15-4-vs-zigbee/)>.
- [51] Borade, D.R.; Laeeq, S.M. 2012. Performance and evaluation of IEEE 802.15.4 under different topologies with Ad-hoc on demand distance vector protocol. Conference on Electrical, Electronics and Computer Science (SCEECS). 1 – 4. <doi: 10.1109/SCEECS.2012.6184752>.
- [52] Jin-Shyan Lee; Yu-Wei Su; Chung-Chou Shen. 2007. A Comparative Study of Wireless Protocols: Bluetooth, UWB, ZigBee, and Wi-Fi. 33rd Annual Conference of the IEEE Industrial Electronics Society IECON 2007. 46 – 51. <doi: 10.1109/IECON.2007.4460126>.
- [53] Ramya, C.M., Shanmugaraj, M., Prabakaran, R. 2011. Study on ZigBee technology. 3rd International Conference on Electronics Computer Technology (ICECT). Vol.6. 297 – 301. <doi: 10.1109/ICECTECH.2011.5942102>.
- [54] Chandra, P., Dobkin, Daniel., Bensky, Alan. 2007. Newnes Know it All Series: Wireless Networking. 510 – 511. Newnes. United State of American.

- [55] Vasseur, J., Dunkels, A. 2010. Interconnecting Smart Objects with IP: The Next Internet. Morgan Kaufmann Publisher/Elsevier. United States.
- [56] Montenegro, G., Kushalnagar, N., Hui, J., Culler, D. 2007. Transmission of IPv6 Packets over IEEE 802.15.4 Networks. [Available on line, accessed Feb 02, 2015]. <<http://www.hjp.at/doc/rfc/rfc4944.html>>.
- [57] Gopinath R., Suryady, Z., Sarwar, U., Abbas, M. 2009. A gateway solution for IPv6 wireless sensor networks. International Conference on Ultra Modern Telecommunications & Workshops, ICUMT. pp.1 – 6. doi:<10.1109/ICUMT.2009.5345603>.
- [58] Shelby, Z., Bormann, C. 2009. 6lowpan: The Wireless Embedded Internet. Welly. United Kingdom.
- [59] Mukhtar, H., Kim Kang-Myo, Chaudhry, S, Akbar, A., Kim Ki-Hyung, Seung-Wha Yoo. 2008. LNMP- Management architecture for IPv6 based low-power wireless Personal Area Networks (6LoWPAN). IEEE Symposium Network Operations and Management NOMS. pp. 417 – 424. <doi: 10.1109/NOMS.2008.4575163>.
- [60] Chen Yibo., Kun-mean Hou., Haiying Zhou., Hong-Ling Shi., Xing Liu., Xunxing Diao., Hao Ding., Jian-Jin Li., de Vaulx, C. 2011. 6LoWPAN Stacks: A Survey. 7th International Conference on Wireless Communications, Networking and Mobile Computing (WiCOM). pp. 1 – 4. <doi: 10.1109/wicom.2011.6040344>
- [61] Hersent O., Boswarthick, D., Elloumi, O. 2012. The Internet of Things: Key Applications and Protocols. Willey. Segunda Edición. United Kingdom

- [62] Mesrinejad, F., Hashim, F., Noordin, N., Rasid, M, Raja Abdullah, R.S.A. 2011. The effect of fragmentation and header compression on IP-based sensor networks (6LoWPAN). 17th Asia-Pacific Conference on Communications (APCC). pp. 845 – 849 <doi: 10.1109/APCC.2011.6152926>.
- [63] Vasseur, J., Dunkels, A. 2010. Chapter 16 - The 6LoWPAN Adaptation Layer, In Interconnecting Smart Objects with IP. Edited by Jean-Philippe Vasseur and Adam Dunkels, Morgan Kaufmann. Pages 231-250. USA. <<http://dx.doi.org/10.1016/B978-0-12-375165-2.00016-8>>.
- [64] Jurdak, R., Baldi, P., Lopes, C.V., 2007. Adaptive Low Power Listening for Wireless Sensor Networks. IEEE Transactions on Mobile Computing. pp. 988 – 1004. <doi: 10.1109/TMC.2007.1037>.
- [65] De Vito, S., Di Palma, P., Ambrosino, C., Massera, E., Burrasca, G., Miglietta, M.L., Di Francia, G. 2011. Wireless Sensor Networks for Distributed Chemical Sensing: Addressing Power Consumption Limits With On-Board Intelligence. *Sensors IEEE Journal*. Vol.11. No.4. pp. 947 – 955. <doi: 10.1109/JSEN.2010.2077277>.
- [66] Thang Vu Chien, Hung Nguyen Chan, Thanh Nguyen Huu. 2011. A comparative study on operating system for Wireless Sensor Networks. International Conference on Advanced Computer Science and Information System (ICACSIS). pp. 73 – 78.
- [67] Bergmann, N.W., Wallace, M., Calia, E. 2010. Low cost prototyping system for sensor networks. Sixth International Conference on Intelligent Sensors,

Sensor Networks and Information Processing (ISSNIP). pp. 19 – 24. <doi: 10.1109/ISSNIP.2010.5706802>.

- [68] Hornsby, A., Bail, E. 2009.  $\mu$ XMPP: Lightweight implementation for low power operating system Contiki. International Conference on Ultra Modern Telecommunications & Workshops. ICUMT '09. pp. 1 – 5. <doi: 10.1109/ICUMT.2009.5345594>.
- [69] Wilde, A., Oliver, R., Zaluska, E. 2013. Developing a low-cost general-purpose device for the Internet of Things. Seventh International Conference on Sensing Technology (ICST). pp. 490 – 494. <doi: 10.1109/ICSensT.2013.6727701>.
- [70] Raju, K.S., Huddar, S., Tanwar, P., Patwardhan, A. 2013. Wireless sensor networks based public addressing system. International Conference on Advanced Electronic Systems (ICAES). pp. 297 – 300. <doi: 10.1109/ICAES.2013.6659412>.
- [71] TinyOS. 2011. BLIP Tutorial. [Available on line, accessed Feb 24, 2015]. <[http://tinyos.stanford.edu/tinyos-wiki/index.php/BLIP\\_Tutorial](http://tinyos.stanford.edu/tinyos-wiki/index.php/BLIP_Tutorial)>.
- [72] Orebaugh, A., Ramirez, G., Burke, J., Pesce, L., Wright J., Greg Morris, G. 2006. Chapter 2 - Introducing Wireshark: Network Protocol Analyzer, In Wireshark & Ethereal Network Protocol Analyzer Toolkit. Editado por Angela Orebaugh, Gilbert Ramirez, Josh Burke, Larry Pesce, Joshua Wright and Greg Morris. Syngress, Rockland. Pages 51-99. <<http://dx.doi.org/10.1016/B978-159749073-3/50007-5>>.

- [73] Herrera, E. 2008. Tecnologías y redes de transmisión de datos. Pp 20 – 21. Limusa. México.
- [74] Blake, R. 2004. Sistemas electrónicos de comunicaciones. 2ªEd. Pp 283 - 286. Thomson. México.
- [75] Soo Young Shin, Hong Seong Park, Wook Hyun Kwon, Mutual interference analysis of IEEE 802.15.4 and IEEE 802.11b, Computer Networks, Volume 51, Issue 12, 22 August 2007, Pages 3338-3353, ISSN 1389-1286, <http://dx.doi.org/10.1016/j.comnet.2007.01.034>.  
<<http://www.sciencedirect.com/science/article/pii/S1389128607000473>>.
- [76] Peng Li, M. 2008. Jitter, Noise and Signal Integrity at High-Speed. Pearson Education. United State.
- [77] International Telecommunication Union (ITU). 1996. ITU-T G.810. [Available on line, accessed Marzo 31, 2015]. <<http://www.itu.int/rec/T-REC-G.810-199608-I/es>>.
- [78] Kularatna, N., Dias, D. 2004. Essentials of Modern Telecommunications Systems. Artech House. London.
- [79] CISCO. Medición de retraso, fluctuación y pérdida de paquetes con SAA y RTTMON del IOS de Cisco. [Available on line, accessed Abril 01, 2015]. <[http://www.cisco.com/cisco/web/support/LA/7/77/77854\\_saa.pdf](http://www.cisco.com/cisco/web/support/LA/7/77/77854_saa.pdf)>.
- [80] España, M. 2003. Servicios avanzados de telecomunicación. Ediciones Díaz Santos. Pp 5 – 7. España.

- [81] Mathis, M. 2001. A Framework for Defining Empirical Bulk Transfer Capacity Metrics. [Available on line, accessed Abril 03, 2015]. <<https://tools.ietf.org/html/rfc3148>>.
- [82] López, D., López-de-Vergara, J., Bellido, L., Fernández, D. Monitorización de una red académica mediante Netflow. [Available on line, accessed Abril 03, 2015]. <<https://web.dit.upm.es/~jlopez/publicaciones/telecomid04lopezber.pdf>>.
- [83] Bai Enjian; Zhang Xiaokui. 2012. Performance Evaluation of 6LoWPAN Gateway Used in Actual Network Environment. International Conference on Control Engineering and Communication Technology (ICCECT). Pp. 1036 – 1039. <doi: 10.1109/ICCECT.2012.196>.
- [84] Jonas, O. 2014. 6Lowpan demystified. [Available on line, accessed Abril 03, 2015]. <<http://www.ti.com.cn/cn/lit/wp/swry013/swry013.pdf>>.
- [85] Docmac, D., Silva, E., González, A. 2013. Evaluación de algoritmos para la estimación del Round-Trip Delay Time y una propuesta de mejora, Revista Iberoamericana de Automática e Informática Industrial RIAI, Volume 10, Issue 1, Pp 62-72, ISSN 1697-7912, <<http://dx.doi.org/10.1016/j.riai.2012.11.006>>.
- [86] Karn, P. and Partridge. C. 1991. Improving round-trip time estimates in reliable transport protocols. *ACM Trans. Comput. Syst.* 9, 4, pp 364-373. DOI: <<http://doi.acm.org/10.1145/118544.118549>>
- [87] Yi Wang; Shaozhi Ye; Xing Li. 2005. Understanding current IPv6 performance: a measurement study. 10th IEEE Symposium on Computers



- and Communications ISCC 2005. Proceedings., pp.71,76, 27-30. <doi: 10.1109/ISCC.2005.151>.
- [88] Piñeres, G. y Mejía, A. 2013. Plataformas tecnológicas aplicadas al monitoreo climático. *Prospectiva*. Vol 11. Nº 2. Pp 78-87. ISSN 1692-8261. <DOI: 10.15665/rp.v11i2.42>.
- [89] García, E. 2009. Implementación de Protocolos de Transporte en Redes de Sensores. Proyecto final de máster. Universitat Politècnica de Catalunya. Barcelona, España.
- [90] Jiajie He; Xiaohong Huang. 2011. Increased interoperability: Evolution of 6LoWPAN-based web application. 4th IEEE International Conference on Broadband Network and Multimedia Technology (IC-BNMT), pp. 507-510, <doi: 10.1109/ICBNMT.2011.6155986>.
- [91] Heecheol Song; Sang Hyuk Lee; Soobin Lee; Hwang Soo Lee. 2009. 6LoWpan-based tactical wireless sensor network architecture for remote large-scale random deployment scenarios. IEEE Military Communications Conference, MILCOM 2009, pp.1-7. <doi: 10.1109/MILCOM.2009.5379823>.
- [92] Suryady, Z., Shaharil, M.H.M., Bakar, K.A., Khoshdelniat, R., Sinniah, G.R., Sarwar, U. 2011. Performance evaluation of 6LoWPAN-based precision agriculture. International Conference on Information Networking (ICOIN), pp.171-176. <doi: 10.1109/ICOIN.2011.5723173>.
- [93] Rong Chai; Ya-Lai Zhao; Qian-bin Chen; Tao Dong; Wei-Guang Zhou. 2010. Group mobility in 6LoWPAN-based WSN. International Conference on

- Wireless Communications and Signal Processing (WCSP), pp. 1-5. <doi: 10.1109/WCSP.2010.5633536>.
- [94] Michopoulos, V., Lin Guan, Oikonomou, G., Phillips, I. 2011. A comparative study of congestion control algorithms in IPv6 Wireless Sensor Networks. International Conference on Distributed Computing in Sensor Systems and Workshops (DCOSS), pp. 1-6. <doi: 10.1109/DCOSS.2011.5982218>.
- [95] Raza, S., Duquennoy, S., Chung, T., Yazar, D., Voigt, T., Roedig, U. 2011. Securing communication in 6LoWPAN with compressed Ipsec. International Conference on Distributed Computing in Sensor Systems and Workshops (DCOSS), pp. 1-8. <doi: 10.1109/DCOSS.2011.5982177>.
- [96] Jara, A., Zamora, M., Skarmeta, A. 2009. HWSN6: Hospital Wireless Sensor Networks Based on 6LoWPAN Technology: Mobility and Fault Tolerance Management. International Conference on Computational Science and Engineering, CSE '09. Vol.2, pp. 879-884. <doi: 10.1109/CSE.2009.126>.
- [97] Takizawa, S., Komuro, N., Sakata, S. 2012. Routing control scheme prolonging network lifetime in a 6LoWPAN WSN with Power-supplied and battery-powered nodes. IEEE Consumer Communications and Networking Conference (CCNC), pp. 285-289. <doi: 10.1109/CCNC.2012.6181103>.
- [98] Montoya, F., Gómez, J., Cama, A., Zapata-Sierra, A., Martínez, F., De La Cruz, J., Manzano-Agugliaro, F. 2013. A monitoring system for intensive agriculture based on mesh networks and the android system. Computers

and Electronics in Agriculture, Volume 99, pp 14 - 20, ISSN 0168-1699.  
<<http://dx.doi.org/10.1016/j.compag.2013.08.028>>.

- [99] Cama, A., Montoya, F., Gómez, J., De La Cruz, J., Manzano-Agugliaro, F. 2013. Integration of communication technologies in sensor networks to monitor the Amazon environment. Journal of Cleaner Production. Volume 59, pp 32 – 42. ISSN 0959-6526. <<http://dx.doi.org/10.1016/j.jclepro.2013.06.041>>.
- [100] Neves, P., Vaidya, B., Rodrigues, J. 2010. User-Centric Plug-And-Play Functionality for IPv6-Enabled Wireless Sensor Networks. IEEE International Conference on Communications (ICC), pp. 1 – 5. <doi: 10.1109/ICC.2010.5502622>.
- [101] Pham, C. 2014. Communication performances of IEEE 802.15.4 wireless sensor nodes for data-intensive applications: A comparison of WaspMote, Arduino MEGA, TelosB, MicaZ and iMote2 for image surveillance. Journal of Network and Computer Applications. Volume 46, pp 48 – 59. ISSN 1084-8045. <<http://dx.doi.org/10.1016/j.jnca.2014.08.002>>.
- [102] Hefaida, M., Canli, T., Khokhar, A. 2013. CL-MAC: A Cross-Layer MAC protocol for heterogeneous Wireless Sensor Networks. Ad Hoc Networks. Volume 11, Issue 1, pp 213 – 225. ISSN 1570-8705. <<http://dx.doi.org/10.1016/j.adhoc.2012.05.005>>.
- [103] Al Nahas, B., Duquennoy, S., Iyer, V., Voigt, T. 2014. Low-Power Listening Goes Multi-channel. IEEE International Conference on Distributed Computing in Sensor Systems (DCOSS). pp. 2 – 9. <doi: 10.1109/DCOSS.2014.33>.

- [104] Gaddour, O., Koubâa, A. 2012. RPL in a nutshell: A survey. *Computer Networks*. Volume 56, Issue 14, pp 3163 – 3178. ISSN 1389-1286. <<http://dx.doi.org/10.1016/j.comnet.2012.06.016>>.
- [105] Sankar Bhunia, S., Kumar Das, S., Roy, S., Mukherjee, N. 2012. An Approach to Manage Mobility of Sensor Nodes in Sensor-Grid Infrastructure. *Procedia Technology*, Volume 6, pp 754 – 762. ISSN 2212-0173. <<http://dx.doi.org/10.1016/j.protcy.2012.10.091>>.
- [106] Singh, D.; Tiwary, U.; Wan-Young Chung. 2008. IP-based ubiquitous healthcare system. *International Conference on Control, Automation and Systems, ICCAS*, pp. 131 – 136. <doi: 10.1109/ICCAS.2008.4694538>.
- [107] Kamilaris, A., Trifa, V., Pitsillides, A. 2011 HomeWeb: An application framework for Web-based smart homes. *18th International Conference on Telecommunications (ICT)*, pp. 134 – 139. <doi: 10.1109/CTS.2011.5898905>.
- [108] Baccour, N., Koubâa, A., Youssef, H., Alves, M. 2015. Reliable link quality estimation in low-power wireless networks and its impact on tree-routing. *Ad Hoc Networks*, Volume 27, pp 1 – 25. ISSN 1570-8705. <<http://dx.doi.org/10.1016/j.adhoc.2014.11.011>>.
- [109] Chazatar, C. 2014. Sistemas de monitoreo de eventos aplicando el protocolo 6lowpan. [Available on line, accessed Julio 08, 2015]. <<http://bibliotecadigital.univalle.edu.co/bitstream/10893/8029/1/CB-0516318.pdf>>.

- [110] Velandia, D., Ramos, P. 2014. Simulación de una red de acelerómetros para el monitoreo del estado de la malla vial en un sector de la ciudad de bogotá, un enfoque de aplicación de IoT e ITS. [Available on line, accessed Julio 08, 2015]. <<http://repository.ucatolica.edu.co:8080/jspui/bitstream/10983/1413/4/Poster%20Trabajo%20de%20Grado.pdf>>.
- [111] Haugan, T. 2002. Effective Work Breakdown Structure. Management Concepts. United States of America.
- [112] Ramírez, R. 2005. Gestión del desarrollo de sistemas de telecomunicación e informáticos. Thomson Ediciones Spain. España.

## ANEXOS

### 1. ANEXO 1 – IMPLEMENTACIÓN DE RPL Y LPL SOBRE TELOS B

Para la implementación de RPL se modifica el archivo "Makefile" de cada mota sensora, agregándole un código o bandera como se detalla a continuación:

```
PFLAGS += -DRPL_ROUTING -DRPL_STORING_MODE -I$(TOSDIR)/lib/net/rpl
```

Esto código permite que al realizar la compilación se puedan asociar las librerías de RPL, de acuerdo a la ruta que se establezca, en donde para el ejemplo en particular se tiene: /lib/net/rpl

Seguidamente, en el archivo UDPEchoC de cada mota sensora se adicionan las siguientes líneas:

```
#ifdef RPL_ROUTING  
  
components RPLRoutingC;  
  
#endif
```

Sobre la aplicación "PppRouter" no se realizan modificaciones, dado que por defecto en los archivos que se relacionan en esta ya se encuentran configurados con los valores necesarios para trabajar con el RPL.

Para la implementación de LPL se agrega sobre el archivo "Makefile" lo siguiente:

***CFLAGS += -DCC2420\_LOW\_POWER\_LISTENING***

El anterior flag permite habilitar el modo LPL en las motas, tanto en el nodo sumidero como en los nodos finales.

Además se añade un flag para indicar que cada ciertos milisegundos la mota realice un escaneo del canal, con el fin de verificar si existe tráfico en la red que vaya dirigido para esta; esto se realiza con la siguiente instrucción:

***CFLAGS += -DLPL\_SLEEP\_INTERVAL=1024***

En la instrucción anterior se muestra un caso particular con un escaneo de canal cada 1024 ms.

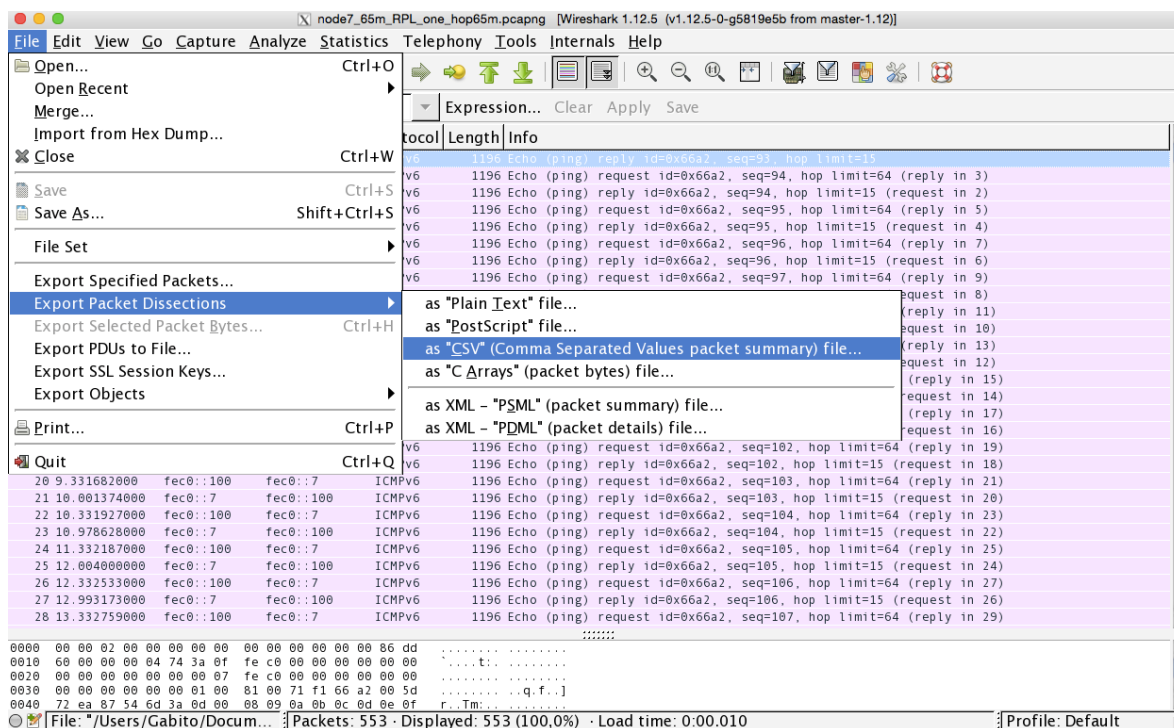
Además, el código permite variar el tiempo que dura la mota escaneando el canal mediante el siguiente flag:

***CFLAGS += -DMAX\_LPL\_CCA\_CHECKS=800***

Para este caso particular, 800 ms es el tiempo en el que la mota revisa el medio para analizar la señal que está recibiendo.

## **2. ANEXO 2 – REGISTRO DE DATOS OBTENIDOS SOBRE MOTAS TELOS B**

Para la captura de información sobre las motas telos B se utilizó la herramienta wireshark. Estos datos para ser graficados y analizados se convirtieron a formato “.csv” con el fin de que pudieran ser trabajados sobre la herramienta de Excel y poder realizar las tabulaciones y gráficas necesarias.



**Figura 55. Conversión de archivos en Wireshark a formato CSV para trabajar sobre Excel.**

Se realizaron test para diferentes situaciones los cuales se relacionan desde las tablas 21 a la tabla 44 a continuación:

**Tabla 23. Test para el nodo 7 con 6Lowpan a 10 m sin LPL y con enrutamiento estático.**

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 10 m |          |           |             |          |        |   |
|---|----------|-----------|-------------|----------|--------|---|
| No.   | Time     | Source    | Destination | Protocol | Length | Info  |
| 1   | 0        | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=27, hop limit=0                |
| 2   | 0,326547 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=28, hop limit=0 (reply in 3) |
| 3   | 0,998012 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=28, hop limit=0 (request in 2) |
| 4   | 1,326576 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=29, hop limit=0 (reply in 5) |



| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 10 m |           |           |             |          |        |  |
|---|-----------|-----------|-------------|----------|--------|--|
| No.   | Time      | Source    | Destination | Protocol | Length | Info   |
| 5   | 1,99102   | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=29, hop limit=0 (request in 4)  |
| 6   | 2,326595  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=30, hop limit=0 (reply in 7)  |
| 7   | 2,990036  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=30, hop limit=0 (request in 6)  |
| 8   | 3,326636  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=31, hop limit=0 (reply in 9)  |
| 9   | 3,997049  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=31, hop limit=0 (request in 8)  |
| 10  | 4,326649  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=32, hop limit=0 (reply in 11) |
| 11  | 4,972063  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=32, hop limit=0 (request in 10) |
| 12  | 5,326658  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=33, hop limit=0 (reply in 13) |
| 13  | 6,006073  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=33, hop limit=0 (request in 12) |
| 14  | 6,326634  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=34, hop limit=0 (reply in 15) |
| 15  | 6,992086  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=34, hop limit=0 (request in 14) |
| 16  | 7,326667  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=35, hop limit=0 (reply in 17) |
| 17  | 7,994099  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=35, hop limit=0 (request in 16) |
| 18  | 8,326678  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=36, hop limit=0 (reply in 19) |
| 19  | 8,99108   | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=36, hop limit=0 (request in 18) |
| 20  | 9,326624  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=37, hop limit=0 (reply in 21) |
| 21  | 10,003124 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=37, hop limit=0 (request in 20) |
| 22  | 10,326673 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=38, hop limit=0 (reply in 23) |
| 23  | 10,986133 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=38, hop limit=0 (request in 22) |
| 24  | 11,326708 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=39, hop limit=0 (reply in 25) |
| 25  | 11,988111 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=39, hop limit=0 (request in 24) |
| 26  | 12,32663  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=40, hop limit=0 (reply in 27) |
| 27  | 12,980159 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=40, hop limit=0 (request in 26) |
| 28  | 13,326742 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=41, hop limit=0 (reply in 29) |
| 29  | 14,016146 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=41, hop limit=0 (request in 28) |
| 30  | 14,32664  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=42, hop limit=0 (reply in 31) |
| 31  | 14,980184 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=42, hop limit=0 (request in 30) |
| 32  | 15,326765 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=43, hop limit=0 (reply in 33) |
| 33  | 15,97617  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=43, hop limit=0 (request in 32) |
| 34  | 16,326704 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=44, hop limit=0 (reply in 35) |
| 35  | 17,003208 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=44, hop limit=0 (request in 34) |
| 36  | 17,326764 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=45, hop limit=0 (reply in 37) |
| 37  | 18,001167 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=45, hop limit=0 (request in 36) |
| 38  | 18,326675 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=46, hop limit=0 (reply in 39) |
| 39  | 18,986229 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=46, hop limit=0 (request in 38) |
| 40  | 19,326486 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=47, hop limit=0 (reply in 41) |
| 41  | 19,995244 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=47, hop limit=0 (request in 40) |
| 42  | 20,326677 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=48, hop limit=0 (reply in 43) |
| 43  | 20,958256 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=48, hop limit=0 (request in 42) |
| 44  | 21,32668  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=49, hop limit=0 (reply in 45) |
| 45  | 21,997269 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=49, hop limit=0 (request in 44) |
| 46  | 22,326687 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=50, hop limit=0 (reply in 47) |
| 47  | 23,02028  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=50, hop limit=0 (request in 46) |
| 48  | 23,326681 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=51, hop limit=0 (reply in 49) |
| 49  | 24,005291 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=51, hop limit=0 (request in 48) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 10 m |           |           |             |          |        |  |
|---|-----------|-----------|-------------|----------|--------|--|
| No.   | Time      | Source    | Destination | Protocol | Length | Info   |
| 50  | 24,326655 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=52, hop limit=0 (reply in 51) |
| 51  | 24,988304 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=52, hop limit=0 (request in 50) |
| 52  | 25,326684 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=53, hop limit=0 (reply in 53) |
| 53  | 25,979317 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=53, hop limit=0 (request in 52) |
| 54  | 26,326682 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=54, hop limit=0 (reply in 55) |
| 55  | 27,000328 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=54, hop limit=0 (request in 54) |
| 56  | 27,326705 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=55, hop limit=0 (reply in 57) |
| 57  | 27,98734  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=55, hop limit=0 (request in 56) |
| 58  | 28,326645 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=56, hop limit=0 (reply in 59) |
| 59  | 28,994353 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=56, hop limit=0 (request in 58) |
| 60  | 29,326696 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=57, hop limit=0 (reply in 61) |
| 61  | 29,986365 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=57, hop limit=0 (request in 60) |
| 62  | 30,326682 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=58, hop limit=0 (reply in 63) |
| 63  | 31,021376 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=58, hop limit=0 (request in 62) |
| 64  | 31,326681 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=59, hop limit=0 (reply in 65) |
| 65  | 31,986389 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=59, hop limit=0 (request in 64) |
| 66  | 32,326684 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=60, hop limit=0 (reply in 67) |
| 67  | 32,981401 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=60, hop limit=0 (request in 66) |
| 68  | 33,326681 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=61, hop limit=0 (reply in 69) |
| 69  | 34,014415 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=61, hop limit=0 (request in 68) |
| 70  | 34,32668  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=62, hop limit=0 (reply in 71) |
| 71  | 35,008424 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=62, hop limit=0 (request in 70) |
| 72  | 35,326689 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=63, hop limit=0 (reply in 73) |
| 73  | 36,012437 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=63, hop limit=0 (request in 72) |
| 74  | 36,326682 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=64, hop limit=0 (reply in 75) |
| 75  | 36,97745  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=64, hop limit=0 (request in 74) |
| 76  | 37,326677 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=65, hop limit=0 (reply in 77) |
| 77  | 38,004461 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=65, hop limit=0 (request in 76) |
| 78  | 38,326682 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=66, hop limit=0 (reply in 79) |
| 79  | 38,996473 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=66, hop limit=0 (request in 78) |
| 80  | 39,327035 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=67, hop limit=0 (reply in 81) |
| 81  | 39,996487 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=67, hop limit=0 (request in 80) |
| 82  | 40,327039 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=68, hop limit=0 (reply in 83) |
| 83  | 40,976499 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=68, hop limit=0 (request in 82) |
| 84  | 41,32708  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=69, hop limit=0 (reply in 85) |
| 85  | 42,006509 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=69, hop limit=0 (request in 84) |
| 86  | 42,327081 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=70, hop limit=0 (reply in 87) |
| 87  | 42,995521 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=70, hop limit=0 (request in 86) |
| 88  | 43,327083 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=71, hop limit=0 (reply in 89) |
| 89  | 44,015534 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=71, hop limit=0 (request in 88) |
| 90  | 44,327068 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=72, hop limit=0 (reply in 91) |
| 91  | 44,982547 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=72, hop limit=0 (request in 90) |
| 92  | 45,32718  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=73, hop limit=0 (reply in 93) |
| 93  | 46,008559 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=73, hop limit=0 (request in 92) |
| 94  | 46,327101 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=74, hop limit=0 (reply in 95) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 10 m |           |           |             |          |        |   |
|---|-----------|-----------|-------------|----------|--------|---|
| No.   | Time      | Source    | Destination | Protocol | Length | Info  |
| 95  | 46,998595 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=74, hop limit=0 (request in 94)  |
| 96  | 47,327153 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=75, hop limit=0 (reply in 97)  |
| 97  | 48,013582 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=75, hop limit=0 (request in 96)  |
| 98  | 48,327122 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=76, hop limit=0 (reply in 99)  |
| 99  | 49,003596 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=76, hop limit=0 (request in 98)  |
| 100   | 49,327147 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=77, hop limit=0 (reply in 101) |
| 101   | 50,002635 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=77, hop limit=0 (request in 100) |
| 102   | 50,327182 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=78, hop limit=0 (reply in 103) |
| 103   | 50,971618 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=78, hop limit=0 (request in 102) |
| 104   | 51,327202 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=79, hop limit=0 (reply in 105) |
| 105   | 51,97263  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=79, hop limit=0 (request in 104) |
| 106   | 52,327222 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=80, hop limit=0 (reply in 107) |
| 107   | 53,013644 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=80, hop limit=0 (request in 106) |
| 108   | 53,327189 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=81, hop limit=0 (reply in 109) |
| 109   | 54,000653 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=81, hop limit=0 (request in 108) |
| 110   | 54,327177 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=82, hop limit=0 (reply in 111) |
| 111   | 54,997667 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=82, hop limit=0 (request in 110) |
| 112   | 55,327228 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=83, hop limit=0 (reply in 113) |
| 113   | 56,01568  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=83, hop limit=0 (request in 112) |
| 114   | 56,32722  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=84, hop limit=0 (reply in 115) |
| 115   | 56,989692 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=84, hop limit=0 (request in 114) |
| 116   | 57,32726  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=85, hop limit=0 (reply in 117) |
| 117   | 57,980705 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=85, hop limit=0 (request in 116) |
| 118   | 58,327284 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=86, hop limit=0 (reply in 119) |
| 119   | 58,999715 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=86, hop limit=0 (request in 118) |
| 120   | 59,327268 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=87, hop limit=0 (reply in 121) |
| 121   | 59,995727 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=87, hop limit=0 (request in 120) |
| 122   | 60,327273 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=88, hop limit=0 (reply in 123) |
| 123   | 60,989738 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=88, hop limit=0 (request in 122) |
| 124   | 61,327294 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=89, hop limit=0 (reply in 125) |
| 125   | 61,987751 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=89, hop limit=0 (request in 124) |
| 126   | 62,327299 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=90, hop limit=0 (reply in 127) |
| 127   | 62,989765 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=90, hop limit=0 (request in 126) |
| 128   | 63,327342 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=91, hop limit=0 (reply in 129) |
| 129   | 63,992775 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=91, hop limit=0 (request in 128) |
| 130   | 64,327124 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=92, hop limit=0 (reply in 131) |
| 131   | 64,981786 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=92, hop limit=0 (request in 130) |
| 132   | 65,32736  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=93, hop limit=0 (reply in 133) |
| 133   | 65,9838   | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=93, hop limit=0 (request in 132) |
| 134   | 66,327371 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=94, hop limit=0 (reply in 135) |
| 135   | 67,009813 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=94, hop limit=0 (request in 134) |
| 136   | 67,32736  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=95, hop limit=0 (reply in 137) |
| 137   | 67,994822 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=95, hop limit=0 (request in 136) |
| 138   | 68,327386 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=96, hop limit=0 (reply in 139) |
| 139   | 68,986838 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=96, hop limit=0 (request in 138) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 10 m |           |           |             |          |        |  |
|---|-----------|-----------|-------------|----------|--------|--|
| No.   | Time      | Source    | Destination | Protocol | Length | Info   |
| 140   | 69,327402 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=97, hop limit=0 (reply in 141)  |
| 141   | 70,001851 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=97, hop limit=0 (request in 140)  |
| 142   | 70,327399 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=98, hop limit=0 (reply in 143)  |
| 143   | 70,991861 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=98, hop limit=0 (request in 142)  |
| 144   | 71,327424 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=99, hop limit=0 (reply in 145)  |
| 145   | 71,996872 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=99, hop limit=0 (request in 144)  |
| 146   | 72,327431 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=100, hop limit=0 (reply in 147) |
| 147   | 73,002886 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=100, hop limit=0 (request in 146) |
| 148   | 73,327431 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=101, hop limit=0 (reply in 149) |
| 149   | 73,985897 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=101, hop limit=0 (request in 148) |
| 150   | 74,32747  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=102, hop limit=0 (reply in 151) |
| 151   | 74,997885 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=102, hop limit=0 (request in 150) |
| 152   | 75,327377 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=103, hop limit=0 (reply in 153) |
| 153   | 75,986921 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=103, hop limit=0 (request in 152) |
| 154   | 76,327494 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=104, hop limit=0 (reply in 155) |
| 155   | 76,980935 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=104, hop limit=0 (request in 154) |
| 156   | 77,327503 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=105, hop limit=0 (reply in 157) |
| 157   | 77,986946 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=105, hop limit=0 (request in 156) |
| 158   | 78,327516 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=106, hop limit=0 (reply in 159) |
| 159   | 78,985958 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=106, hop limit=0 (request in 158) |
| 160   | 79,327523 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=107, hop limit=0 (reply in 161) |
| 161   | 79,97397  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=107, hop limit=0 (request in 160) |
| 162   | 80,327551 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=108, hop limit=0 (reply in 163) |
| 163   | 80,998981 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=108, hop limit=0 (request in 162) |
| 164   | 81,327532 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=109, hop limit=0 (reply in 165) |
| 165   | 81,986997 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=109, hop limit=0 (request in 164) |
| 166   | 82,327568 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=110, hop limit=0 (reply in 167) |
| 167   | 83,003005 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=110, hop limit=0 (request in 166) |
| 168   | 83,327417 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=111, hop limit=0 (reply in 169) |
| 169   | 83,970018 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=111, hop limit=0 (request in 168) |
| 170   | 84,327586 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=112, hop limit=0 (reply in 171) |
| 171   | 84,989029 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=112, hop limit=0 (request in 170) |
| 172   | 85,3276   | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=113, hop limit=0 (reply in 173) |
| 173   | 85,994042 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=113, hop limit=0 (request in 172) |
| 174   | 86,327597 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=114, hop limit=0 (reply in 175) |
| 175   | 87,023053 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=114, hop limit=0 (request in 174) |
| 176   | 87,327586 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=115, hop limit=0 (reply in 177) |
| 177   | 87,994068 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=115, hop limit=0 (request in 176) |
| 178   | 88,327629 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=116, hop limit=0 (reply in 179) |
| 179   | 89,006079 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=116, hop limit=0 (request in 178) |
| 180   | 89,327625 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=117, hop limit=0 (reply in 181) |
| 181   | 90,004091 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=117, hop limit=0 (request in 180) |
| 182   | 90,327637 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=118, hop limit=0 (reply in 183) |
| 183   | 91,013102 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=118, hop limit=0 (request in 182) |
| 184   | 91,327644 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=119, hop limit=0 (reply in 185) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 10 m |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 185   | 92,004114  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=119, hop limit=0 (request in 184) |
| 186   | 92,327665  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=120, hop limit=0 (reply in 187) |
| 187   | 92,996127  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=120, hop limit=0 (request in 186) |
| 188   | 93,327686  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=121, hop limit=0 (reply in 189) |
| 189   | 93,98614   | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=121, hop limit=0 (request in 188) |
| 190   | 94,327706  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=122, hop limit=0 (reply in 191) |
| 191   | 95,003229  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=122, hop limit=0 (request in 190) |
| 192   | 95,327775  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=123, hop limit=0 (reply in 193) |
| 193   | 95,998162  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=123, hop limit=0 (request in 192) |
| 194   | 96,327719  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=124, hop limit=0 (reply in 195) |
| 195   | 96,981174  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=124, hop limit=0 (request in 194) |
| 196   | 97,327757  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=125, hop limit=0 (reply in 197) |
| 197   | 97,985188  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=125, hop limit=0 (request in 196) |
| 198   | 98,327732  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=126, hop limit=0 (reply in 199) |
| 199   | 98,9982    | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=126, hop limit=0 (request in 198) |
| 200   | 99,327767  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=127, hop limit=0 (reply in 201) |
| 201   | 99,98321   | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=127, hop limit=0 (request in 200) |
| 202   | 100,327787 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=128, hop limit=0 (reply in 203) |
| 203   | 101,022224 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=128, hop limit=0 (request in 202) |
| 204   | 101,327787 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=129, hop limit=0 (reply in 205) |
| 205   | 101,994647 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=129, hop limit=0 (request in 204) |
| 206   | 102,327224 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=130, hop limit=0 (reply in 207) |
| 207   | 103,010248 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=130, hop limit=0 (request in 206) |
| 208   | 103,326791 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=131, hop limit=0 (reply in 209) |
| 209   | 103,99926  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=131, hop limit=0 (request in 208) |
| 210   | 104,326825 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=132, hop limit=0 (reply in 211) |
| 211   | 105,01027  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=132, hop limit=0 (request in 210) |
| 212   | 105,326814 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=133, hop limit=0 (reply in 213) |
| 213   | 106,004285 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=133, hop limit=0 (request in 212) |
| 214   | 106,326844 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=134, hop limit=0 (reply in 215) |
| 215   | 107,012298 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=134, hop limit=0 (request in 214) |
| 216   | 107,326841 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=135, hop limit=0 (reply in 217) |
| 217   | 107,985308 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=135, hop limit=0 (request in 216) |
| 218   | 108,326885 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=136, hop limit=0 (reply in 219) |
| 219   | 108,997299 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=136, hop limit=0 (request in 218) |
| 220   | 109,326805 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=137, hop limit=0 (reply in 221) |
| 221   | 109,989332 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=137, hop limit=0 (request in 220) |
| 222   | 110,326908 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=138, hop limit=0 (reply in 223) |
| 223   | 110,99832  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=138, hop limit=0 (request in 222) |
| 224   | 111,326824 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=139, hop limit=0 (reply in 225) |
| 225   | 111,979356 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=139, hop limit=0 (request in 224) |
| 226   | 112,32694  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=140, hop limit=0 (reply in 227) |
| 227   | 113,003369 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=140, hop limit=0 (request in 226) |
| 228   | 113,326916 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=141, hop limit=0 (reply in 229) |
| 229   | 114,01038  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=141, hop limit=0 (request in 228) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 10 m |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 230   | 114,326932 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=142, hop limit=0 (reply in 231) |
| 231   | 115,000395 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=142, hop limit=0 (request in 230) |
| 232   | 115,326949 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=143, hop limit=0 (reply in 233) |
| 233   | 116,001404 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=143, hop limit=0 (request in 232) |
| 234   | 116,326956 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=144, hop limit=0 (reply in 235) |
| 235   | 117,006419 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=144, hop limit=0 (request in 234) |
| 236   | 117,326968 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=145, hop limit=0 (reply in 237) |
| 237   | 117,99743  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=145, hop limit=0 (request in 236) |
| 238   | 118,327    | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=146, hop limit=0 (reply in 239) |
| 239   | 119,004443 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=146, hop limit=0 (request in 238) |
| 240   | 119,327002 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=147, hop limit=0 (reply in 241) |
| 241   | 119,984453 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=147, hop limit=0 (request in 240) |
| 242   | 120,327029 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=148, hop limit=0 (reply in 243) |
| 243   | 120,991466 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=148, hop limit=0 (request in 242) |
| 244   | 121,327025 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=149, hop limit=0 (reply in 245) |
| 245   | 121,991479 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=149, hop limit=0 (request in 244) |
| 246   | 122,327041 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=150, hop limit=0 (reply in 247) |
| 247   | 122,99049  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=150, hop limit=0 (request in 246) |
| 248   | 123,327072 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=151, hop limit=0 (reply in 249) |
| 249   | 124,001502 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=151, hop limit=0 (request in 248) |
| 250   | 124,327051 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=152, hop limit=0 (reply in 251) |
| 251   | 125,017516 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=152, hop limit=0 (request in 250) |
| 252   | 125,327051 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=153, hop limit=0                |
| 253   | 126,326715 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=154, hop limit=0                |
| 254   | 127,326683 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=155, hop limit=0 (reply in 255) |
| 255   | 127,98755  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=155, hop limit=0 (request in 254) |
| 256   | 128,326122 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=156, hop limit=0 (reply in 257) |
| 257   | 128,983563 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=156, hop limit=0 (request in 256) |
| 258   | 129,326132 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=157, hop limit=0 (reply in 259) |
| 259   | 130,003577 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=157, hop limit=0 (request in 258) |
| 260   | 130,326122 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=158, hop limit=0 (reply in 261) |
| 261   | 130,983585 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=158, hop limit=0 (request in 260) |
| 262   | 131,326159 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=159, hop limit=0 (reply in 263) |
| 263   | 131,9876   | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=159, hop limit=0 (request in 262) |
| 264   | 132,326173 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=160, hop limit=0 (reply in 265) |
| 265   | 132,999611 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=160, hop limit=0 (request in 264) |
| 266   | 133,326171 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=161, hop limit=0 (reply in 267) |
| 267   | 133,998639 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=161, hop limit=0 (request in 266) |
| 268   | 134,326189 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=162, hop limit=0 (reply in 269) |
| 269   | 134,978656 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=162, hop limit=0 (request in 268) |
| 270   | 135,326226 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=163, hop limit=0 (reply in 271) |
| 271   | 135,974658 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=163, hop limit=0 (request in 270) |
| 272   | 136,326239 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=164, hop limit=0 (reply in 273) |
| 273   | 137,004659 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=164, hop limit=0 (request in 272) |
| 274   | 137,326202 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=165, hop limit=0 (reply in 275) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 10 m |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 275   | 137,999673 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=165, hop limit=0 (request in 274) |
| 276   | 138,326229 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=166, hop limit=0 (reply in 277) |
| 277   | 139,006666 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=166, hop limit=0 (request in 276) |
| 278   | 139,326209 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=167, hop limit=0 (reply in 279) |
| 279   | 139,988702 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=167, hop limit=0 (request in 278) |
| 280   | 140,32627  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=168, hop limit=0 (reply in 281) |
| 281   | 140,98071  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=168, hop limit=0 (request in 280) |
| 282   | 141,326207 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=169, hop limit=0 (reply in 283) |
| 283   | 141,980718 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=169, hop limit=0 (request in 282) |
| 284   | 142,326305 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=170, hop limit=0 (reply in 285) |
| 285   | 142,996707 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=170, hop limit=0 (request in 284) |
| 286   | 143,326212 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=171, hop limit=0 (reply in 287) |
| 287   | 143,997743 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=171, hop limit=0 (request in 286) |
| 288   | 144,32628  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=172, hop limit=0 (reply in 289) |
| 289   | 144,997754 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=172, hop limit=0 (request in 288) |
| 290   | 145,326311 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=173, hop limit=0 (reply in 291) |
| 291   | 146,000769 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=173, hop limit=0 (request in 290) |
| 292   | 146,326322 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=174, hop limit=0 (reply in 293) |
| 293   | 146,992779 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=174, hop limit=0 (request in 292) |
| 294   | 147,326351 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=175, hop limit=0 (reply in 295) |
| 295   | 148,000791 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=175, hop limit=0 (request in 294) |
| 296   | 148,326318 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=176, hop limit=0 (reply in 297) |
| 297   | 148,999806 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=176, hop limit=0 (request in 296) |
| 298   | 149,326335 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=177, hop limit=0 (reply in 299) |
| 299   | 149,982818 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=177, hop limit=0 (request in 298) |
| 300   | 150,326389 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=178, hop limit=0 (reply in 301) |
| 301   | 150,961825 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=178, hop limit=0 (request in 300) |
| 302   | 151,326428 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=179, hop limit=0 (reply in 303) |
| 303   | 152,007817 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=179, hop limit=0 (request in 302) |
| 304   | 152,326337 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=180, hop limit=0 (reply in 305) |
| 305   | 152,988854 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=180, hop limit=0 (request in 304) |
| 306   | 153,326395 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=181, hop limit=0 (reply in 307) |
| 307   | 154,000866 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=181, hop limit=0 (request in 306) |
| 308   | 154,326428 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=182, hop limit=0 (reply in 309) |
| 309   | 155,004877 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=182, hop limit=0 (request in 308) |
| 310   | 155,3264   | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=183, hop limit=0 (reply in 311) |
| 311   | 155,98589  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=183, hop limit=0 (request in 310) |
| 312   | 156,326429 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=184, hop limit=0 (reply in 313) |
| 313   | 157,010902 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=184, hop limit=0 (request in 312) |
| 314   | 157,326418 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=185, hop limit=0 (reply in 315) |
| 315   | 157,973913 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=185, hop limit=0 (request in 314) |
| 316   | 158,3265   | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=186, hop limit=0 (reply in 317) |
| 317   | 158,994923 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=186, hop limit=0 (request in 316) |
| 318   | 159,326457 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=187, hop limit=0 (reply in 319) |
| 319   | 159,969939 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=187, hop limit=0 (request in 318) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 10 m |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 320   | 160,326523 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=188, hop limit=0 (reply in 321) |
| 321   | 160,97995  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=188, hop limit=0 (request in 320) |
| 322   | 161,326525 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=189, hop limit=0 (reply in 323) |
| 323   | 161,993961 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=189, hop limit=0 (request in 322) |
| 324   | 162,326518 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=190, hop limit=0 (reply in 325) |
| 325   | 162,990945 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=190, hop limit=0 (request in 324) |
| 326   | 163,326472 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=191, hop limit=0 (reply in 327) |
| 327   | 163,976987 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=191, hop limit=0 (request in 326) |
| 328   | 164,326595 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=192, hop limit=0 (reply in 329) |
| 329   | 164,990999 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=192, hop limit=0 (request in 328) |
| 330   | 165,326577 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=193, hop limit=0 (reply in 331) |
| 331   | 165,964008 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=193, hop limit=0 (request in 330) |
| 332   | 166,326629 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=194, hop limit=0 (reply in 333) |
| 333   | 167,001998 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=194, hop limit=0 (request in 332) |
| 334   | 167,326502 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=195, hop limit=0 (reply in 335) |
| 335   | 167,996035 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=195, hop limit=0 (request in 334) |
| 336   | 168,326626 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=196, hop limit=0 (reply in 337) |
| 337   | 168,962022 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=196, hop limit=0 (request in 336) |
| 338   | 169,326577 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=197, hop limit=0 (reply in 339) |
| 339   | 169,966059 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=197, hop limit=0 (request in 338) |
| 340   | 170,326712 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=198, hop limit=0 (reply in 341) |
| 341   | 170,972034 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=198, hop limit=0 (request in 340) |
| 342   | 171,326577 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=199, hop limit=0 (reply in 343) |
| 343   | 171,984083 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=199, hop limit=0 (request in 342) |
| 344   | 172,326674 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=200, hop limit=0 (reply in 345) |
| 345   | 172,96607  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=200, hop limit=0 (request in 344) |
| 346   | 173,326626 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=201, hop limit=0 (reply in 347) |
| 347   | 173,992107 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=201, hop limit=0 (request in 346) |
| 348   | 174,326685 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=202, hop limit=0 (reply in 349) |
| 349   | 175,000095 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=202, hop limit=0 (request in 348) |
| 350   | 175,326626 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=203, hop limit=0 (reply in 351) |
| 351   | 175,993096 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=203, hop limit=0 (request in 350) |
| 352   | 176,326631 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=204, hop limit=0 (reply in 353) |
| 353   | 177,001144 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=204, hop limit=0 (request in 352) |
| 354   | 177,326702 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=205, hop limit=0 (reply in 355) |
| 355   | 177,998155 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=205, hop limit=0 (request in 354) |
| 356   | 178,326678 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=206, hop limit=0 (reply in 357) |
| 357   | 179,00717  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=206, hop limit=0 (request in 356) |
| 358   | 179,326716 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=207, hop limit=0 (reply in 359) |
| 359   | 180,000178 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=207, hop limit=0 (request in 358) |
| 360   | 180,326732 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=208, hop limit=0 (reply in 361) |
| 361   | 180,987191 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=208, hop limit=0 (request in 360) |
| 362   | 181,326768 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=209, hop limit=0 (reply in 363) |
| 363   | 181,993205 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=209, hop limit=0 (request in 362) |
| 364   | 182,326782 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=210, hop limit=0 (reply in 365) |



| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 10 m |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 365   | 182,959217 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=210, hop limit=0 (request in 364) |
| 366   | 183,326817 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=211, hop limit=0 (reply in 367) |
| 367   | 183,991227 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=211, hop limit=0 (request in 366) |
| 368   | 184,326784 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=212, hop limit=0 (reply in 369) |
| 369   | 184,997242 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=212, hop limit=0 (request in 368) |
| 370   | 185,326797 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=213, hop limit=0 (reply in 371) |
| 371   | 185,992251 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=213, hop limit=0 (request in 370) |
| 372   | 186,326813 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=214, hop limit=0 (reply in 373) |
| 373   | 187,010261 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=214, hop limit=0 (request in 372) |
| 374   | 187,326806 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=215, hop limit=0 (reply in 375) |
| 375   | 188,005276 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=215, hop limit=0 (request in 374) |
| 376   | 188,326828 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=216, hop limit=0 (reply in 377) |
| 377   | 189,007289 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=216, hop limit=0 (request in 376) |
| 378   | 189,326832 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=217, hop limit=0 (reply in 379) |
| 379   | 190,003301 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=217, hop limit=0 (request in 378) |
| 380   | 190,326849 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=218, hop limit=0 (reply in 381) |
| 381   | 190,997314 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=218, hop limit=0 (request in 380) |
| 382   | 191,326866 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=219, hop limit=0 (reply in 383) |
| 383   | 192,006324 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=219, hop limit=0 (request in 382) |
| 384   | 192,32687  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=220, hop limit=0 (reply in 385) |
| 385   | 193,006337 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=220, hop limit=0 (request in 384) |
| 386   | 193,326885 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=221, hop limit=0 (reply in 387) |
| 387   | 193,976348 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=221, hop limit=0 (request in 386) |
| 388   | 194,326943 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=222, hop limit=0 (reply in 389) |
| 389   | 194,969361 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=222, hop limit=0 (request in 388) |
| 390   | 195,326954 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=223, hop limit=0 (reply in 391) |
| 391   | 195,983349 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=223, hop limit=0 (request in 390) |
| 392   | 196,326756 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=224, hop limit=0 (reply in 393) |
| 393   | 196,974387 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=224, hop limit=0 (request in 392) |
| 394   | 197,326689 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=225, hop limit=0 (reply in 395) |
| 395   | 197,9844   | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=225, hop limit=0 (request in 394) |
| 396   | 198,326677 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=226, hop limit=0 (reply in 397) |
| 397   | 198,989409 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=226, hop limit=0 (request in 396) |
| 398   | 199,326685 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=227, hop limit=0 (reply in 399) |
| 399   | 199,994422 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=227, hop limit=0 (request in 398) |
| 400   | 200,326675 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=228, hop limit=0 (reply in 401) |
| 401   | 200,984434 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=228, hop limit=0 (request in 400) |
| 402   | 201,326685 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=229, hop limit=0 (reply in 403) |
| 403   | 201,996446 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=229, hop limit=0 (request in 402) |
| 404   | 202,326675 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=230, hop limit=0 (reply in 405) |
| 405   | 203,020458 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=230, hop limit=0 (request in 404) |
| 406   | 203,326689 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=231, hop limit=0 (reply in 407) |
| 407   | 203,997472 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=231, hop limit=0 (request in 406) |
| 408   | 204,327034 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=232, hop limit=0 (reply in 409) |
| 409   | 204,993483 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=232, hop limit=0 (request in 408) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 10 m |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 410   | 205,32705  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=233, hop limit=0 (reply in 411) |
| 411   | 206,016495 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=233, hop limit=0 (request in 410) |
| 412   | 206,327026 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=234, hop limit=0 (reply in 413) |
| 413   | 206,985506 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=234, hop limit=0 (request in 412) |
| 414   | 207,327074 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=235, hop limit=0 (reply in 415) |
| 415   | 207,993519 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=235, hop limit=0 (request in 414) |
| 416   | 208,327085 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=236, hop limit=0 (reply in 417) |
| 417   | 208,96853  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=236, hop limit=0 (request in 416) |
| 418   | 209,327116 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=237, hop limit=0 (reply in 419) |
| 419   | 210,004544 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=237, hop limit=0 (request in 418) |
| 420   | 210,327087 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=238, hop limit=0 (reply in 421) |
| 421   | 211,003556 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=238, hop limit=0 (request in 420) |
| 422   | 211,327102 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=239, hop limit=0 (reply in 423) |
| 423   | 211,996569 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=239, hop limit=0 (request in 422) |
| 424   | 212,327123 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=240, hop limit=0 (reply in 425) |
| 425   | 213,00158  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=240, hop limit=0 (request in 424) |
| 426   | 213,327127 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=241, hop limit=0 (reply in 427) |
| 427   | 213,982615 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=241, hop limit=0 (request in 426) |
| 428   | 214,327171 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=242, hop limit=0 (reply in 429) |
| 429   | 214,992603 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=242, hop limit=0 (request in 428) |
| 430   | 215,327156 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=243, hop limit=0 (reply in 431) |
| 431   | 215,980614 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=243, hop limit=0 (request in 430) |
| 432   | 216,327179 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=244, hop limit=0 (reply in 433) |
| 433   | 216,977628 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=244, hop limit=0 (request in 432) |
| 434   | 217,327209 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=245, hop limit=0 (reply in 435) |
| 435   | 217,97264  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=245, hop limit=0 (request in 434) |
| 436   | 218,327213 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=246, hop limit=0 (reply in 437) |
| 437   | 218,984651 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=246, hop limit=0 (request in 436) |
| 438   | 219,327208 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=247, hop limit=0 (reply in 439) |
| 439   | 220,003663 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=247, hop limit=0 (request in 438) |
| 440   | 220,327202 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=248, hop limit=0 (reply in 441) |
| 441   | 220,988677 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=248, hop limit=0 (request in 440) |
| 442   | 221,327231 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=249, hop limit=0 (reply in 443) |
| 443   | 221,995687 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=249, hop limit=0 (request in 442) |
| 444   | 222,327233 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=250, hop limit=0 (reply in 445) |
| 445   | 222,975698 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=250, hop limit=0 (request in 444) |
| 446   | 223,32724  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=251, hop limit=0 (reply in 447) |
| 447   | 223,984712 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=251, hop limit=0 (request in 446) |
| 448   | 224,327287 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=252, hop limit=0 (reply in 449) |
| 449   | 224,987726 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=252, hop limit=0 (request in 448) |
| 450   | 225,327286 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=253, hop limit=0 (reply in 451) |
| 451   | 225,979737 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=253, hop limit=0 (request in 450) |
| 452   | 226,327307 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=254, hop limit=0 (reply in 453) |
| 453   | 226,979747 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=254, hop limit=0 (request in 452) |
| 454   | 227,327324 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=255, hop limit=0 (reply in 455) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 10 m |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 455   | 228,016761 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=255, hop limit=0 (request in 454) |
| 456   | 228,327297 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=256, hop limit=0 (reply in 457) |
| 457   | 228,993774 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=256, hop limit=0 (request in 456) |
| 458   | 229,327337 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=257, hop limit=0 (reply in 459) |
| 459   | 230,005785 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=257, hop limit=0 (request in 458) |
| 460   | 230,327338 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=258, hop limit=0 (reply in 461) |
| 461   | 230,993798 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=258, hop limit=0 (request in 460) |
| 462   | 231,327362 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=259, hop limit=0 (reply in 463) |
| 463   | 231,963809 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=259, hop limit=0 (request in 462) |
| 464   | 232,327397 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=260, hop limit=0 (reply in 465) |
| 465   | 233,006822 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=260, hop limit=0 (request in 464) |
| 466   | 233,327374 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=261, hop limit=0 (reply in 467) |
| 467   | 234,019803 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=261, hop limit=0 (request in 466) |
| 468   | 234,327293 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=262, hop limit=0 (reply in 469) |
| 469   | 234,978845 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=262, hop limit=0 (request in 468) |
| 470   | 235,327424 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=263, hop limit=0 (reply in 471) |
| 471   | 236,018857 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=263, hop limit=0 (request in 470) |
| 472   | 236,327387 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=264, hop limit=0 (reply in 473) |
| 473   | 236,987872 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=264, hop limit=0 (request in 472) |
| 474   | 237,327442 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=265, hop limit=0 (reply in 475) |
| 475   | 237,983883 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=265, hop limit=0 (request in 474) |
| 476   | 238,327462 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=266, hop limit=0 (reply in 477) |
| 477   | 239,008895 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=266, hop limit=0 (request in 476) |
| 478   | 239,327433 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=267, hop limit=0 (reply in 479) |
| 479   | 240,000906 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=267, hop limit=0 (request in 478) |
| 480   | 240,327449 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=268, hop limit=0 (reply in 481) |
| 481   | 241,001918 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=268, hop limit=0 (request in 480) |
| 482   | 241,32746  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=269, hop limit=0 (reply in 483) |
| 483   | 241,993931 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=269, hop limit=0 (request in 482) |
| 484   | 242,327481 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=270, hop limit=0 (reply in 485) |
| 485   | 242,993943 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=270, hop limit=0 (request in 484) |
| 486   | 243,327496 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=271, hop limit=0 (reply in 487) |
| 487   | 243,994954 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=271, hop limit=0 (request in 486) |
| 488   | 244,327498 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=272, hop limit=0 (reply in 489) |
| 489   | 244,983969 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=272, hop limit=0 (request in 488) |
| 490   | 245,327508 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=273, hop limit=0 (reply in 491) |
| 491   | 246,002978 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=273, hop limit=0 (request in 490) |
| 492   | 246,327534 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=274, hop limit=0 (reply in 493) |
| 493   | 246,985992 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=274, hop limit=0 (request in 492) |
| 494   | 247,327556 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=275, hop limit=0 (reply in 495) |
| 495   | 247,996003 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=275, hop limit=0 (request in 494) |
| 496   | 248,327559 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=276, hop limit=0 (reply in 497) |
| 497   | 248,983016 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=276, hop limit=0 (request in 496) |
| 498   | 249,327592 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=277, hop limit=0 (reply in 499) |
| 499   | 249,973012 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=277, hop limit=0 (request in 498) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 10 m |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 500   | 250,327592 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=278, hop limit=0 (reply in 501) |
| 501   | 250,991037 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=278, hop limit=0 (request in 500) |
| 502   | 251,32759  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=279, hop limit=0 (reply in 503) |
| 503   | 252,003051 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=279, hop limit=0 (request in 502) |
| 504   | 252,327595 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=280, hop limit=0 (reply in 505) |
| 505   | 253,005064 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=280, hop limit=0 (request in 504) |
| 506   | 253,327611 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=281, hop limit=0 (reply in 507) |
| 507   | 253,977076 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=281, hop limit=0 (request in 506) |
| 508   | 254,327663 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=282, hop limit=0 (reply in 509) |
| 509   | 254,995088 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=282, hop limit=0 (request in 508) |
| 510   | 255,327655 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=283, hop limit=0 (reply in 511) |
| 511   | 255,995101 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=283, hop limit=0 (request in 510) |
| 512   | 256,327665 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=284, hop limit=0 (reply in 513) |
| 513   | 256,982115 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=284, hop limit=0 (request in 512) |
| 514   | 257,327689 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=285, hop limit=0 (reply in 515) |
| 515   | 257,985126 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=285, hop limit=0 (request in 514) |
| 516   | 258,327392 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=286, hop limit=0 (reply in 517) |
| 517   | 258,978135 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=286, hop limit=0 (request in 516) |
| 518   | 259,327723 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=287, hop limit=0 (reply in 519) |
| 519   | 260,019151 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=287, hop limit=0 (request in 518) |
| 520   | 260,327688 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=288, hop limit=0 (reply in 521) |
| 521   | 260,980161 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=288, hop limit=0 (request in 520) |
| 522   | 261,327746 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=289, hop limit=0 (reply in 523) |
| 523   | 261,970173 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=289, hop limit=0 (request in 522) |
| 524   | 262,32776  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=290, hop limit=0 (reply in 525) |
| 525   | 262,980184 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=290, hop limit=0 (request in 524) |
| 526   | 263,327766 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=291, hop limit=0 (reply in 527) |
| 527   | 263,983197 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=291, hop limit=0 (request in 526) |
| 528   | 264,327784 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=292, hop limit=0 (reply in 529) |
| 529   | 265,004209 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=292, hop limit=0 (request in 528) |
| 530   | 265,327781 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=293, hop limit=0 (reply in 531) |
| 531   | 265,986197 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=293, hop limit=0 (request in 530) |
| 532   | 266,327717 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=294, hop limit=0 (reply in 533) |
| 533   | 266,998231 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=294, hop limit=0 (request in 532) |
| 534   | 267,3278   | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=295, hop limit=0 (reply in 535) |
| 535   | 268,00122  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=295, hop limit=0 (request in 534) |
| 536   | 268,327723 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=296, hop limit=0 (reply in 537) |
| 537   | 268,991255 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=296, hop limit=0 (request in 536) |
| 538   | 269,327829 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=297, hop limit=0 (reply in 539) |
| 539   | 269,999268 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=297, hop limit=0 (request in 538) |
| 540   | 270,327848 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=298, hop limit=0 (reply in 541) |
| 541   | 271,024282 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=298, hop limit=0 (request in 540) |
| 542   | 271,327827 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=299, hop limit=0 (reply in 543) |
| 543   | 271,985293 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=299, hop limit=0 (request in 542) |
| 544   | 272,327861 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=300, hop limit=0 (reply in 545) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 10 m |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 545   | 273,007305 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=300, hop limit=0 (request in 544) |
| 546   | 273,327852 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=301, hop limit=0 (reply in 547) |
| 547   | 273,984317 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=301, hop limit=0 (request in 546) |
| 548   | 274,327897 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=302, hop limit=0 (reply in 549) |
| 549   | 275,023329 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=302, hop limit=0 (request in 548) |
| 550   | 275,327874 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=303, hop limit=0 (reply in 551) |
| 551   | 275,96834  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=303, hop limit=0 (request in 550) |
| 552   | 276,327932 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=304, hop limit=0 (reply in 553) |
| 553   | 276,990354 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=304, hop limit=0 (request in 552) |
| 554   | 277,327916 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=305, hop limit=0 (reply in 555) |
| 555   | 277,985366 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=305, hop limit=0 (request in 554) |
| 556   | 278,327932 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=306, hop limit=0 (reply in 557) |
| 557   | 279,005376 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=306, hop limit=0 (request in 556) |
| 558   | 279,327921 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=307, hop limit=0 (reply in 559) |
| 559   | 280,002389 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=307, hop limit=0 (request in 558) |
| 560   | 280,327943 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=308, hop limit=0 (reply in 561) |
| 561   | 281,001402 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=308, hop limit=0 (request in 560) |
| 562   | 281,327954 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=309, hop limit=0 (reply in 563) |
| 563   | 281,982415 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=309, hop limit=0 (request in 562) |
| 564   | 282,327989 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=310, hop limit=0 (reply in 565) |
| 565   | 283,012425 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=310, hop limit=0 (request in 564) |
| 566   | 283,327963 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=311, hop limit=0 (reply in 567) |
| 567   | 284,016439 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=311, hop limit=0 (request in 566) |
| 568   | 284,327975 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=312, hop limit=0 (reply in 569) |
| 569   | 285,002449 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=312, hop limit=0 (request in 568) |
| 570   | 285,328015 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=313, hop limit=0 (reply in 571) |
| 571   | 285,986463 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=313, hop limit=0 (request in 570) |
| 572   | 286,328053 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=314, hop limit=0 (reply in 573) |
| 573   | 286,971474 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=314, hop limit=0 (request in 572) |
| 574   | 287,328068 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=315, hop limit=0 (reply in 575) |
| 575   | 287,972487 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=315, hop limit=0 (request in 574) |
| 576   | 288,328079 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=316, hop limit=0 (reply in 577) |
| 577   | 288,993499 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=316, hop limit=0 (request in 576) |
| 578   | 289,328078 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=317, hop limit=0 (reply in 579) |
| 579   | 290,01551  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=317, hop limit=0 (request in 578) |
| 580   | 290,328061 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=318, hop limit=0 (reply in 581) |
| 581   | 291,004488 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=318, hop limit=0 (request in 580) |
| 582   | 291,327964 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=319, hop limit=0 (reply in 583) |
| 583   | 292,013511 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=319, hop limit=0 (request in 582) |
| 584   | 292,327977 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=320, hop limit=0 (reply in 585) |
| 585   | 292,986523 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=320, hop limit=0 (request in 584) |
| 586   | 293,328059 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=321, hop limit=0 (reply in 587) |
| 587   | 294,00356  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=321, hop limit=0 (request in 586) |
| 588   | 294,328124 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=322, hop limit=0 (reply in 589) |
| 589   | 294,98157  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=322, hop limit=0 (request in 588) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 10 m |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 590   | 295,328154 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=323, hop limit=0 (reply in 591) |
| 591   | 295,99656  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=323, hop limit=0 (request in 590) |
| 592   | 296,328068 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=324, hop limit=0 (reply in 593) |
| 593   | 297,005599 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=324, hop limit=0 (request in 592) |
| 594   | 297,328159 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=325, hop limit=0 (reply in 595) |
| 595   | 298,007765 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=325, hop limit=0 (request in 594) |
| 596   | 298,327719 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=326, hop limit=0 (reply in 597) |
| 597   | 298,99362  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=326, hop limit=0 (request in 596) |
| 598   | 299,327183 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=327, hop limit=0 (reply in 599) |
| 599   | 299,975634 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=327, hop limit=0 (request in 598) |
| 600   | 300,327233 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=328, hop limit=0 (reply in 601) |
| 601   | 300,980643 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=328, hop limit=0 (request in 600) |
| 602   | 301,327216 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=329, hop limit=0 (reply in 603) |
| 603   | 301,990663 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ef0, seq=329, hop limit=0 (request in 602) |
| 604   | 302,327238 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ef0, seq=330, hop limit=0                |

**Tabla 24. Test para el nodo 7 con 6Lowpan a 20 m sin LPL y con enrutamiento estático.**

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 20 m |           |           |             |          |        |  |
|---|-----------|-----------|-------------|----------|--------|--|
| No.   | Time      | Source    | Destination | Protocol | Length | Info   |
| 1   | 0         | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=31, hop limit=0 (reply in 2)  |
| 2   | 0,677543  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=31, hop limit=0 (request in 1)  |
| 3   | 1,0011    | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=32, hop limit=0 (reply in 4)  |
| 4   | 1,664555  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=32, hop limit=0 (request in 3)  |
| 5   | 2,002094  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=33, hop limit=0 (reply in 6)  |
| 6   | 2,675567  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=33, hop limit=0 (request in 5)  |
| 7   | 3,003128  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=34, hop limit=0 (reply in 8)  |
| 8   | 3,664579  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=34, hop limit=0 (request in 7)  |
| 9   | 4,004155  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=35, hop limit=0 (reply in 10) |
| 10  | 4,676593  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=35, hop limit=0 (request in 9)  |
| 11  | 5,005156  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=36, hop limit=0 (reply in 12) |
| 12  | 5,678602  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=36, hop limit=0 (request in 11) |
| 13  | 6,006165  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=37, hop limit=0 (reply in 14) |
| 14  | 6,666616  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=37, hop limit=0 (request in 13) |
| 15  | 7,007206  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=38, hop limit=0 (reply in 16) |
| 16  | 7,69263   | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=38, hop limit=0 (request in 15) |
| 17  | 8,008184  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=39, hop limit=0 (reply in 18) |
| 18  | 8,674642  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=39, hop limit=0 (request in 17) |
| 19  | 9,009174  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=40, hop limit=0 (reply in 20) |
| 20  | 9,680651  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=40, hop limit=0 (request in 19) |
| 21  | 10,010224 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=41, hop limit=0 (reply in 22) |
| 22  | 10,672645 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=41, hop limit=0 (request in 21) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 20 m |           |           |             |          |        |  |
|---|-----------|-----------|-------------|----------|--------|--|
| No.   | Time      | Source    | Destination | Protocol | Length | Info   |
| 23  | 11,011192 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=42, hop limit=0 (reply in 24) |
| 24  | 11,672676 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=42, hop limit=0 (request in 23) |
| 25  | 12,012228 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=43, hop limit=0 (reply in 26) |
| 26  | 12,67869  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=43, hop limit=0 (request in 25) |
| 27  | 13,013261 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=44, hop limit=0 (reply in 28) |
| 28  | 13,7017   | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=44, hop limit=0 (request in 27) |
| 29  | 14,014279 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=45, hop limit=0 (reply in 30) |
| 30  | 14,669713 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=45, hop limit=0 (request in 29) |
| 31  | 15,015262 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=46, hop limit=0 (reply in 32) |
| 32  | 15,670726 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=46, hop limit=0 (request in 31) |
| 33  | 16,016341 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=47, hop limit=0 (reply in 34) |
| 34  | 16,706737 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=47, hop limit=0 (request in 33) |
| 35  | 17,017251 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=48, hop limit=0 (reply in 36) |
| 36  | 17,68475  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=48, hop limit=0 (request in 35) |
| 37  | 18,018261 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=49, hop limit=0 (reply in 38) |
| 38  | 18,674737 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=49, hop limit=0 (request in 37) |
| 39  | 19,019267 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=50, hop limit=0 (reply in 40) |
| 40  | 19,681749 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=50, hop limit=0 (request in 39) |
| 41  | 20,020275 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=51, hop limit=0 (reply in 42) |
| 42  | 20,676786 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=51, hop limit=0 (request in 41) |
| 43  | 21,021375 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=52, hop limit=0 (reply in 44) |
| 44  | 21,689773 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=52, hop limit=0 (request in 43) |
| 45  | 22,022292 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=53, hop limit=0 (reply in 46) |
| 46  | 22,676785 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=53, hop limit=0 (request in 45) |
| 47  | 23,023316 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=54, hop limit=0 (reply in 48) |
| 48  | 23,678823 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=54, hop limit=0 (request in 47) |
| 49  | 24,024406 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=55, hop limit=0 (reply in 50) |
| 50  | 24,67781  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=55, hop limit=0 (request in 49) |
| 51  | 25,025342 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=56, hop limit=0 (reply in 52) |
| 52  | 25,701847 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=56, hop limit=0 (request in 51) |
| 53  | 26,026407 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=57, hop limit=0 (reply in 54) |
| 54  | 26,711847 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=57, hop limit=0 (request in 53) |
| 55  | 27,027355 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=58, hop limit=0 (reply in 56) |
| 56  | 27,685846 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=58, hop limit=0 (request in 55) |
| 57  | 28,028375 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=59, hop limit=0 (reply in 58) |
| 58  | 28,716859 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=59, hop limit=0 (request in 57) |
| 59  | 29,029355 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=60, hop limit=0 (reply in 60) |
| 60  | 29,69687  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=60, hop limit=0 (request in 59) |
| 61  | 30,03039  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=61, hop limit=0 (reply in 62) |
| 62  | 30,699936 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=61, hop limit=0 (request in 61) |
| 63  | 31,031508 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=62, hop limit=0 (reply in 64) |
| 64  | 31,7159   | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=62, hop limit=0 (request in 63) |
| 65  | 32,032402 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=63, hop limit=0 (reply in 66) |
| 66  | 32,6999   | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=63, hop limit=0 (request in 65) |
| 67  | 33,033418 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=64, hop limit=0 (reply in 68) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 20 m |           |           |             |          |        |   |
|---|-----------|-----------|-------------|----------|--------|---|
| No.   | Time      | Source    | Destination | Protocol | Length | Info  |
| 68  | 33,695933 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=64, hop limit=0 (request in 67)  |
| 69  | 34,034333 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=65, hop limit=0 (reply in 70)  |
| 70  | 34,717957 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=65, hop limit=0 (request in 69)  |
| 71  | 35,035509 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=66, hop limit=0 (reply in 72)  |
| 72  | 35,694968 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=66, hop limit=0 (request in 71)  |
| 73  | 36,036542 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=67, hop limit=0 (reply in 74)  |
| 74  | 36,697981 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=67, hop limit=0 (request in 73)  |
| 75  | 37,037552 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=68, hop limit=0                |
| 76  | 38,046045 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=69, hop limit=0                |
| 77  | 39,054059 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=70, hop limit=0 (reply in 78)  |
| 78  | 39,702016 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=70, hop limit=0 (request in 77)  |
| 79  | 40,054598 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=71, hop limit=0 (reply in 80)  |
| 80  | 40,719028 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=71, hop limit=0 (request in 79)  |
| 81  | 41,055592 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=72, hop limit=0 (reply in 82)  |
| 82  | 41,71704  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=72, hop limit=0 (request in 81)  |
| 83  | 42,056606 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=73, hop limit=0 (reply in 84)  |
| 84  | 42,709052 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=73, hop limit=0 (request in 83)  |
| 85  | 43,057649 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=74, hop limit=0 (reply in 86)  |
| 86  | 43,722066 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=74, hop limit=0 (request in 85)  |
| 87  | 44,058629 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=75, hop limit=0 (reply in 88)  |
| 88  | 44,715076 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=75, hop limit=0 (request in 87)  |
| 89  | 45,059648 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=76, hop limit=0 (reply in 90)  |
| 90  | 45,709088 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=76, hop limit=0 (request in 89)  |
| 91  | 46,060666 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=77, hop limit=0 (reply in 92)  |
| 92  | 46,732101 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=77, hop limit=0 (request in 91)  |
| 93  | 47,061658 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=78, hop limit=0 (reply in 94)  |
| 94  | 47,725113 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=78, hop limit=0 (request in 93)  |
| 95  | 48,062679 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=79, hop limit=0 (reply in 96)  |
| 96  | 48,707126 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=79, hop limit=0 (request in 95)  |
| 97  | 49,063711 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=80, hop limit=0 (reply in 98)  |
| 98  | 49,723137 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=80, hop limit=0 (request in 97)  |
| 99  | 50,064709 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=81, hop limit=0 (reply in 100) |
| 100   | 50,716149 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=81, hop limit=0 (request in 99)  |
| 101   | 51,065731 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=82, hop limit=0 (reply in 102) |
| 102   | 51,724162 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=82, hop limit=0 (request in 101) |
| 103   | 52,066737 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=83, hop limit=0 (reply in 104) |
| 104   | 52,720174 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=83, hop limit=0 (request in 103) |
| 105   | 53,067753 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=84, hop limit=0 (reply in 106) |
| 106   | 53,730189 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=84, hop limit=0 (request in 105) |
| 107   | 54,068761 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=85, hop limit=0 (reply in 108) |
| 108   | 54,714202 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=85, hop limit=0 (request in 107) |
| 109   | 55,069792 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=86, hop limit=0 (reply in 110) |
| 110   | 55,730211 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=86, hop limit=0 (request in 109) |
| 111   | 56,070784 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=87, hop limit=0 (reply in 112) |
| 112   | 56,740192 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=87, hop limit=0 (request in 111) |



| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 20 m |           |           |             |          |        |  |
|---|-----------|-----------|-------------|----------|--------|--|
| No.   | Time      | Source    | Destination | Protocol | Length | Info   |
| 113   | 57,071712 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=88, hop limit=0 (reply in 114)  |
| 114   | 57,718264 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=88, hop limit=0 (request in 113)  |
| 115   | 58,072854 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=89, hop limit=0 (reply in 116)  |
| 116   | 58,747246 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=89, hop limit=0 (request in 115)  |
| 117   | 59,073805 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=90, hop limit=0 (reply in 118)  |
| 118   | 59,749259 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=90, hop limit=0 (request in 117)  |
| 119   | 60,07482  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=91, hop limit=0 (reply in 120)  |
| 120   | 60,740272 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=91, hop limit=0 (request in 119)  |
| 121   | 61,075863 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=92, hop limit=0 (reply in 122)  |
| 122   | 61,764284 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=92, hop limit=0 (request in 121)  |
| 123   | 62,076828 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=93, hop limit=0 (reply in 124)  |
| 124   | 62,751295 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=93, hop limit=0 (request in 123)  |
| 125   | 63,077854 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=94, hop limit=0 (reply in 126)  |
| 126   | 63,744308 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=94, hop limit=0 (request in 125)  |
| 127   | 64,078874 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=95, hop limit=0 (reply in 128)  |
| 128   | 64,740319 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=95, hop limit=0 (request in 127)  |
| 129   | 65,079917 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=96, hop limit=0 (reply in 130)  |
| 130   | 65,732307 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=96, hop limit=0 (request in 129)  |
| 131   | 66,08083  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=97, hop limit=0 (reply in 132)  |
| 132   | 66,761344 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=97, hop limit=0 (request in 131)  |
| 133   | 67,081897 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=98, hop limit=0 (reply in 134)  |
| 134   | 67,752356 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=98, hop limit=0 (request in 133)  |
| 135   | 68,082918 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=99, hop limit=0 (reply in 136)  |
| 136   | 68,750367 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=99, hop limit=0 (request in 135)  |
| 137   | 69,083949 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=100, hop limit=0 (reply in 138) |
| 138   | 69,743344 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=100, hop limit=0 (request in 137) |
| 139   | 70,084873 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=101, hop limit=0 (reply in 140) |
| 140   | 70,74939  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=101, hop limit=0 (request in 139) |
| 141   | 71,085954 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=102, hop limit=0 (reply in 142) |
| 142   | 71,748405 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=102, hop limit=0 (request in 141) |
| 143   | 72,086971 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=103, hop limit=0 (reply in 144) |
| 144   | 72,756416 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=103, hop limit=0 (request in 143) |
| 145   | 73,087956 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=104, hop limit=0 (reply in 146) |
| 146   | 73,759428 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=104, hop limit=0 (request in 145) |
| 147   | 74,088984 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=105, hop limit=0 (reply in 148) |
| 148   | 74,76444  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=105, hop limit=0 (request in 147) |
| 149   | 75,089995 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=106, hop limit=0 (reply in 150) |
| 150   | 75,782452 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=106, hop limit=0 (request in 149) |
| 151   | 76,090989 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=107, hop limit=0 (reply in 152) |
| 152   | 76,766464 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=107, hop limit=0 (request in 151) |
| 153   | 77,091959 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=108, hop limit=0 (reply in 154) |
| 154   | 77,777477 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=108, hop limit=0 (request in 153) |
| 155   | 78,093021 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=109, hop limit=0 (reply in 156) |
| 156   | 78,767489 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=109, hop limit=0 (request in 155) |
| 157   | 79,09404  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=110, hop limit=0 (reply in 158) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 20 m |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 158   | 79,772501  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=110, hop limit=0 (request in 157) |
| 159   | 80,095062  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=111, hop limit=0 (reply in 160) |
| 160   | 80,767513  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=111, hop limit=0 (request in 159) |
| 161   | 81,096076  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=112, hop limit=0 (reply in 162) |
| 162   | 81,752525  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=112, hop limit=0 (request in 161) |
| 163   | 82,097104  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=113, hop limit=0 (reply in 164) |
| 164   | 82,773538  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=113, hop limit=0 (request in 163) |
| 165   | 83,098115  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=114, hop limit=0 (reply in 166) |
| 166   | 83,77855   | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=114, hop limit=0 (request in 165) |
| 167   | 84,099109  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=115, hop limit=0 (reply in 168) |
| 168   | 84,785561  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=115, hop limit=0 (request in 167) |
| 169   | 85,10012   | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=116, hop limit=0 (reply in 170) |
| 170   | 85,764575  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=116, hop limit=0 (request in 169) |
| 171   | 86,101113  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=117, hop limit=0 (reply in 172) |
| 172   | 86,773587  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=117, hop limit=0 (request in 171) |
| 173   | 87,10215   | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=118, hop limit=0 (reply in 174) |
| 174   | 87,752599  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=118, hop limit=0 (request in 173) |
| 175   | 88,103192  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=119, hop limit=0 (reply in 176) |
| 176   | 88,77361   | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=119, hop limit=0 (request in 175) |
| 177   | 89,104173  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=120, hop limit=0 (reply in 178) |
| 178   | 89,755622  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=120, hop limit=0 (request in 177) |
| 179   | 90,105201  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=121, hop limit=0 (reply in 180) |
| 180   | 90,780636  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=121, hop limit=0 (request in 179) |
| 181   | 91,106194  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=122, hop limit=0 (reply in 182) |
| 182   | 91,756646  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=122, hop limit=0 (request in 181) |
| 183   | 92,107234  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=123, hop limit=0 (reply in 184) |
| 184   | 92,743658  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=123, hop limit=0 (request in 183) |
| 185   | 93,108259  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=124, hop limit=0 (reply in 186) |
| 186   | 93,76167   | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=124, hop limit=0 (request in 185) |
| 187   | 94,109253  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=125, hop limit=0 (reply in 188) |
| 188   | 94,759682  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=125, hop limit=0 (request in 187) |
| 189   | 95,110272  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=126, hop limit=0 (reply in 190) |
| 190   | 95,774695  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=126, hop limit=0 (request in 189) |
| 191   | 96,111264  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=127, hop limit=0 (reply in 192) |
| 192   | 96,779707  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=127, hop limit=0 (request in 191) |
| 193   | 97,112276  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=128, hop limit=0 (reply in 194) |
| 194   | 97,764719  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=128, hop limit=0 (request in 193) |
| 195   | 98,113303  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=129, hop limit=0 (reply in 196) |
| 196   | 98,753731  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=129, hop limit=0 (request in 195) |
| 197   | 99,11433   | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=130, hop limit=0 (reply in 198) |
| 198   | 99,800743  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=130, hop limit=0 (request in 197) |
| 199   | 100,115285 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=131, hop limit=0 (reply in 200) |
| 200   | 100,778754 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=131, hop limit=0 (request in 199) |
| 201   | 101,116319 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=132, hop limit=0 (reply in 202) |
| 202   | 101,768764 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=132, hop limit=0 (request in 201) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 20 m |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 203   | 102,117344 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=133, hop limit=0 (reply in 204) |
| 204   | 102,793778 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=133, hop limit=0 (request in 203) |
| 205   | 103,118334 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=134, hop limit=0 (reply in 206) |
| 206   | 103,75279  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=134, hop limit=0 (request in 205) |
| 207   | 104,119387 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=135, hop limit=0 (reply in 208) |
| 208   | 104,781802 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=135, hop limit=0 (request in 207) |
| 209   | 105,120372 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=136, hop limit=0 (reply in 210) |
| 210   | 105,798816 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=136, hop limit=0 (request in 209) |
| 211   | 106,121335 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=137, hop limit=0 (reply in 212) |
| 212   | 106,796829 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=137, hop limit=0 (request in 211) |
| 213   | 107,122387 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=138, hop limit=0 (reply in 214) |
| 214   | 107,779861 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=138, hop limit=0 (request in 213) |
| 215   | 108,123443 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=139, hop limit=0 (reply in 216) |
| 216   | 108,788853 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=139, hop limit=0 (request in 215) |
| 217   | 109,124424 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=140, hop limit=0 (reply in 218) |
| 218   | 109,79989  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=140, hop limit=0 (request in 217) |
| 219   | 110,125407 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=141, hop limit=0 (reply in 220) |
| 220   | 110,781876 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=141, hop limit=0 (request in 219) |
| 221   | 111,126453 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=142, hop limit=0 (reply in 222) |
| 222   | 111,786888 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=142, hop limit=0 (request in 221) |
| 223   | 112,127457 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=143, hop limit=0 (reply in 224) |
| 224   | 112,782899 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=143, hop limit=0 (request in 223) |
| 225   | 113,128477 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=144, hop limit=0 (reply in 226) |
| 226   | 113,789914 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=144, hop limit=0 (request in 225) |
| 227   | 114,129483 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=145, hop limit=0 (reply in 228) |
| 228   | 114,807935 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=145, hop limit=0 (request in 227) |
| 229   | 115,13049  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=146, hop limit=0 (reply in 230) |
| 230   | 115,795933 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=146, hop limit=0 (request in 229) |
| 231   | 116,131502 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=147, hop limit=0 (reply in 232) |
| 232   | 116,77495  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=147, hop limit=0 (request in 231) |
| 233   | 117,132541 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=148, hop limit=0 (reply in 234) |
| 234   | 117,810961 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=148, hop limit=0 (request in 233) |
| 235   | 118,133511 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=149, hop limit=0 (reply in 236) |
| 236   | 118,80797  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=149, hop limit=0 (request in 235) |
| 237   | 119,134526 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=150, hop limit=0 (reply in 238) |
| 238   | 119,810987 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=150, hop limit=0 (request in 237) |
| 239   | 120,135547 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=151, hop limit=0 (reply in 240) |
| 240   | 120,792999 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=151, hop limit=0 (request in 239) |
| 241   | 121,136571 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=152, hop limit=0 (reply in 242) |
| 242   | 121,804008 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=152, hop limit=0 (request in 241) |
| 243   | 122,137565 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=153, hop limit=0 (reply in 244) |
| 244   | 122,780023 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=153, hop limit=0 (request in 243) |
| 245   | 123,138612 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=154, hop limit=0 (reply in 246) |
| 246   | 123,817035 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=154, hop limit=0 (request in 245) |
| 247   | 124,139585 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=155, hop limit=0 (reply in 248) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 20 m |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 248   | 124,792047 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=155, hop limit=0 (request in 247) |
| 249   | 125,140626 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=156, hop limit=0 (reply in 250) |
| 250   | 125,785059 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=156, hop limit=0 (request in 249) |
| 251   | 126,141645 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=157, hop limit=0 (reply in 252) |
| 252   | 126,791071 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=157, hop limit=0 (request in 251) |
| 253   | 127,142467 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=158, hop limit=0 (reply in 254) |
| 254   | 127,801057 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=158, hop limit=0 (request in 253) |
| 255   | 128,143588 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=159, hop limit=0 (reply in 256) |
| 256   | 128,806096 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=159, hop limit=0 (request in 255) |
| 257   | 129,144675 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=160, hop limit=0 (reply in 258) |
| 258   | 129,824108 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=160, hop limit=0 (request in 257) |
| 259   | 130,145543 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=161, hop limit=0 (reply in 260) |
| 260   | 130,796118 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=161, hop limit=0 (request in 259) |
| 261   | 131,146699 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=162, hop limit=0 (reply in 262) |
| 262   | 131,809131 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=162, hop limit=0 (request in 261) |
| 263   | 132,147704 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=163, hop limit=0 (reply in 264) |
| 264   | 132,800142 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=163, hop limit=0 (request in 263) |
| 265   | 133,148725 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=164, hop limit=0 (reply in 266) |
| 266   | 133,829155 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=164, hop limit=0 (request in 265) |
| 267   | 134,149708 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=165, hop limit=0 (reply in 268) |
| 268   | 134,821167 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=165, hop limit=0 (request in 267) |
| 269   | 135,150727 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=166, hop limit=0 (reply in 270) |
| 270   | 135,822161 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=166, hop limit=0 (request in 269) |
| 271   | 136,151736 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=167, hop limit=0 (reply in 272) |
| 272   | 136,824191 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=167, hop limit=0 (request in 271) |
| 273   | 137,152749 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=168, hop limit=0 (reply in 274) |
| 274   | 137,807204 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=168, hop limit=0 (request in 273) |
| 275   | 138,153783 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=169, hop limit=0 (reply in 276) |
| 276   | 138,828215 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=169, hop limit=0 (request in 275) |
| 277   | 139,154773 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=170, hop limit=0 (reply in 278) |
| 278   | 139,811228 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=170, hop limit=0 (request in 277) |
| 279   | 140,155818 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=171, hop limit=0 (reply in 280) |
| 280   | 140,785239 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=171, hop limit=0 (request in 279) |
| 281   | 141,156846 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=172, hop limit=0 (reply in 282) |
| 282   | 141,812254 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=172, hop limit=0 (request in 281) |
| 283   | 142,157833 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=173, hop limit=0 (reply in 284) |
| 284   | 142,812264 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=173, hop limit=0 (request in 283) |
| 285   | 143,158833 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=174, hop limit=0 (reply in 286) |
| 286   | 143,815279 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=174, hop limit=0 (request in 285) |
| 287   | 144,159876 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=175, hop limit=0 (reply in 288) |
| 288   | 144,827288 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=175, hop limit=0 (request in 287) |
| 289   | 145,160854 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=176, hop limit=0 (reply in 290) |
| 290   | 145,832302 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=176, hop limit=0 (request in 289) |
| 291   | 146,161863 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=177, hop limit=0 (reply in 292) |
| 292   | 146,836616 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=177, hop limit=0 (request in 291) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 20 m |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 293   | 147,163153 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=178, hop limit=0 (reply in 294) |
| 294   | 147,842325 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=178, hop limit=0 (request in 293) |
| 295   | 148,163897 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=179, hop limit=0 (reply in 296) |
| 296   | 148,829336 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=179, hop limit=0 (request in 295) |
| 297   | 149,16487  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=180, hop limit=0 (reply in 298) |
| 298   | 149,816348 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=180, hop limit=0 (request in 297) |
| 299   | 150,165893 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=181, hop limit=0 (reply in 300) |
| 300   | 150,843361 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=181, hop limit=0 (request in 299) |
| 301   | 151,166913 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=182, hop limit=0 (reply in 302) |
| 302   | 151,848373 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=182, hop limit=0 (request in 301) |
| 303   | 152,167935 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=183, hop limit=0 (reply in 304) |
| 304   | 152,834387 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=183, hop limit=0 (request in 303) |
| 305   | 153,168954 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=184, hop limit=0 (reply in 306) |
| 306   | 153,827397 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=184, hop limit=0 (request in 305) |
| 307   | 154,169968 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=185, hop limit=0 (reply in 308) |
| 308   | 154,831409 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=185, hop limit=0 (request in 307) |
| 309   | 155,170982 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=186, hop limit=0 (reply in 310) |
| 310   | 155,842419 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=186, hop limit=0 (request in 309) |
| 311   | 156,171955 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=187, hop limit=0 (reply in 312) |
| 312   | 156,827433 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=187, hop limit=0 (request in 311) |
| 313   | 157,172976 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=188, hop limit=0 (reply in 314) |
| 314   | 157,837446 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=188, hop limit=0 (request in 313) |
| 315   | 158,174014 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=189, hop limit=0 (reply in 316) |
| 316   | 158,83146  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=189, hop limit=0 (request in 315) |
| 317   | 159,174993 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=190, hop limit=0 (reply in 318) |
| 318   | 159,83347  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=190, hop limit=0 (request in 317) |
| 319   | 160,175957 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=191, hop limit=0 (reply in 320) |
| 320   | 160,832484 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=191, hop limit=0 (request in 319) |
| 321   | 161,177061 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=192, hop limit=0 (reply in 322) |
| 322   | 161,841495 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=192, hop limit=0 (request in 321) |
| 323   | 162,178057 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=193, hop limit=0 (reply in 324) |
| 324   | 162,82572  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=193, hop limit=0 (request in 323) |
| 325   | 163,179305 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=194, hop limit=0 (reply in 326) |
| 326   | 163,852518 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=194, hop limit=0 (request in 325) |
| 327   | 164,179957 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=195, hop limit=0 (reply in 328) |
| 328   | 164,841531 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=195, hop limit=0 (request in 327) |
| 329   | 165,181104 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=196, hop limit=0 (reply in 330) |
| 330   | 165,833543 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=196, hop limit=0 (request in 329) |
| 331   | 166,182124 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=197, hop limit=0 (reply in 332) |
| 332   | 166,831554 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=197, hop limit=0 (request in 331) |
| 333   | 167,183138 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=198, hop limit=0 (reply in 334) |
| 334   | 167,855569 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=198, hop limit=0 (request in 333) |
| 335   | 168,183969 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=199, hop limit=0 (reply in 336) |
| 336   | 168,86358  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=199, hop limit=0 (request in 335) |
| 337   | 169,185144 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=200, hop limit=0 (reply in 338) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 20 m |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 338   | 169,846591 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=200, hop limit=0 (request in 337) |
| 339   | 170,186173 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=201, hop limit=0 (reply in 340) |
| 340   | 170,845603 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=201, hop limit=0 (request in 339) |
| 341   | 171,187182 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=202, hop limit=0 (reply in 342) |
| 342   | 171,834591 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=202, hop limit=0 (request in 341) |
| 343   | 172,188131 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=203, hop limit=0 (reply in 344) |
| 344   | 172,858635 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=203, hop limit=0 (request in 343) |
| 345   | 173,189211 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=204, hop limit=0 (reply in 346) |
| 346   | 173,864615 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=204, hop limit=0 (request in 345) |
| 347   | 174,190126 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=205, hop limit=0 (reply in 348) |
| 348   | 174,848652 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=205, hop limit=0 (request in 347) |
| 349   | 175,19123  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=206, hop limit=0 (reply in 350) |
| 350   | 175,837639 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=206, hop limit=0 (request in 349) |
| 351   | 176,192184 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=207, hop limit=0 (reply in 352) |
| 352   | 176,862676 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=207, hop limit=0 (request in 351) |
| 353   | 177,193245 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=208, hop limit=0 (reply in 354) |
| 354   | 177,861687 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=208, hop limit=0 (request in 353) |
| 355   | 178,194258 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=209, hop limit=0 (reply in 356) |
| 356   | 178,872699 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=209, hop limit=0 (request in 355) |
| 357   | 179,195219 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=210, hop limit=0 (reply in 358) |
| 358   | 179,861712 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=210, hop limit=0 (request in 357) |
| 359   | 180,196286 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=211, hop limit=0 (reply in 360) |
| 360   | 180,857724 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=211, hop limit=0 (request in 359) |
| 361   | 181,197001 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=212, hop limit=0 (reply in 362) |
| 362   | 181,856737 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=212, hop limit=0 (request in 361) |
| 363   | 182,198311 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=213, hop limit=0 (reply in 364) |
| 364   | 182,871748 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=213, hop limit=0 (request in 363) |
| 365   | 183,199335 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=214, hop limit=0 (reply in 366) |
| 366   | 183,875762 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=214, hop limit=0 (request in 365) |
| 367   | 184,200341 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=215, hop limit=0 (reply in 368) |
| 368   | 184,891774 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=215, hop limit=0 (request in 367) |
| 369   | 185,201341 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=216, hop limit=0 (reply in 370) |
| 370   | 185,872785 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=216, hop limit=0 (request in 369) |
| 371   | 186,202342 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=217, hop limit=0 (reply in 372) |
| 372   | 186,877795 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=217, hop limit=0 (request in 371) |
| 373   | 187,203346 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=218, hop limit=0 (reply in 374) |
| 374   | 187,859809 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=218, hop limit=0 (request in 373) |
| 375   | 188,204414 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=219, hop limit=0 (reply in 376) |
| 376   | 188,881822 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=219, hop limit=0 (request in 375) |
| 377   | 189,205378 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=220, hop limit=0 (reply in 378) |
| 378   | 189,876833 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=220, hop limit=0 (request in 377) |
| 379   | 190,206391 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=221, hop limit=0 (reply in 380) |
| 380   | 190,883887 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=221, hop limit=0 (request in 379) |
| 381   | 191,20745  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=222, hop limit=0 (reply in 382) |
| 382   | 191,888857 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=222, hop limit=0 (request in 381) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 20 m |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 383   | 192,208407 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=223, hop limit=0 (reply in 384) |
| 384   | 192,87487  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=223, hop limit=0 (request in 383) |
| 385   | 193,209437 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=224, hop limit=0 (reply in 386) |
| 386   | 193,872881 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=224, hop limit=0 (request in 385) |
| 387   | 194,21045  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=225, hop limit=0 (reply in 388) |
| 388   | 194,857893 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=225, hop limit=0 (request in 387) |
| 389   | 195,211481 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=226, hop limit=0 (reply in 390) |
| 390   | 195,86393  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=226, hop limit=0 (request in 389) |
| 391   | 196,212506 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=227, hop limit=0 (reply in 392) |
| 392   | 196,88592  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=227, hop limit=0 (request in 391) |
| 393   | 197,213474 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=228, hop limit=0 (reply in 394) |
| 394   | 197,860929 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=228, hop limit=0 (request in 393) |
| 395   | 198,214214 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=229, hop limit=0 (reply in 396) |
| 396   | 198,873942 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=229, hop limit=0 (request in 395) |
| 397   | 199,215517 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=230, hop limit=0 (reply in 398) |
| 398   | 199,893954 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=230, hop limit=0 (request in 397) |
| 399   | 200,216509 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=231, hop limit=0 (reply in 400) |
| 400   | 200,868965 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=231, hop limit=0 (request in 399) |
| 401   | 201,217519 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=232, hop limit=0 (reply in 402) |
| 402   | 201,90698  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=232, hop limit=0 (request in 401) |
| 403   | 202,218543 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=233, hop limit=0 (reply in 404) |
| 404   | 202,876955 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=233, hop limit=0 (request in 403) |
| 405   | 203,219482 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=234, hop limit=0 (reply in 406) |
| 406   | 203,869978 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=234, hop limit=0 (request in 405) |
| 407   | 204,220514 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=235, hop limit=0 (reply in 408) |
| 408   | 204,872991 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=235, hop limit=0 (request in 407) |
| 409   | 205,221525 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=236, hop limit=0 (reply in 410) |
| 410   | 205,876992 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=236, hop limit=0 (request in 409) |
| 411   | 206,222524 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=237, hop limit=0 (reply in 412) |
| 412   | 206,885039 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=237, hop limit=0 (request in 411) |
| 413   | 207,223615 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=238, hop limit=0 (reply in 414) |
| 414   | 207,895027 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=238, hop limit=0 (request in 413) |
| 415   | 208,224543 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=239, hop limit=0 (reply in 416) |
| 416   | 208,895039 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=239, hop limit=0 (request in 415) |
| 417   | 209,225554 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=240, hop limit=0 (reply in 418) |
| 418   | 209,883051 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=240, hop limit=0 (request in 417) |
| 419   | 210,226581 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=241, hop limit=0 (reply in 420) |
| 420   | 210,892056 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=241, hop limit=0 (request in 419) |
| 421   | 211,227585 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=242, hop limit=0 (reply in 422) |
| 422   | 211,889101 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=242, hop limit=0 (request in 421) |
| 423   | 212,228678 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=243, hop limit=0 (reply in 424) |
| 424   | 212,901115 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=243, hop limit=0 (request in 423) |
| 425   | 213,22965  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=244, hop limit=0 (reply in 426) |
| 426   | 213,892123 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=244, hop limit=0 (request in 425) |
| 427   | 214,230717 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=245, hop limit=0 (reply in 428) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 20 m |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 428   | 214,903136 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=245, hop limit=0 (request in 427) |
| 429   | 215,231723 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=246, hop limit=0 (reply in 430) |
| 430   | 215,891147 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=246, hop limit=0 (request in 429) |
| 431   | 216,232731 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=247, hop limit=0 (reply in 432) |
| 432   | 216,91816  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=247, hop limit=0 (request in 431) |
| 433   | 217,23371  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=248, hop limit=0 (reply in 434) |
| 434   | 217,888173 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=248, hop limit=0 (request in 433) |
| 435   | 218,234786 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=249, hop limit=0 (reply in 436) |
| 436   | 218,891185 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=249, hop limit=0 (request in 435) |
| 437   | 219,235507 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=250, hop limit=0 (reply in 438) |
| 438   | 219,897197 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=250, hop limit=0 (request in 437) |
| 439   | 220,236767 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=251, hop limit=0 (reply in 440) |
| 440   | 220,90321  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=251, hop limit=0 (request in 439) |
| 441   | 221,237774 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=252, hop limit=0 (reply in 442) |
| 442   | 221,926221 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=252, hop limit=0 (request in 441) |
| 443   | 222,238771 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=253, hop limit=0 (reply in 444) |
| 444   | 222,898234 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=253, hop limit=0 (request in 443) |
| 445   | 223,239846 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=254, hop limit=0 (reply in 446) |
| 446   | 223,910246 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=254, hop limit=0 (request in 445) |
| 447   | 224,240811 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=255, hop limit=0 (reply in 448) |
| 448   | 224,901258 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=255, hop limit=0 (request in 447) |
| 449   | 225,241835 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=256, hop limit=0 (reply in 450) |
| 450   | 225,906269 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=256, hop limit=0 (request in 449) |
| 451   | 226,242807 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=257, hop limit=0 (reply in 452) |
| 452   | 226,901281 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=257, hop limit=0 (request in 451) |
| 453   | 227,243907 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=258, hop limit=0 (reply in 454) |
| 454   | 227,890295 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=258, hop limit=0 (request in 453) |
| 455   | 228,244918 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=259, hop limit=0 (reply in 456) |
| 456   | 228,905307 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=259, hop limit=0 (request in 455) |
| 457   | 229,245883 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=260, hop limit=0 (reply in 458) |
| 458   | 229,912318 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=260, hop limit=0 (request in 457) |
| 459   | 230,246885 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=261, hop limit=0 (reply in 460) |
| 460   | 230,89733  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=261, hop limit=0 (request in 459) |
| 461   | 231,247917 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=262, hop limit=0 (reply in 462) |
| 462   | 231,891341 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=262, hop limit=0 (request in 461) |
| 463   | 232,248934 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=263, hop limit=0 (reply in 464) |
| 464   | 232,93635  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=263, hop limit=0 (request in 463) |
| 465   | 233,248901 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=264, hop limit=0 (reply in 466) |
| 466   | 233,935366 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=264, hop limit=0 (request in 465) |
| 467   | 234,249918 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=265, hop limit=0 (reply in 468) |
| 468   | 234,887378 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=265, hop limit=0 (request in 467) |
| 469   | 235,250978 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=266, hop limit=0 (reply in 470) |
| 470   | 235,91239  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=266, hop limit=0 (request in 469) |
| 471   | 236,251957 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=267, hop limit=0 (reply in 472) |
| 472   | 236,913403 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=267, hop limit=0 (request in 471) |



| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 20 m |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 473   | 237,252974 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=268, hop limit=0 (reply in 474) |
| 474   | 237,90139  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=268, hop limit=0 (request in 473) |
| 475   | 238,253927 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=269, hop limit=0 (reply in 476) |
| 476   | 238,908402 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=269, hop limit=0 (request in 475) |
| 477   | 239,254933 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=270, hop limit=0 (reply in 478) |
| 478   | 239,902415 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=270, hop limit=0 (request in 477) |
| 479   | 240,255957 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=271, hop limit=0 (reply in 480) |
| 480   | 240,899452 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=271, hop limit=0 (request in 479) |
| 481   | 241,257043 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=272, hop limit=0 (reply in 482) |
| 482   | 241,924464 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=272, hop limit=0 (request in 481) |
| 483   | 242,258035 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=273, hop limit=0 (reply in 484) |
| 484   | 242,91745  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=273, hop limit=0 (request in 483) |
| 485   | 243,258976 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=274, hop limit=0 (reply in 486) |
| 486   | 243,911463 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=274, hop limit=0 (request in 485) |
| 487   | 244,260014 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=275, hop limit=0 (reply in 488) |
| 488   | 244,895475 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=275, hop limit=0 (request in 487) |
| 489   | 245,261029 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=276, hop limit=0 (reply in 490) |
| 490   | 245,927488 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=276, hop limit=0 (request in 489) |
| 491   | 246,262009 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=277, hop limit=0 (reply in 492) |
| 492   | 246,931523 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=277, hop limit=0 (request in 491) |
| 493   | 247,263089 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=278, hop limit=0 (reply in 494) |
| 494   | 247,946537 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=278, hop limit=0 (request in 493) |
| 495   | 248,263088 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=279, hop limit=0 (reply in 496) |
| 496   | 248,944556 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=279, hop limit=0 (request in 495) |
| 497   | 249,263123 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=280, hop limit=0 (reply in 498) |
| 498   | 249,928559 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=280, hop limit=0 (request in 497) |
| 499   | 250,264131 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=281, hop limit=0 (reply in 500) |
| 500   | 250,949572 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=281, hop limit=0 (request in 499) |
| 501   | 251,264083 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=282, hop limit=0 (reply in 502) |
| 502   | 251,927583 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=282, hop limit=0 (request in 501) |
| 503   | 252,26516  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=283, hop limit=0 (reply in 504) |
| 504   | 252,928598 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=283, hop limit=0 (request in 503) |
| 505   | 253,266169 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=284, hop limit=0 (reply in 506) |
| 506   | 253,929609 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=284, hop limit=0 (request in 505) |
| 507   | 254,267208 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=285, hop limit=0 (reply in 508) |
| 508   | 254,92062  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=285, hop limit=0 (request in 507) |
| 509   | 255,268168 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=286, hop limit=0 (reply in 510) |
| 510   | 255,930636 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=286, hop limit=0 (request in 509) |
| 511   | 256,269174 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=287, hop limit=0 (reply in 512) |
| 512   | 256,917646 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=287, hop limit=0 (request in 511) |
| 513   | 257,27024  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=288, hop limit=0 (reply in 514) |
| 514   | 257,941657 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=288, hop limit=0 (request in 513) |
| 515   | 258,270217 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=289, hop limit=0 (reply in 516) |
| 516   | 258,926667 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=289, hop limit=0 (request in 515) |
| 517   | 259,271246 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=290, hop limit=0 (reply in 518) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 20 m |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 518   | 259,922683 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=290, hop limit=0 (request in 517) |
| 519   | 260,272244 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=291, hop limit=0 (reply in 520) |
| 520   | 260,935693 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=291, hop limit=0 (request in 519) |
| 521   | 261,273265 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=292, hop limit=0 (reply in 522) |
| 522   | 261,919705 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=292, hop limit=0 (request in 521) |
| 523   | 262,274302 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=293, hop limit=0 (reply in 524) |
| 524   | 262,936717 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=293, hop limit=0 (request in 523) |
| 525   | 263,27426  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=294, hop limit=0 (reply in 526) |
| 526   | 263,956729 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=294, hop limit=0 (request in 525) |
| 527   | 264,274246 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=295, hop limit=0 (reply in 528) |
| 528   | 264,924741 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=295, hop limit=0 (request in 527) |
| 529   | 265,275325 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=296, hop limit=0 (reply in 530) |
| 530   | 265,919755 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=296, hop limit=0 (request in 529) |
| 531   | 266,276341 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=297, hop limit=0 (reply in 532) |
| 532   | 266,952764 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=297, hop limit=0 (request in 531) |
| 533   | 267,276285 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=298, hop limit=0 (reply in 534) |
| 534   | 267,935754 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=298, hop limit=0 (request in 533) |
| 535   | 268,277283 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=299, hop limit=0 (reply in 536) |
| 536   | 268,921769 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=299, hop limit=0 (request in 535) |
| 537   | 269,278295 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=300, hop limit=0 (reply in 538) |
| 538   | 269,945781 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=300, hop limit=0 (request in 537) |
| 539   | 270,278317 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=301, hop limit=0 (reply in 540) |
| 540   | 270,959793 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=301, hop limit=0 (request in 539) |
| 541   | 271,278316 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=302, hop limit=0 (reply in 542) |
| 542   | 271,937828 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=302, hop limit=0 (request in 541) |
| 543   | 272,278404 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=303, hop limit=0 (reply in 544) |
| 544   | 272,963815 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=303, hop limit=0 (request in 543) |
| 545   | 273,278325 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=304, hop limit=0 (reply in 546) |
| 546   | 273,95684  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=304, hop limit=0 (request in 545) |
| 547   | 274,278409 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=305, hop limit=0 (reply in 548) |
| 548   | 274,934863 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=305, hop limit=0 (request in 547) |
| 549   | 275,279459 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=306, hop limit=0 (reply in 550) |
| 550   | 275,943867 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=306, hop limit=0 (request in 549) |
| 551   | 276,279387 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=307, hop limit=0 (reply in 552) |
| 552   | 276,927914 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=307, hop limit=0 (request in 551) |
| 553   | 277,280502 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=308, hop limit=0 (reply in 554) |
| 554   | 277,966898 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=308, hop limit=0 (request in 553) |
| 555   | 278,280453 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=309, hop limit=0 (reply in 556) |
| 556   | 278,9439   | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=309, hop limit=0 (request in 555) |
| 557   | 279,280446 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=310, hop limit=0 (reply in 558) |
| 558   | 279,931933 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=310, hop limit=0 (request in 557) |
| 559   | 280,281471 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=311, hop limit=0 (reply in 560) |
| 560   | 280,949919 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=311, hop limit=0 (request in 559) |
| 561   | 281,281425 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=312, hop limit=0 (reply in 562) |
| 562   | 281,930948 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=312, hop limit=0 (request in 561) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 20 m |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 563   | 282,282535 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=313, hop limit=0 (reply in 564) |
| 564   | 282,955925 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=313, hop limit=0 (request in 563) |
| 565   | 283,282427 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=314, hop limit=0 (reply in 566) |
| 566   | 283,956972 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=314, hop limit=0 (request in 565) |
| 567   | 284,28253  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=315, hop limit=0 (reply in 568) |
| 568   | 284,937984 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=315, hop limit=0 (request in 567) |
| 569   | 285,282559 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=316, hop limit=0 (reply in 570) |
| 570   | 285,974997 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=316, hop limit=0 (request in 569) |
| 571   | 286,282539 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=317, hop limit=0 (reply in 572) |
| 572   | 286,961008 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=317, hop limit=0 (request in 571) |
| 573   | 287,282562 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=318, hop limit=0 (reply in 574) |
| 574   | 287,961021 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=318, hop limit=0 (request in 573) |
| 575   | 288,282571 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=319, hop limit=0 (reply in 576) |
| 576   | 288,927032 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=319, hop limit=0 (request in 575) |
| 577   | 289,283621 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=320, hop limit=0 (reply in 578) |
| 578   | 289,951045 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=320, hop limit=0 (request in 577) |
| 579   | 290,283611 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=321, hop limit=0 (reply in 580) |
| 580   | 290,952055 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=321, hop limit=0 (request in 579) |
| 581   | 291,28362  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=322, hop limit=0 (reply in 582) |
| 582   | 291,961069 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=322, hop limit=0 (request in 581) |
| 583   | 292,283622 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=323, hop limit=0 (reply in 584) |
| 584   | 292,957082 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=323, hop limit=0 (request in 583) |
| 585   | 293,283641 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=324, hop limit=0                |
| 586   | 294,290073 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=325, hop limit=0                |
| 587   | 295,298073 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=326, hop limit=0 (reply in 588) |
| 588   | 295,946116 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=326, hop limit=0 (request in 587) |
| 589   | 296,297701 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=327, hop limit=0 (reply in 590) |
| 590   | 296,977131 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=327, hop limit=0 (request in 589) |
| 591   | 297,297683 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=328, hop limit=0 (reply in 592) |
| 592   | 297,979142 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=328, hop limit=0 (request in 591) |
| 593   | 298,297692 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=329, hop limit=0 (reply in 594) |
| 594   | 298,961153 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=329, hop limit=0 (request in 593) |
| 595   | 299,297687 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=330, hop limit=0 (reply in 596) |
| 596   | 299,951165 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=330, hop limit=0 (request in 595) |
| 597   | 300,29771  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=331, hop limit=0 (reply in 598) |
| 598   | 300,97118  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=331, hop limit=0 (request in 597) |

**Tabla 25. Test para el nodo 7 con 6Lowpan a 30 m sin LPL y con enrutamiento estático**

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 30 m |      |         |             |          |        |   |
|---|------|---------|-------------|----------|--------|---|
| No.   | Time | Source  | Destination | Protocol | Length | Info  |
| 1   | 0    | fec0::7 | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=811, hop limit=0 |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 30 m |           |           |             |          |        |   |
|---|-----------|-----------|-------------|----------|--------|---|
| No.   | Time      | Source    | Destination | Protocol | Length | Info  |
| 2   | 0,212388  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=812, hop limit=0 (reply in 3)  |
| 3   | 0,877026  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=812, hop limit=0 (request in 2)  |
| 4   | 1,212597  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=813, hop limit=0 (reply in 5)  |
| 5   | 2,131037  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=813, hop limit=0 (request in 4)  |
| 6   | 2,212278  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=814, hop limit=0 (reply in 7)  |
| 7   | 2,99805   | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=814, hop limit=0 (request in 6)  |
| 8   | 3,212494  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=815, hop limit=0 (reply in 9)  |
| 9   | 3,994062  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=815, hop limit=0 (request in 8)  |
| 10  | 4,212509  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=816, hop limit=0 (reply in 12) |
| 11  | 5,219116  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=817, hop limit=0 (reply in 13) |
| 12  | 5,504078  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=816, hop limit=0 (request in 10) |
| 13  | 6,048087  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=817, hop limit=0 (request in 11) |
| 14  | 6,21848   | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=818, hop limit=0 (reply in 15) |
| 15  | 6,874099  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=818, hop limit=0 (request in 14) |
| 16  | 7,218666  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=819, hop limit=0 (reply in 17) |
| 17  | 7,976113  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=819, hop limit=0 (request in 16) |
| 18  | 8,218576  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=820, hop limit=0 (reply in 19) |
| 19  | 9,150124  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=820, hop limit=0 (request in 18) |
| 20  | 9,218357  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=821, hop limit=0 (reply in 21) |
| 21  | 9,887134  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=821, hop limit=0 (request in 20) |
| 22  | 10,218774 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=822, hop limit=0 (reply in 23) |
| 23  | 10,878144 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=822, hop limit=0 (request in 22) |
| 24  | 11,218712 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=823, hop limit=0 (reply in 25) |
| 25  | 12,146161 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=823, hop limit=0 (request in 24) |
| 26  | 12,218463 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=824, hop limit=0 (reply in 27) |
| 27  | 13,129173 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=824, hop limit=0 (request in 26) |
| 28  | 13,218447 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=825, hop limit=0 (reply in 29) |
| 29  | 14,120185 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=825, hop limit=0 (request in 28) |
| 30  | 14,218486 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=826, hop limit=0 (reply in 31) |
| 31  | 14,992197 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=826, hop limit=0 (request in 30) |
| 32  | 15,218609 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=827, hop limit=0 (reply in 34) |
| 33  | 16,227105 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=828, hop limit=0               |
| 34  | 16,407209 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=827, hop limit=0 (request in 32) |
| 35  | 17,228273 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=829, hop limit=0 (reply in 36) |
| 36  | 18,027233 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=829, hop limit=0 (request in 35) |
| 37  | 18,227664 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=830, hop limit=0 (reply in 38) |
| 38  | 19,023244 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=830, hop limit=0 (request in 37) |
| 39  | 19,227679 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=831, hop limit=0 (reply in 40) |
| 40  | 19,89023  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=831, hop limit=0 (request in 39) |
| 41  | 20,227753 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=832, hop limit=0 (reply in 42) |
| 42  | 20,869266 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=832, hop limit=0 (request in 41) |
| 43  | 21,227858 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=833, hop limit=0 (reply in 44) |
| 44  | 22,013281 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=833, hop limit=0 (request in 43) |
| 45  | 22,227737 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=834, hop limit=0 (reply in 46) |
| 46  | 22,899291 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=834, hop limit=0 (request in 45) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 30 m |           |           |             |          |        |   |
|---|-----------|-----------|-------------|----------|--------|---|
| No.   | Time      | Source    | Destination | Protocol | Length | Info  |
| 47  | 23,227867 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=835, hop limit=0 (reply in 48) |
| 48  | 23,898267 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=835, hop limit=0 (request in 47) |
| 49  | 24,227781 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=836, hop limit=0               |
| 50  | 25,235107 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=837, hop limit=0               |
| 51  | 26,243073 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=838, hop limit=0 (reply in 52) |
| 52  | 27,139343 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=838, hop limit=0 (request in 51) |
| 53  | 27,242675 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=839, hop limit=0 (reply in 54) |
| 54  | 28,138356 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=839, hop limit=0 (request in 53) |
| 55  | 28,242688 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=840, hop limit=0 (reply in 56) |
| 56  | 29,040366 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=840, hop limit=0 (request in 55) |
| 57  | 29,242791 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=841, hop limit=0 (reply in 58) |
| 58  | 29,913375 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=841, hop limit=0 (request in 57) |
| 59  | 30,242933 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=842, hop limit=0 (reply in 60) |
| 60  | 31,042391 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=842, hop limit=0 (request in 59) |
| 61  | 31,24282  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=843, hop limit=0 (reply in 62) |
| 62  | 32,014354 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=843, hop limit=0 (request in 61) |
| 63  | 32,242767 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=844, hop limit=0 (reply in 64) |
| 64  | 33,044415 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=844, hop limit=0 (request in 63) |
| 65  | 33,242843 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=845, hop limit=0 (reply in 66) |
| 66  | 33,899425 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=845, hop limit=0 (request in 65) |
| 67  | 34,242998 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=846, hop limit=0 (reply in 68) |
| 68  | 35,022438 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=846, hop limit=0 (request in 67) |
| 69  | 35,242889 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=847, hop limit=0 (reply in 70) |
| 70  | 36,03345  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=847, hop limit=0 (request in 69) |
| 71  | 36,24289  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=848, hop limit=0 (reply in 72) |
| 72  | 37,042463 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=848, hop limit=0 (request in 71) |
| 73  | 37,242895 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=849, hop limit=0 (reply in 74) |
| 74  | 37,907473 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=849, hop limit=0 (request in 73) |
| 75  | 38,243042 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=850, hop limit=0 (reply in 76) |
| 76  | 39,027486 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=850, hop limit=0 (request in 75) |
| 77  | 39,242936 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=851, hop limit=0 (reply in 78) |
| 78  | 40,023499 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=851, hop limit=0 (request in 77) |
| 79  | 40,242954 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=852, hop limit=0 (reply in 80) |
| 80  | 41,045511 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=852, hop limit=0 (request in 79) |
| 81  | 41,242939 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=853, hop limit=0 (reply in 82) |
| 82  | 41,917522 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=853, hop limit=0 (request in 81) |
| 83  | 42,24308  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=854, hop limit=0 (reply in 84) |
| 84  | 43,027536 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=854, hop limit=0 (request in 83) |
| 85  | 43,242989 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=855, hop limit=0 (reply in 86) |
| 86  | 43,908546 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=855, hop limit=0 (request in 85) |
| 87  | 44,243114 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=856, hop limit=0 (reply in 88) |
| 88  | 45,05956  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=856, hop limit=0 (request in 87) |
| 89  | 45,24294  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=857, hop limit=0 (reply in 90) |
| 90  | 45,930569 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=857, hop limit=0 (request in 89) |
| 91  | 46,24311  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=858, hop limit=0 (reply in 93) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 30 m |           |           |             |          |        |  |
|---|-----------|-----------|-------------|----------|--------|--|
| No.   | Time      | Source    | Destination | Protocol | Length | Info   |
| 92  | 47,251074 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=859, hop limit=0                |
| 93  | 47,294582 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=858, hop limit=0 (request in 91)  |
| 94  | 48,25275  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=860, hop limit=0 (reply in 95)  |
| 95  | 48,910608 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=860, hop limit=0 (request in 94)  |
| 96  | 49,252182 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=861, hop limit=0 (reply in 97)  |
| 97  | 50,179621 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=861, hop limit=0 (request in 96)  |
| 98  | 50,251893 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=862, hop limit=0 (reply in 99)  |
| 99  | 51,04363  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=862, hop limit=0 (request in 98)  |
| 100   | 51,252072 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=863, hop limit=0 (reply in 101) |
| 101   | 52,037645 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=863, hop limit=0 (request in 100) |
| 102   | 52,25209  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=864, hop limit=0 (reply in 103) |
| 103   | 53,026654 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=864, hop limit=0 (request in 102) |
| 104   | 53,252083 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=865, hop limit=0 (reply in 105) |
| 105   | 54,154669 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=865, hop limit=0 (request in 104) |
| 106   | 54,251997 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=866, hop limit=0 (reply in 107) |
| 107   | 54,948679 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=866, hop limit=0 (request in 106) |
| 108   | 55,252218 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=867, hop limit=0 (reply in 109) |
| 109   | 56,055693 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=867, hop limit=0 (request in 108) |
| 110   | 56,252117 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=868, hop limit=0 (reply in 111) |
| 111   | 57,028704 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=868, hop limit=0 (request in 110) |
| 112   | 57,252158 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=869, hop limit=0 (reply in 113) |
| 113   | 58,170719 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=869, hop limit=0 (request in 112) |
| 114   | 58,252037 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=870, hop limit=0 (reply in 115) |
| 115   | 59,019727 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=870, hop limit=0 (request in 114) |
| 116   | 59,252191 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=871, hop limit=0 (reply in 117) |
| 117   | 60,023742 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=871, hop limit=0 (request in 116) |
| 118   | 60,252201 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=872, hop limit=0 (reply in 119) |
| 119   | 61,167754 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=872, hop limit=0 (request in 118) |
| 120   | 61,252067 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=873, hop limit=0 (reply in 121) |
| 121   | 62,157767 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=873, hop limit=0 (request in 120) |
| 122   | 62,252091 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=874, hop limit=0 (reply in 123) |
| 123   | 62,899775 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=874, hop limit=0 (request in 122) |
| 124   | 63,252357 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=875, hop limit=0 (reply in 125) |
| 125   | 64,165791 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=875, hop limit=0 (request in 124) |
| 126   | 64,252077 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=876, hop limit=0 (reply in 127) |
| 127   | 65,167804 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=876, hop limit=0 (request in 126) |
| 128   | 65,252088 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=877, hop limit=0 (reply in 129) |
| 129   | 66,154815 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=877, hop limit=0 (request in 128) |
| 130   | 66,252144 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=878, hop limit=0 (reply in 131) |
| 131   | 67,024826 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=878, hop limit=0 (request in 130) |
| 132   | 67,252315 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=879, hop limit=0 (reply in 133) |
| 133   | 68,058838 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=879, hop limit=0 (request in 132) |
| 134   | 68,252262 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=880, hop limit=0 (reply in 135) |
| 135   | 68,894817 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=880, hop limit=0 (request in 134) |
| 136   | 69,252356 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=881, hop limit=0 (reply in 137) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 30 m |           |           |             |          |        |  |
|---|-----------|-----------|-------------|----------|--------|--|
| No.   | Time      | Source    | Destination | Protocol | Length | Info   |
| 137   | 70,134862 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=881, hop limit=0 (request in 136) |
| 138   | 70,252206 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=882, hop limit=0 (reply in 139) |
| 139   | 71,042874 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=882, hop limit=0 (request in 138) |
| 140   | 71,252319 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=883, hop limit=0 (reply in 141) |
| 141   | 72,061887 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=883, hop limit=0 (request in 140) |
| 142   | 72,252312 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=884, hop limit=0 (reply in 143) |
| 143   | 73,042897 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=884, hop limit=0 (request in 142) |
| 144   | 73,252294 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=885, hop limit=0 (reply in 145) |
| 145   | 74,05491  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=885, hop limit=0 (request in 144) |
| 146   | 74,252346 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=886, hop limit=0 (reply in 147) |
| 147   | 74,926921 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=886, hop limit=0 (request in 146) |
| 148   | 75,25249  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=887, hop limit=0 (reply in 149) |
| 149   | 76,144942 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=887, hop limit=0 (request in 148) |
| 150   | 76,252234 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=888, hop limit=0 (reply in 152) |
| 151   | 77,259112 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=889, hop limit=0                |
| 152   | 77,424906 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=888, hop limit=0 (request in 150) |
| 153   | 78,260947 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=890, hop limit=0 (reply in 154) |
| 154   | 79,044955 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=890, hop limit=0 (request in 153) |
| 155   | 79,260408 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=891, hop limit=0 (reply in 156) |
| 156   | 80,18096  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=891, hop limit=0 (request in 155) |
| 157   | 80,260266 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=892, hop limit=0 (reply in 158) |
| 158   | 80,928945 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=892, hop limit=0 (request in 157) |
| 159   | 81,260461 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=893, hop limit=0 (reply in 160) |
| 160   | 82,037    | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=893, hop limit=0 (request in 159) |
| 161   | 82,260451 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=894, hop limit=0 (reply in 162) |
| 162   | 82,92697  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=894, hop limit=0 (request in 161) |
| 163   | 83,26049  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=895, hop limit=0 (reply in 164) |
| 164   | 84,070032 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=895, hop limit=0 (request in 163) |
| 165   | 84,260456 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=896, hop limit=0 (reply in 166) |
| 166   | 84,903041 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=896, hop limit=0 (request in 165) |
| 167   | 85,260627 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=897, hop limit=0 (reply in 168) |
| 168   | 86,04102  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=897, hop limit=0 (request in 167) |
| 169   | 86,260428 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=898, hop limit=0 (reply in 170) |
| 170   | 87,044069 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=898, hop limit=0 (request in 169) |
| 171   | 87,260517 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=899, hop limit=0 (reply in 172) |
| 172   | 88,080287 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=899, hop limit=0 (request in 171) |
| 173   | 88,260714 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=900, hop limit=0 (reply in 174) |
| 174   | 88,914091 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=900, hop limit=0 (request in 173) |
| 175   | 89,260667 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=901, hop limit=0 (reply in 176) |
| 176   | 90,054104 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=901, hop limit=0 (request in 175) |
| 177   | 90,260539 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=902, hop limit=0 (reply in 178) |
| 178   | 91,052116 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=902, hop limit=0 (request in 177) |
| 179   | 91,260552 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=903, hop limit=0 (reply in 180) |
| 180   | 92,20313  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=903, hop limit=0 (request in 179) |
| 181   | 92,260415 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=904, hop limit=0 (reply in 182) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 30 m |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 182   | 93,052141  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=904, hop limit=0 (request in 181) |
| 183   | 93,260564  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=905, hop limit=0 (reply in 184) |
| 184   | 94,053154  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=905, hop limit=0 (request in 183) |
| 185   | 94,260592  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=906, hop limit=0 (reply in 186) |
| 186   | 95,036165  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=906, hop limit=0 (request in 185) |
| 187   | 95,26043   | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=907, hop limit=0 (reply in 188) |
| 188   | 95,914175  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=907, hop limit=0 (request in 187) |
| 189   | 96,260758  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=908, hop limit=0 (reply in 190) |
| 190   | 96,923186  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=908, hop limit=0 (request in 189) |
| 191   | 97,260758  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=909, hop limit=0 (reply in 192) |
| 192   | 98,053201  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=909, hop limit=0 (request in 191) |
| 193   | 98,260642  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=910, hop limit=0 (reply in 194) |
| 194   | 99,056214  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=910, hop limit=0 (request in 193) |
| 195   | 99,260654  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=911, hop limit=0 (reply in 196) |
| 196   | 99,932199  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=911, hop limit=0 (request in 195) |
| 197   | 100,260715 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=912, hop limit=0 (reply in 198) |
| 198   | 101,049238 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=912, hop limit=0 (request in 197) |
| 199   | 101,260686 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=913, hop limit=0 (reply in 200) |
| 200   | 101,930213 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=913, hop limit=0 (request in 199) |
| 201   | 102,260731 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=914, hop limit=0 (reply in 202) |
| 202   | 103,185262 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=914, hop limit=0 (request in 201) |
| 203   | 103,260571 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=915, hop limit=0 (reply in 204) |
| 204   | 104,179275 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=915, hop limit=0 (request in 203) |
| 205   | 104,260599 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=916, hop limit=0 (reply in 206) |
| 206   | 105,051289 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=916, hop limit=0 (request in 205) |
| 207   | 105,260742 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=917, hop limit=0 (reply in 208) |
| 208   | 106,060298 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=917, hop limit=0 (request in 207) |
| 209   | 106,260734 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=918, hop limit=0 (reply in 210) |
| 210   | 106,944307 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=918, hop limit=0 (request in 209) |
| 211   | 107,26082  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=919, hop limit=0 (reply in 212) |
| 212   | 108,166323 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=919, hop limit=0 (request in 211) |
| 213   | 108,260657 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=920, hop limit=0 (reply in 214) |
| 214   | 108,942304 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=920, hop limit=0 (request in 213) |
| 215   | 109,260812 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=921, hop limit=0 (reply in 216) |
| 216   | 110,066346 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=921, hop limit=0 (request in 215) |
| 217   | 110,260779 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=922, hop limit=0 (reply in 218) |
| 218   | 111,060357 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=922, hop limit=0 (request in 217) |
| 219   | 111,260789 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=923, hop limit=0 (reply in 220) |
| 220   | 112,047369 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=923, hop limit=0 (request in 219) |
| 221   | 112,260819 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=924, hop limit=0 (reply in 222) |
| 222   | 113,164384 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=924, hop limit=0 (request in 221) |
| 223   | 113,260717 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=925, hop limit=0 (reply in 224) |
| 224   | 114,044394 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=925, hop limit=0 (request in 223) |
| 225   | 114,260849 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=926, hop limit=0 (reply in 226) |
| 226   | 115,052408 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=926, hop limit=0 (request in 225) |



| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 30 m |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 227   | 115,260849 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=927, hop limit=0 (reply in 228) |
| 228   | 116,061419 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=927, hop limit=0 (request in 227) |
| 229   | 116,260869 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=928, hop limit=0 (reply in 230) |
| 230   | 117,167432 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=928, hop limit=0 (request in 229) |
| 231   | 117,260764 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=929, hop limit=0 (reply in 232) |
| 232   | 118,049443 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=929, hop limit=0 (request in 231) |
| 233   | 118,260914 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=930, hop limit=0 (reply in 234) |
| 234   | 118,924452 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=930, hop limit=0 (request in 233) |
| 235   | 119,261023 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=931, hop limit=0 (reply in 236) |
| 236   | 120,038465 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=931, hop limit=0 (request in 235) |
| 237   | 120,260936 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=932, hop limit=0 (reply in 238) |
| 238   | 121,05048  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=932, hop limit=0 (request in 237) |
| 239   | 121,26093  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=933, hop limit=0 (reply in 240) |
| 240   | 122,184492 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=933, hop limit=0 (request in 239) |
| 241   | 122,26081  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=934, hop limit=0 (reply in 242) |
| 242   | 123,062503 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=934, hop limit=0 (request in 241) |
| 243   | 123,260917 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=935, hop limit=0 (reply in 244) |
| 244   | 124,183518 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=935, hop limit=0 (request in 243) |
| 245   | 124,260825 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=936, hop limit=0 (reply in 246) |
| 246   | 125,043528 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=936, hop limit=0 (request in 245) |
| 247   | 125,260977 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=937, hop limit=0 (reply in 248) |
| 248   | 126,05654  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=937, hop limit=0 (request in 247) |
| 249   | 126,260973 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=938, hop limit=0 (reply in 250) |
| 250   | 127,052528 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=938, hop limit=0 (request in 249) |
| 251   | 127,260898 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=939, hop limit=0 (reply in 252) |
| 252   | 127,913562 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=939, hop limit=0 (request in 251) |
| 253   | 128,260984 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=940, hop limit=0 (reply in 254) |
| 254   | 128,908576 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=940, hop limit=0 (request in 253) |
| 255   | 129,26098  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=941, hop limit=0 (reply in 256) |
| 256   | 130,047586 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=941, hop limit=0 (request in 255) |
| 257   | 130,260974 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=942, hop limit=0 (reply in 258) |
| 258   | 131,171605 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=942, hop limit=0 (request in 257) |
| 259   | 131,260947 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=943, hop limit=0 (reply in 260) |
| 260   | 131,91661  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=943, hop limit=0 (request in 259) |
| 261   | 132,260979 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=944, hop limit=0 (reply in 262) |
| 262   | 133,158626 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=944, hop limit=0 (request in 261) |
| 263   | 133,260971 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=945, hop limit=0 (reply in 264) |
| 264   | 134,066638 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=945, hop limit=0 (request in 263) |
| 265   | 134,260933 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=946, hop limit=0 (reply in 266) |
| 266   | 135,034647 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=946, hop limit=0 (request in 265) |
| 267   | 135,260974 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=947, hop limit=0 (reply in 268) |
| 268   | 136,183662 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=947, hop limit=0 (request in 267) |
| 269   | 136,26098  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=948, hop limit=0 (reply in 270) |
| 270   | 136,942623 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=948, hop limit=0 (request in 269) |
| 271   | 137,260976 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=949, hop limit=0 (reply in 273) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 30 m |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 272   | 138,260978 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=950, hop limit=0                |
| 273   | 138,300687 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=949, hop limit=0 (request in 271) |
| 274   | 139,262813 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=951, hop limit=0 (reply in 275) |
| 275   | 140,068725 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=951, hop limit=0 (request in 274) |
| 276   | 140,262148 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=952, hop limit=0 (reply in 277) |
| 277   | 141,042721 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=952, hop limit=0 (request in 276) |
| 278   | 141,262174 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=953, hop limit=0 (reply in 279) |
| 279   | 142,063733 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=953, hop limit=0 (request in 278) |
| 280   | 142,262169 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=954, hop limit=0 (reply in 281) |
| 281   | 143,034744 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=954, hop limit=0 (request in 280) |
| 282   | 143,262183 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=955, hop limit=0 (reply in 283) |
| 283   | 143,935756 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=955, hop limit=0 (request in 282) |
| 284   | 144,262316 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=956, hop limit=0 (reply in 285) |
| 285   | 145,175772 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=956, hop limit=0 (request in 284) |
| 286   | 145,262094 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=957, hop limit=0 (reply in 287) |
| 287   | 146,029746 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=957, hop limit=0 (request in 286) |
| 288   | 146,262163 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=958, hop limit=0 (reply in 289) |
| 289   | 147,049794 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=958, hop limit=0 (request in 288) |
| 290   | 147,262243 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=959, hop limit=0 (reply in 291) |
| 291   | 148,068805 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=959, hop limit=0 (request in 290) |
| 292   | 148,26225  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=960, hop limit=0 (reply in 293) |
| 293   | 148,909791 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=960, hop limit=0 (request in 292) |
| 294   | 149,26233  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=961, hop limit=0 (reply in 296) |
| 295   | 150,271104 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=962, hop limit=0 (reply in 297) |
| 296   | 150,293827 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=961, hop limit=0 (request in 294) |
| 297   | 151,060808 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=962, hop limit=0 (request in 295) |
| 298   | 151,271221 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=963, hop limit=0 (reply in 299) |
| 299   | 152,054855 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=963, hop limit=0 (request in 298) |
| 300   | 152,271306 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=964, hop limit=0 (reply in 301) |
| 301   | 153,061867 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=964, hop limit=0 (request in 300) |
| 302   | 153,271305 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=965, hop limit=0 (reply in 303) |
| 303   | 153,931877 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=965, hop limit=0 (request in 302) |
| 304   | 154,271446 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=966, hop limit=0 (reply in 305) |
| 305   | 154,917889 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=966, hop limit=0 (request in 304) |
| 306   | 155,271474 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=967, hop limit=0 (reply in 307) |
| 307   | 156,037903 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=967, hop limit=0 (request in 306) |
| 308   | 156,271364 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=968, hop limit=0 (reply in 309) |
| 309   | 157,065915 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=968, hop limit=0 (request in 308) |
| 310   | 157,271338 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=969, hop limit=0 (reply in 311) |
| 311   | 158,190929 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=969, hop limit=0 (request in 310) |
| 312   | 158,27124  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=970, hop limit=0 (reply in 313) |
| 313   | 159,061941 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=970, hop limit=0 (request in 312) |
| 314   | 159,271371 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=971, hop limit=0 (reply in 315) |
| 315   | 160,040954 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=971, hop limit=0 (request in 314) |
| 316   | 160,271419 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=972, hop limit=0 (reply in 317) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 30 m |            |           |             |          |        |   |
|---|------------|-----------|-------------|----------|--------|---|
| No.   | Time       | Source    | Destination | Protocol | Length | Info  |
| 317   | 161,070964 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=972, hop limit=0 (request in 316)  |
| 318   | 161,271368 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=973, hop limit=0 (reply in 320)  |
| 319   | 162,279023 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=974, hop limit=0 (reply in 321)  |
| 320   | 162,578978 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=973, hop limit=0 (request in 318)  |
| 321   | 163,111943 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=974, hop limit=0 (request in 319)  |
| 322   | 163,278267 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=975, hop limit=0 (reply in 324)  |
| 323   | 164,287084 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=976, hop limit=0                 |
| 324   | 165,060011 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=975, hop limit=0 (request in 322)  |
| 325   | 165,286438 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=977, hop limit=0 (reply in 327)  |
| 326   | 166,295097 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=978, hop limit=0                 |
| 327   | 166,305025 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=977, hop limit=0 (request in 325)  |
| 328   | 167,296242 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=979, hop limit=0                 |
| 329   | 168,303114 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=980, hop limit=0                 |
| 330   | 169,311115 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=981, hop limit=0                 |
| 331   | 170,319129 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=982, hop limit=0                 |
| 332   | 171,327129 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=983, hop limit=0                 |
| 333   | 172,335138 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=984, hop limit=0                 |
| 334   | 173,343116 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=985, hop limit=0                 |
| 335   | 174,351111 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=986, hop limit=0                 |
| 336   | 175,359117 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=987, hop limit=0                 |
| 337   | 176,367111 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=988, hop limit=0                 |
| 338   | 177,375121 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=989, hop limit=0                 |
| 339   | 178,383099 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=990, hop limit=0                 |
| 340   | 179,391116 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=991, hop limit=0                 |
| 341   | 180,399096 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=992, hop limit=0 (reply in 342)  |
| 342   | 181,309207 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=992, hop limit=0 (request in 341)  |
| 343   | 181,398495 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=993, hop limit=0 (reply in 344)  |
| 344   | 182,185222 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=993, hop limit=0 (request in 343)  |
| 345   | 182,398667 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=994, hop limit=0 (reply in 347)  |
| 346   | 183,407073 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=995, hop limit=0                 |
| 347   | 183,469229 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=994, hop limit=0 (request in 345)  |
| 348   | 184,40838  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=996, hop limit=0 (reply in 349)  |
| 349   | 185,082255 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=996, hop limit=0 (request in 348)  |
| 350   | 185,407816 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=997, hop limit=0 (reply in 351)  |
| 351   | 186,181267 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=997, hop limit=0 (request in 350)  |
| 352   | 186,407721 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=998, hop limit=0 (reply in 353)  |
| 353   | 187,330281 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=998, hop limit=0 (request in 352)  |
| 354   | 187,407583 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=999, hop limit=0 (reply in 355)  |
| 355   | 188,199292 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=999, hop limit=0 (request in 354)  |
| 356   | 188,407732 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1000, hop limit=0 (reply in 357) |
| 357   | 189,070301 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1000, hop limit=0 (request in 356) |
| 358   | 189,407873 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1001, hop limit=0 (reply in 359) |
| 359   | 190,088315 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1001, hop limit=0 (request in 358) |
| 360   | 190,407863 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1002, hop limit=0 (reply in 361) |
| 361   | 191,081327 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1002, hop limit=0 (request in 360) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 30 m |            |           |             |          |        |   |
|---|------------|-----------|-------------|----------|--------|---|
| No.   | Time       | Source    | Destination | Protocol | Length | Info  |
| 362   | 191,407881 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1003, hop limit=0 (reply in 363) |
| 363   | 192,31434  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1003, hop limit=0 (request in 362) |
| 364   | 192,407664 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1004, hop limit=0 (reply in 365) |
| 365   | 193,058353 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1004, hop limit=0 (request in 364) |
| 366   | 193,407932 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1005, hop limit=0 (reply in 367) |
| 367   | 194,09136  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1005, hop limit=0 (request in 366) |
| 368   | 194,407903 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1006, hop limit=0 (reply in 369) |
| 369   | 195,217375 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1006, hop limit=0 (request in 368) |
| 370   | 195,407798 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1007, hop limit=0 (reply in 371) |
| 371   | 196,181388 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1007, hop limit=0 (request in 370) |
| 372   | 196,407842 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1008, hop limit=0 (reply in 373) |
| 373   | 197,083399 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1008, hop limit=0 (request in 372) |
| 374   | 197,407956 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1009, hop limit=0 (reply in 376) |
| 375   | 198,415072 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1010, hop limit=0                |
| 376   | 198,45741  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1009, hop limit=0 (request in 374) |
| 377   | 199,416577 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1011, hop limit=0 (reply in 379) |
| 378   | 200,423074 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1012, hop limit=0 (reply in 380) |
| 379   | 200,434443 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1011, hop limit=0 (request in 377) |
| 380   | 201,348447 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1012, hop limit=0 (request in 378) |
| 381   | 201,422754 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1013, hop limit=0 (reply in 382) |
| 382   | 202,314462 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1013, hop limit=0 (request in 381) |
| 383   | 202,422799 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1014, hop limit=0 (reply in 384) |
| 384   | 203,107471 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1014, hop limit=0 (request in 383) |
| 385   | 203,423015 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1015, hop limit=0 (reply in 387) |
| 386   | 204,431074 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1016, hop limit=0                |
| 387   | 204,469485 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1015, hop limit=0 (request in 385) |
| 388   | 205,432658 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1017, hop limit=0 (reply in 389) |
| 389   | 206,347511 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1017, hop limit=0 (request in 388) |
| 390   | 206,431825 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1018, hop limit=0 (reply in 391) |
| 391   | 207,09352  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1018, hop limit=0 (request in 390) |
| 392   | 207,432087 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1019, hop limit=0 (reply in 393) |
| 393   | 208,091002 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1019, hop limit=0 (request in 392) |
| 394   | 208,431344 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1020, hop limit=0 (reply in 395) |
| 395   | 209,341549 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1020, hop limit=0 (request in 394) |
| 396   | 209,430892 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1021, hop limit=0 (reply in 397) |
| 397   | 210,331562 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1021, hop limit=0 (request in 396) |
| 398   | 210,430893 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1022, hop limit=0 (reply in 399) |
| 399   | 211,219568 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1022, hop limit=0 (request in 398) |
| 400   | 211,431014 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1023, hop limit=0 (reply in 401) |
| 401   | 212,109547 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1023, hop limit=0 (request in 400) |
| 402   | 212,431054 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1024, hop limit=0 (reply in 404) |
| 403   | 213,439109 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1025, hop limit=0                |
| 404   | 213,472601 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1024, hop limit=0 (request in 402) |
| 405   | 214,440776 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1026, hop limit=0 (reply in 406) |
| 406   | 215,223618 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1026, hop limit=0 (request in 405) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 30 m |            |           |             |          |        |   |
|---|------------|-----------|-------------|----------|--------|---|
| No.   | Time       | Source    | Destination | Protocol | Length | Info  |
| 407   | 215,44006  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1027, hop limit=0 (reply in 408) |
| 408   | 216,083629 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1027, hop limit=0 (request in 407) |
| 409   | 216,44022  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1028, hop limit=0 (reply in 410) |
| 410   | 217,097642 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1028, hop limit=0 (request in 409) |
| 411   | 217,440214 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1029, hop limit=0 (reply in 412) |
| 412   | 218,103654 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1029, hop limit=0 (request in 411) |
| 413   | 218,440217 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1030, hop limit=0 (reply in 414) |
| 414   | 219,364667 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1030, hop limit=0 (request in 413) |
| 415   | 219,439925 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1031, hop limit=0 (reply in 416) |
| 416   | 220,328689 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1031, hop limit=0 (request in 415) |
| 417   | 220,440002 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1032, hop limit=0 (reply in 418) |
| 418   | 221,202692 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1032, hop limit=0 (request in 417) |
| 419   | 221,440163 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1033, hop limit=0 (reply in 420) |
| 420   | 222,345708 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1033, hop limit=0 (request in 419) |
| 421   | 222,440002 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1034, hop limit=0 (reply in 423) |
| 422   | 223,447073 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1035, hop limit=0 (reply in 424) |
| 423   | 223,460713 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1034, hop limit=0 (request in 421) |
| 424   | 224,356728 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1035, hop limit=0 (request in 422) |
| 425   | 224,447018 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1036, hop limit=0 (reply in 426) |
| 426   | 225,225741 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1036, hop limit=0 (request in 425) |
| 427   | 225,447196 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1037, hop limit=0 (reply in 428) |
| 428   | 226,345754 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1037, hop limit=0 (request in 427) |
| 429   | 226,447051 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1038, hop limit=0 (reply in 430) |
| 430   | 227,264764 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1038, hop limit=0 (request in 429) |
| 431   | 227,44721  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1039, hop limit=0 (reply in 432) |
| 432   | 228,344776 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1039, hop limit=0 (request in 431) |
| 433   | 228,447111 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1040, hop limit=0 (reply in 434) |
| 434   | 229,240788 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1040, hop limit=0 (request in 433) |
| 435   | 229,447249 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1041, hop limit=0 (reply in 436) |
| 436   | 230,232802 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1041, hop limit=0 (request in 435) |
| 437   | 230,447274 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1042, hop limit=0 (reply in 438) |
| 438   | 231,240811 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1042, hop limit=0 (request in 437) |
| 439   | 231,447285 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1043, hop limit=0 (reply in 440) |
| 440   | 232,348826 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1043, hop limit=0 (request in 439) |
| 441   | 232,447177 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1044, hop limit=0 (reply in 442) |
| 442   | 233,354839 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1044, hop limit=0 (request in 441) |
| 443   | 233,447165 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1045, hop limit=0 (reply in 444) |
| 444   | 234,23085  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1045, hop limit=0 (request in 443) |
| 445   | 234,447301 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1046, hop limit=0 (reply in 446) |
| 446   | 235,362862 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1046, hop limit=0 (request in 445) |
| 447   | 235,44718  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1047, hop limit=0 (reply in 448) |
| 448   | 236,233872 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1047, hop limit=0 (request in 447) |
| 449   | 236,447317 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1048, hop limit=0 (reply in 450) |
| 450   | 237,119886 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1048, hop limit=0 (request in 449) |
| 451   | 237,447453 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1049, hop limit=0 (reply in 452) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 30 m |            |           |             |          |        |   |
|---|------------|-----------|-------------|----------|--------|---|
| No.   | Time       | Source    | Destination | Protocol | Length | Info  |
| 452   | 238,341899 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1049, hop limit=0 (request in 451) |
| 453   | 238,447236 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1050, hop limit=0 (reply in 454) |
| 454   | 239,125908 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1050, hop limit=0 (request in 453) |
| 455   | 239,447464 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1051, hop limit=0 (reply in 456) |
| 456   | 240,117895 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1051, hop limit=0 (request in 455) |
| 457   | 240,447409 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1052, hop limit=0 (reply in 459) |
| 458   | 241,455116 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1053, hop limit=0                |
| 459   | 241,49893  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1052, hop limit=0 (request in 457) |
| 460   | 242,457007 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1054, hop limit=0 (reply in 461) |
| 461   | 243,131958 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1054, hop limit=0 (request in 460) |
| 462   | 243,456514 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1055, hop limit=0 (reply in 463) |
| 463   | 244,361972 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1055, hop limit=0 (request in 462) |
| 464   | 244,456298 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1056, hop limit=0 (reply in 465) |
| 465   | 245,248977 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1056, hop limit=0 (request in 464) |
| 466   | 245,456391 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1057, hop limit=0 (reply in 467) |
| 467   | 246,261995 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1057, hop limit=0 (request in 466) |
| 468   | 246,456388 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1058, hop limit=0 (reply in 469) |
| 469   | 247,135005 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1058, hop limit=0 (request in 468) |
| 470   | 247,456556 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1059, hop limit=0 (reply in 471) |
| 471   | 248,120017 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1059, hop limit=0 (request in 470) |
| 472   | 248,45655  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1060, hop limit=0 (reply in 474) |
| 473   | 249,463079 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1061, hop limit=0                |
| 474   | 249,50503  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1060, hop limit=0 (request in 472) |
| 475   | 250,464195 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1062, hop limit=0 (reply in 476) |
| 476   | 251,096054 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1062, hop limit=0 (request in 475) |
| 477   | 251,463653 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1063, hop limit=0 (reply in 478) |
| 478   | 252,114069 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1063, hop limit=0 (request in 477) |
| 479   | 252,463657 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1064, hop limit=0 (reply in 480) |
| 480   | 253,353077 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1064, hop limit=0 (request in 479) |
| 481   | 253,463423 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1065, hop limit=0 (reply in 482) |
| 482   | 254,127059 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1065, hop limit=0 (request in 481) |
| 483   | 254,463585 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1066, hop limit=0 (reply in 484) |
| 484   | 255,375106 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1066, hop limit=0 (request in 483) |
| 485   | 255,463428 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1067, hop limit=0 (reply in 486) |
| 486   | 256,25508  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1067, hop limit=0 (request in 485) |
| 487   | 256,463492 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1068, hop limit=0 (reply in 488) |
| 488   | 257,236127 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1068, hop limit=0 (request in 487) |
| 489   | 257,463591 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1069, hop limit=0 (reply in 491) |
| 490   | 258,471116 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1070, hop limit=0 (reply in 492) |
| 491   | 258,499137 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1069, hop limit=0 (request in 489) |
| 492   | 259,26213  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1070, hop limit=0 (request in 490) |
| 493   | 259,47055  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1071, hop limit=0 (reply in 495) |
| 494   | 260,479124 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1072, hop limit=0 (reply in 496) |
| 495   | 260,491173 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1071, hop limit=0 (request in 493) |
| 496   | 261,122155 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1072, hop limit=0 (request in 494) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 30 m |            |           |             |          |        |   |
|---|------------|-----------|-------------|----------|--------|---|
| No.   | Time       | Source    | Destination | Protocol | Length | Info  |
| 497   | 261,478713 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1073, hop limit=0 (reply in 498) |
| 498   | 262,261193 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1073, hop limit=0 (request in 497) |
| 499   | 262,478648 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1074, hop limit=0 (reply in 500) |
| 500   | 263,246182 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1074, hop limit=0 (request in 499) |
| 501   | 263,478612 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1075, hop limit=0 (reply in 502) |
| 502   | 264,372215 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1075, hop limit=0 (request in 501) |
| 503   | 264,478525 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1076, hop limit=0 (reply in 504) |
| 504   | 265,387233 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1076, hop limit=0 (request in 503) |
| 505   | 265,478566 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1077, hop limit=0 (reply in 506) |
| 506   | 266,279236 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1077, hop limit=0 (request in 505) |
| 507   | 266,478632 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1078, hop limit=0 (reply in 508) |
| 508   | 267,276222 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1078, hop limit=0 (request in 507) |
| 509   | 267,478605 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1079, hop limit=0 (reply in 510) |
| 510   | 268,252226 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1079, hop limit=0 (request in 509) |
| 511   | 268,478714 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1080, hop limit=0 (reply in 512) |
| 512   | 269,250274 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1080, hop limit=0 (request in 511) |
| 513   | 269,478762 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1081, hop limit=0 (reply in 514) |
| 514   | 270,142285 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1081, hop limit=0 (request in 513) |
| 515   | 270,478853 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1082, hop limit=0 (reply in 517) |
| 516   | 271,487074 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1083, hop limit=0 (reply in 518) |
| 517   | 271,502296 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1082, hop limit=0 (request in 515) |
| 518   | 272,148308 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1083, hop limit=0 (request in 516) |
| 519   | 272,486891 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1084, hop limit=0 (reply in 520) |
| 520   | 273,392324 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1084, hop limit=0 (request in 519) |
| 521   | 273,486658 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1085, hop limit=0 (reply in 522) |
| 522   | 274,138332 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1085, hop limit=0 (request in 521) |
| 523   | 274,486919 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1086, hop limit=0 (reply in 524) |
| 524   | 275,15332  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1086, hop limit=0 (request in 523) |
| 525   | 275,486841 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1087, hop limit=0 (reply in 526) |
| 526   | 276,179357 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1087, hop limit=0 (request in 525) |
| 527   | 276,486908 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1088, hop limit=0 (reply in 528) |
| 528   | 277,28237  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1088, hop limit=0 (request in 527) |
| 529   | 277,486809 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1089, hop limit=0 (reply in 531) |
| 530   | 278,495109 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1090, hop limit=0                |
| 531   | 278,668387 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1089, hop limit=0 (request in 529) |
| 532   | 279,496359 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1091, hop limit=0 (reply in 533) |
| 533   | 280,159404 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1091, hop limit=0 (request in 532) |
| 534   | 280,49601  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1092, hop limit=0                |
| 535   | 281,503107 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1093, hop limit=0                |
| 536   | 282,511044 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1094, hop limit=0 (reply in 537) |
| 537   | 283,451442 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1094, hop limit=0 (request in 536) |
| 538   | 283,510726 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1095, hop limit=0 (reply in 539) |
| 539   | 284,415457 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1095, hop limit=0 (request in 538) |
| 540   | 284,510784 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1096, hop limit=0 (reply in 541) |
| 541   | 285,428468 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1096, hop limit=0 (request in 540) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 30 m |            |           |             |          |        |   |
|---|------------|-----------|-------------|----------|--------|---|
| No.   | Time       | Source    | Destination | Protocol | Length | Info  |
| 542   | 285,510779 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1097, hop limit=0 (reply in 544) |
| 543   | 286,519074 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1098, hop limit=0                |
| 544   | 287,339494 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1097, hop limit=0 (request in 542) |
| 545   | 287,518908 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1099, hop limit=0 (reply in 547) |
| 546   | 288,527074 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1100, hop limit=0                |
| 547   | 288,698483 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1099, hop limit=0 (request in 545) |
| 548   | 289,528516 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1101, hop limit=0 (reply in 550) |
| 549   | 290,535082 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1102, hop limit=0                |
| 550   | 290,701527 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1101, hop limit=0 (request in 548) |
| 551   | 291,536598 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1103, hop limit=0 (reply in 553) |
| 552   | 292,543077 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1104, hop limit=0                |
| 553   | 292,911561 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1103, hop limit=0 (request in 551) |
| 554   | 293,543433 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1105, hop limit=0 (reply in 556) |
| 555   | 294,551038 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1106, hop limit=0                |
| 556   | 294,580574 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1105, hop limit=0 (request in 554) |
| 557   | 295,552725 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1107, hop limit=0 (reply in 558) |
| 558   | 296,225598 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1107, hop limit=0 (request in 557) |
| 559   | 296,552164 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1108, hop limit=0 (reply in 560) |
| 560   | 297,451617 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1108, hop limit=0 (request in 559) |
| 561   | 297,551949 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1109, hop limit=0 (reply in 563) |
| 562   | 298,559066 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0f15, seq=1110, hop limit=0                |
| 563   | 298,573621 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0f15, seq=1109, hop limit=0 (request in 561) |

**Tabla 26. Test para el nodo 7 con 6Lowpan a 40 m sin LPL y con enrutamiento estático**

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 40 m |          |           |             |          |        |   |
|---|----------|-----------|-------------|----------|--------|---|
| No.   | Time     | Source    | Destination | Protocol | Length | Info  |
| 1   | 0        | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=119, hop limit=0                 |
| 2   | 0,346577 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=120, hop limit=0 (reply in 3)  |
| 3   | 1,016012 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=120, hop limit=0 (request in 2)  |
| 4   | 1,346578 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=121, hop limit=0 (reply in 5)  |
| 5   | 2,113027 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=121, hop limit=0 (request in 4)  |
| 6   | 2,346481 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=122, hop limit=0 (reply in 7)  |
| 7   | 3,015011 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=122, hop limit=0 (request in 6)  |
| 8   | 3,346516 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=123, hop limit=0 (reply in 9)  |
| 9   | 4,145053 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=123, hop limit=0 (request in 8)  |
| 10  | 4,346474 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=124, hop limit=0 (reply in 11) |
| 11  | 5,134063 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=124, hop limit=0 (request in 10) |
| 12  | 5,346495 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=125, hop limit=0 (reply in 13) |
| 13  | 6,001071 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=125, hop limit=0 (request in 12) |
| 14  | 6,346579 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=126, hop limit=0 (reply in 15) |
| 15  | 7,020086 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=126, hop limit=0 (request in 14) |



| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 40 m |           |           |             |          |        |   |
|---|-----------|-----------|-------------|----------|--------|---|
| No.   | Time      | Source    | Destination | Protocol | Length | Info  |
| 16  | 7,34632   | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=127, hop limit=0 (reply in 18) |
| 17  | 8,346349  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=128, hop limit=0               |
| 18  | 8,527098  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=127, hop limit=0 (request in 16) |
| 19  | 9,348158  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=129, hop limit=0 (reply in 21) |
| 20  | 10,356428 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=130, hop limit=0 (reply in 22) |
| 21  | 10,37212  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=129, hop limit=0 (request in 19) |
| 22  | 11,035133 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=130, hop limit=0 (request in 20) |
| 23  | 11,356686 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=131, hop limit=0 (reply in 24) |
| 24  | 12,025146 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=131, hop limit=0 (request in 23) |
| 25  | 12,356701 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=132, hop limit=0 (reply in 26) |
| 26  | 13,160159 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=132, hop limit=0 (request in 25) |
| 27  | 13,356572 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=133, hop limit=0 (reply in 28) |
| 28  | 14,146174 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=133, hop limit=0 (request in 27) |
| 29  | 14,35665  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=134, hop limit=0 (reply in 30) |
| 30  | 15,267185 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=134, hop limit=0 (request in 29) |
| 31  | 15,356497 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=135, hop limit=0 (reply in 32) |
| 32  | 16,011193 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=135, hop limit=0 (request in 31) |
| 33  | 16,356772 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=136, hop limit=0 (reply in 34) |
| 34  | 17,012206 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=136, hop limit=0 (request in 33) |
| 35  | 17,356755 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=137, hop limit=0 (reply in 36) |
| 36  | 18,036219 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=137, hop limit=0 (request in 35) |
| 37  | 18,356779 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=138, hop limit=0 (reply in 39) |
| 38  | 19,364463 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=139, hop limit=0 (reply in 40) |
| 39  | 19,387229 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=138, hop limit=0 (request in 37) |
| 40  | 20,150277 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=139, hop limit=0 (request in 38) |
| 41  | 20,364697 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=140, hop limit=0 (reply in 42) |
| 42  | 21,158279 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=140, hop limit=0 (request in 41) |
| 43  | 21,364727 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=141, hop limit=0 (reply in 44) |
| 44  | 22,271269 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=141, hop limit=0 (request in 43) |
| 45  | 22,364586 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=142, hop limit=0 (reply in 46) |
| 46  | 23,16328  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=142, hop limit=0 (request in 45) |
| 47  | 23,364735 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=143, hop limit=0 (reply in 48) |
| 48  | 24,269293 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=143, hop limit=0 (request in 47) |
| 49  | 24,364649 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=144, hop limit=0 (reply in 50) |
| 50  | 25,032264 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=144, hop limit=0 (request in 49) |
| 51  | 25,364707 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=145, hop limit=0 (reply in 52) |
| 52  | 26,011315 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=145, hop limit=0 (request in 51) |
| 53  | 26,364898 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=146, hop limit=0 (reply in 54) |
| 54  | 27,278307 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=146, hop limit=0 (request in 53) |
| 55  | 27,364609 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=147, hop limit=0 (reply in 56) |
| 56  | 28,021339 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=147, hop limit=0 (request in 55) |
| 57  | 28,364912 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=148, hop limit=0 (reply in 58) |
| 58  | 29,287356 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=148, hop limit=0 (request in 57) |
| 59  | 29,364645 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=149, hop limit=0 (reply in 60) |
| 60  | 30,187365 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=149, hop limit=0 (request in 59) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 40 m |           |           |             |          |        |  |
|---|-----------|-----------|-------------|----------|--------|--|
| No.   | Time      | Source    | Destination | Protocol | Length | Info   |
| 61  | 30,364774 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=150, hop limit=0 (reply in 62)  |
| 62  | 31,264379 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=150, hop limit=0 (request in 61)  |
| 63  | 31,364671 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=151, hop limit=0 (reply in 64)  |
| 64  | 32,040389 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=151, hop limit=0 (request in 63)  |
| 65  | 32,364938 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=152, hop limit=0 (reply in 66)  |
| 66  | 33,028398 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=152, hop limit=0 (request in 65)  |
| 67  | 33,364966 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=153, hop limit=0 (reply in 68)  |
| 68  | 34,053412 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=153, hop limit=0 (request in 67)  |
| 69  | 34,364945 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=154, hop limit=0 (reply in 70)  |
| 70  | 35,284426 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=154, hop limit=0 (request in 69)  |
| 71  | 35,364707 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=155, hop limit=0 (reply in 72)  |
| 72  | 36,042436 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=155, hop limit=0 (request in 71)  |
| 73  | 36,364978 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=156, hop limit=0 (reply in 74)  |
| 74  | 37,034449 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=156, hop limit=0 (request in 73)  |
| 75  | 37,365008 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=157, hop limit=0 (reply in 76)  |
| 76  | 38,012461 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=157, hop limit=0 (request in 75)  |
| 77  | 38,365044 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=158, hop limit=0 (reply in 78)  |
| 78  | 39,282475 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=158, hop limit=0 (request in 77)  |
| 79  | 39,364772 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=159, hop limit=0 (reply in 80)  |
| 80  | 40,281488 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=159, hop limit=0 (request in 79)  |
| 81  | 40,364788 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=160, hop limit=0 (reply in 83)  |
| 82  | 41,372422 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=161, hop limit=0                |
| 83  | 41,423497 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=160, hop limit=0 (request in 81)  |
| 84  | 42,373659 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=162, hop limit=0 (reply in 85)  |
| 85  | 43,07152  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=162, hop limit=0 (request in 84)  |
| 86  | 43,373039 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=163, hop limit=0 (reply in 87)  |
| 87  | 44,159533 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=163, hop limit=0 (request in 86)  |
| 88  | 44,372969 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=164, hop limit=0 (reply in 89)  |
| 89  | 45,154545 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=164, hop limit=0 (request in 88)  |
| 90  | 45,372995 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=165, hop limit=0 (reply in 91)  |
| 91  | 46,196559 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=165, hop limit=0 (request in 90)  |
| 92  | 46,37295  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=166, hop limit=0 (reply in 93)  |
| 93  | 47,052572 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=166, hop limit=0 (request in 92)  |
| 94  | 47,373119 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=167, hop limit=0 (reply in 95)  |
| 95  | 48,157584 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=167, hop limit=0 (request in 94)  |
| 96  | 48,373027 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=168, hop limit=0 (reply in 97)  |
| 97  | 49,262597 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=168, hop limit=0 (request in 96)  |
| 98  | 49,372922 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=169, hop limit=0 (reply in 99)  |
| 99  | 50,277609 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=169, hop limit=0 (request in 98)  |
| 100   | 50,372917 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=170, hop limit=0 (reply in 101) |
| 101   | 51,035618 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=170, hop limit=0 (request in 100) |
| 102   | 51,373187 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=171, hop limit=0 (reply in 103) |
| 103   | 52,147632 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=171, hop limit=0 (request in 102) |
| 104   | 52,373097 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=172, hop limit=0 (reply in 105) |
| 105   | 53,155622 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=172, hop limit=0 (request in 104) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 40 m |           |           |             |          |        |  |
|---|-----------|-----------|-------------|----------|--------|--|
| No.   | Time      | Source    | Destination | Protocol | Length | Info   |
| 106   | 53,373036 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=173, hop limit=0 (reply in 107) |
| 107   | 54,309659 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=173, hop limit=0 (request in 106) |
| 108   | 54,372934 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=174, hop limit=0 (reply in 109) |
| 109   | 55,281669 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=174, hop limit=0 (request in 108) |
| 110   | 55,372975 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=175, hop limit=0 (reply in 111) |
| 111   | 56,161679 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=175, hop limit=0 (request in 110) |
| 112   | 56,373112 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=176, hop limit=0 (reply in 113) |
| 113   | 57,064689 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=176, hop limit=0 (request in 112) |
| 114   | 57,373211 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=177, hop limit=0 (reply in 115) |
| 115   | 58,179704 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=177, hop limit=0 (request in 114) |
| 116   | 58,373112 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=178, hop limit=0 (reply in 117) |
| 117   | 59,160715 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=178, hop limit=0 (request in 116) |
| 118   | 59,373145 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=179, hop limit=0 (reply in 119) |
| 119   | 60,301728 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=179, hop limit=0 (request in 118) |
| 120   | 60,373007 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=180, hop limit=0 (reply in 121) |
| 121   | 61,166742 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=180, hop limit=0 (request in 120) |
| 122   | 61,373169 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=181, hop limit=0 (reply in 123) |
| 123   | 62,049751 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=181, hop limit=0 (request in 122) |
| 124   | 62,37329  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=182, hop limit=0 (reply in 125) |
| 125   | 63,158765 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=182, hop limit=0 (request in 124) |
| 126   | 63,373196 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=183, hop limit=0 (reply in 127) |
| 127   | 64,160776 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=183, hop limit=0 (request in 126) |
| 128   | 64,373226 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=184, hop limit=0 (reply in 129) |
| 129   | 65,166789 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=184, hop limit=0 (request in 128) |
| 130   | 65,373221 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=185, hop limit=0 (reply in 131) |
| 131   | 66,042799 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=185, hop limit=0 (request in 130) |
| 132   | 66,373356 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=186, hop limit=0 (reply in 133) |
| 133   | 67,279814 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=186, hop limit=0 (request in 132) |
| 134   | 67,373122 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=187, hop limit=0 (reply in 135) |
| 135   | 68,060824 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=187, hop limit=0 (request in 134) |
| 136   | 68,373366 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=188, hop limit=0 (reply in 137) |
| 137   | 69,024802 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=188, hop limit=0 (request in 136) |
| 138   | 69,373318 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=189, hop limit=0 (reply in 139) |
| 139   | 70,14885  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=189, hop limit=0 (request in 138) |
| 140   | 70,373285 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=190, hop limit=0 (reply in 141) |
| 141   | 71,180861 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=190, hop limit=0 (request in 140) |
| 142   | 71,373272 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=191, hop limit=0 (reply in 143) |
| 143   | 72,301875 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=191, hop limit=0 (request in 142) |
| 144   | 72,373159 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=192, hop limit=0 (reply in 146) |
| 145   | 73,380425 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=193, hop limit=0                |
| 146   | 73,415883 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=192, hop limit=0 (request in 144) |
| 147   | 74,381684 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=194, hop limit=0 (reply in 148) |
| 148   | 75,197912 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=194, hop limit=0 (request in 147) |
| 149   | 75,38132  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=195, hop limit=0 (reply in 150) |
| 150   | 76,178923 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=195, hop limit=0 (request in 149) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 40 m |           |           |             |          |        |  |
|---|-----------|-----------|-------------|----------|--------|--|
| No.   | Time      | Source    | Destination | Protocol | Length | Info   |
| 151   | 76,381369 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=196, hop limit=0 (reply in 152) |
| 152   | 77,203934 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=196, hop limit=0 (request in 151) |
| 153   | 77,381334 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=197, hop limit=0 (reply in 154) |
| 154   | 78,058954 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=197, hop limit=0 (request in 153) |
| 155   | 78,381513 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=198, hop limit=0 (reply in 156) |
| 156   | 79,17096  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=198, hop limit=0 (request in 155) |
| 157   | 79,381402 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=199, hop limit=0 (reply in 158) |
| 158   | 80,155971 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=199, hop limit=0 (request in 157) |
| 159   | 80,38142  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=200, hop limit=0 (reply in 160) |
| 160   | 81,034979 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=200, hop limit=0 (request in 159) |
| 161   | 81,381524 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=201, hop limit=0 (reply in 162) |
| 162   | 82,024998 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=201, hop limit=0 (request in 161) |
| 163   | 82,38158  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=202, hop limit=0 (reply in 164) |
| 164   | 83,296015 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=202, hop limit=0 (request in 163) |
| 165   | 83,381329 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=203, hop limit=0 (reply in 166) |
| 166   | 84,172989 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=203, hop limit=0 (request in 165) |
| 167   | 84,381378 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=204, hop limit=0 (reply in 168) |
| 168   | 85,18703  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=204, hop limit=0 (request in 167) |
| 169   | 85,381448 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=205, hop limit=0 (reply in 170) |
| 170   | 86,030041 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=205, hop limit=0 (request in 169) |
| 171   | 86,381621 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=206, hop limit=0 (reply in 172) |
| 172   | 87,070055 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=206, hop limit=0 (request in 171) |
| 173   | 87,381594 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=207, hop limit=0 (reply in 174) |
| 174   | 88,311069 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=207, hop limit=0 (request in 173) |
| 175   | 88,381361 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=208, hop limit=0 (reply in 176) |
| 176   | 89,041078 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=208, hop limit=0 (request in 175) |
| 177   | 89,38167  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=209, hop limit=0 (reply in 178) |
| 178   | 90,03409  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=209, hop limit=0 (request in 177) |
| 179   | 90,381692 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=210, hop limit=0 (reply in 181) |
| 180   | 91,388458 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=211, hop limit=0                |
| 181   | 91,4431   | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=210, hop limit=0 (request in 179) |
| 182   | 92,390272 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=212, hop limit=0 (reply in 183) |
| 183   | 93,198128 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=212, hop limit=0 (request in 182) |
| 184   | 93,38957  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=213, hop limit=0 (reply in 185) |
| 185   | 94,07514  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=213, hop limit=0 (request in 184) |
| 186   | 94,389679 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=214, hop limit=0 (reply in 187) |
| 187   | 95,320153 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=214, hop limit=0 (request in 186) |
| 188   | 95,389434 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=215, hop limit=0 (reply in 189) |
| 189   | 96,064164 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=215, hop limit=0 (request in 188) |
| 190   | 96,389714 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=216, hop limit=0 (reply in 191) |
| 191   | 97,035174 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=216, hop limit=0 (request in 190) |
| 192   | 97,389717 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=217, hop limit=0 (reply in 193) |
| 193   | 98,191024 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=217, hop limit=0 (request in 192) |
| 194   | 98,389462 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=218, hop limit=0 (reply in 195) |
| 195   | 99,191201 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=218, hop limit=0 (request in 194) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 40 m |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 196   | 99,389615  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=219, hop limit=0 (reply in 197) |
| 197   | 100,159215 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=219, hop limit=0 (request in 196) |
| 198   | 100,389663 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=220, hop limit=0 (reply in 199) |
| 199   | 101,05825  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=220, hop limit=0 (request in 198) |
| 200   | 101,389808 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=221, hop limit=0 (reply in 201) |
| 201   | 102,301238 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=221, hop limit=0 (request in 200) |
| 202   | 102,389543 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=222, hop limit=0 (reply in 203) |
| 203   | 103,059249 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=222, hop limit=0 (request in 202) |
| 204   | 103,389811 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=223, hop limit=0 (reply in 205) |
| 205   | 104,152263 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=223, hop limit=0 (request in 204) |
| 206   | 104,38972  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=224, hop limit=0 (reply in 207) |
| 207   | 105,037272 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=224, hop limit=0 (request in 206) |
| 208   | 105,389854 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=225, hop limit=0 (reply in 209) |
| 209   | 106,175285 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=225, hop limit=0 (request in 208) |
| 210   | 106,389718 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=226, hop limit=0 (reply in 211) |
| 211   | 107,037297 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=226, hop limit=0 (request in 210) |
| 212   | 107,389615 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=227, hop limit=0 (reply in 213) |
| 213   | 108,178285 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=227, hop limit=0 (request in 212) |
| 214   | 108,389721 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=228, hop limit=0 (reply in 215) |
| 215   | 109,189321 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=228, hop limit=0 (request in 214) |
| 216   | 109,389745 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=229, hop limit=0 (reply in 217) |
| 217   | 110,163334 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=229, hop limit=0 (request in 216) |
| 218   | 110,389791 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=230, hop limit=0 (reply in 219) |
| 219   | 111,166343 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=230, hop limit=0 (request in 218) |
| 220   | 111,38979  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=231, hop limit=0 (reply in 221) |
| 221   | 112,052357 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=231, hop limit=0 (request in 220) |
| 222   | 112,389924 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=232, hop limit=0 (reply in 223) |
| 223   | 113,059368 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=232, hop limit=0 (request in 222) |
| 224   | 113,389933 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=233, hop limit=0 (reply in 225) |
| 225   | 114,182382 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=233, hop limit=0 (request in 224) |
| 226   | 114,389813 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=234, hop limit=0 (reply in 228) |
| 227   | 115,396466 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=235, hop limit=0                |
| 228   | 115,432392 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=234, hop limit=0 (request in 226) |
| 229   | 116,397584 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=236, hop limit=0 (reply in 230) |
| 230   | 117,199416 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=236, hop limit=0 (request in 229) |
| 231   | 117,396843 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=237, hop limit=0 (reply in 232) |
| 232   | 118,17043  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=237, hop limit=0 (request in 231) |
| 233   | 118,396882 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=238, hop limit=0 (reply in 234) |
| 234   | 119,191443 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=238, hop limit=0 (request in 233) |
| 235   | 119,396873 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=239, hop limit=0 (reply in 237) |
| 236   | 120,404476 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=240, hop limit=0 (reply in 238) |
| 237   | 120,421453 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=239, hop limit=0 (request in 235) |
| 238   | 121,093421 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=240, hop limit=0 (request in 236) |
| 239   | 121,403918 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=241, hop limit=0 (reply in 240) |
| 240   | 122,054474 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=241, hop limit=0 (request in 239) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 40 m |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 241   | 122,404053 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=242, hop limit=0 (reply in 242) |
| 242   | 123,328492 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=242, hop limit=0 (request in 241) |
| 243   | 123,40378  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=243, hop limit=0 (reply in 244) |
| 244   | 124,315504 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=243, hop limit=0 (request in 243) |
| 245   | 124,403806 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=244, hop limit=0 (reply in 246) |
| 246   | 125,340517 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=244, hop limit=0 (request in 245) |
| 247   | 125,403793 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=245, hop limit=0 (reply in 248) |
| 248   | 126,208527 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=245, hop limit=0 (request in 247) |
| 249   | 126,403918 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=246, hop limit=0 (reply in 250) |
| 250   | 127,20954  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=246, hop limit=0 (request in 249) |
| 251   | 127,403965 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=247, hop limit=0 (reply in 252) |
| 252   | 128,315552 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=247, hop limit=0 (request in 251) |
| 253   | 128,403853 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=248, hop limit=0 (reply in 254) |
| 254   | 129,218563 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=248, hop limit=0 (request in 253) |
| 255   | 129,403966 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=249, hop limit=0 (reply in 256) |
| 256   | 130,064585 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=249, hop limit=0 (request in 255) |
| 257   | 130,404181 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=250, hop limit=0 (reply in 258) |
| 258   | 131,311589 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=250, hop limit=0 (request in 257) |
| 259   | 131,403905 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=251, hop limit=0 (reply in 260) |
| 260   | 132,1866   | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=251, hop limit=0 (request in 259) |
| 261   | 132,404041 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=252, hop limit=0 (reply in 262) |
| 262   | 133,07058  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=252, hop limit=0 (request in 261) |
| 263   | 133,404097 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=253, hop limit=0 (reply in 264) |
| 264   | 134,179625 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=253, hop limit=0 (request in 263) |
| 265   | 134,40407  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=254, hop limit=0                |
| 266   | 135,412446 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=255, hop limit=0                |
| 267   | 136,420429 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=256, hop limit=0 (reply in 268) |
| 268   | 137,211664 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=256, hop limit=0 (request in 267) |
| 269   | 137,420071 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=257, hop limit=0 (reply in 270) |
| 270   | 138,193673 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=257, hop limit=0 (request in 269) |
| 271   | 138,420108 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=258, hop limit=0 (reply in 272) |
| 272   | 139,218686 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=258, hop limit=0 (request in 271) |
| 273   | 139,420122 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=259, hop limit=0 (reply in 274) |
| 274   | 140,193698 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=259, hop limit=0 (request in 273) |
| 275   | 140,420142 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=260, hop limit=0 (reply in 276) |
| 276   | 141,229709 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=260, hop limit=0 (request in 275) |
| 277   | 141,420118 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=261, hop limit=0 (reply in 278) |
| 278   | 142,313723 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=261, hop limit=0 (request in 277) |
| 279   | 142,420042 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=262, hop limit=0 (reply in 280) |
| 280   | 143,201734 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=262, hop limit=0 (request in 279) |
| 281   | 143,420169 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=263, hop limit=0 (reply in 282) |
| 282   | 144,096744 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=263, hop limit=0 (request in 281) |
| 283   | 144,420291 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=264, hop limit=0 (reply in 284) |
| 284   | 145,097756 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=264, hop limit=0 (request in 283) |
| 285   | 145,420306 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=265, hop limit=0 (reply in 286) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 40 m |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 286   | 146,327771 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=265, hop limit=0 (request in 285) |
| 287   | 146,420079 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=266, hop limit=0 (reply in 288) |
| 288   | 147,218781 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=266, hop limit=0 (request in 287) |
| 289   | 147,420214 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=267, hop limit=0 (reply in 290) |
| 290   | 148,091794 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=267, hop limit=0 (request in 289) |
| 291   | 148,420354 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=268, hop limit=0 (reply in 292) |
| 292   | 149,223806 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=268, hop limit=0 (request in 291) |
| 293   | 149,420234 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=269, hop limit=0 (reply in 294) |
| 294   | 150,321819 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=269, hop limit=0 (request in 293) |
| 295   | 150,420133 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=270, hop limit=0 (reply in 297) |
| 296   | 151,428424 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=271, hop limit=0 (reply in 298) |
| 297   | 151,449826 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=270, hop limit=0 (request in 295) |
| 298   | 152,327844 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=271, hop limit=0 (request in 296) |
| 299   | 152,428166 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=272, hop limit=0 (reply in 300) |
| 300   | 153,331857 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=272, hop limit=0 (request in 299) |
| 301   | 153,428173 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=273, hop limit=0 (reply in 302) |
| 302   | 154,200867 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=273, hop limit=0 (request in 301) |
| 303   | 154,428315 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=274, hop limit=0 (reply in 304) |
| 304   | 155,212879 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=274, hop limit=0 (request in 303) |
| 305   | 155,428307 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=275, hop limit=0 (reply in 306) |
| 306   | 156,09989  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=275, hop limit=0 (request in 305) |
| 307   | 156,428437 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=276, hop limit=0 (reply in 308) |
| 308   | 157,208903 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=276, hop limit=0 (request in 307) |
| 309   | 157,428341 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=277, hop limit=0 (reply in 310) |
| 310   | 158,220917 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=277, hop limit=0 (request in 309) |
| 311   | 158,42834  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=278, hop limit=0 (reply in 312) |
| 312   | 159,104925 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=278, hop limit=0 (request in 311) |
| 313   | 159,428464 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=279, hop limit=0 (reply in 314) |
| 314   | 160,112938 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=279, hop limit=0 (request in 313) |
| 315   | 160,428469 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=280, hop limit=0 (reply in 316) |
| 316   | 161,089948 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=280, hop limit=0 (request in 315) |
| 317   | 161,428505 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=281, hop limit=0 (reply in 319) |
| 318   | 162,436431 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=282, hop limit=0 (reply in 320) |
| 319   | 162,45096  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=281, hop limit=0 (request in 317) |
| 320   | 163,078974 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=282, hop limit=0 (request in 318) |
| 321   | 163,436567 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=283, hop limit=0 (reply in 322) |
| 322   | 164,103987 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=283, hop limit=0 (request in 321) |
| 323   | 164,436547 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=284, hop limit=0 (reply in 324) |
| 324   | 165,223    | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=284, hop limit=0 (request in 323) |
| 325   | 165,43643  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=285, hop limit=0 (reply in 326) |
| 326   | 166,232012 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=285, hop limit=0 (request in 325) |
| 327   | 166,436432 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=286, hop limit=0 (reply in 328) |
| 328   | 167,122023 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=286, hop limit=0 (request in 327) |
| 329   | 167,436567 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=287, hop limit=0 (reply in 330) |
| 330   | 168,346038 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=287, hop limit=0 (request in 329) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 40 m |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 331   | 168,436342 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=288, hop limit=0 (reply in 332) |
| 332   | 169,108048 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=288, hop limit=0 (request in 331) |
| 333   | 169,436596 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=289, hop limit=0 (reply in 334) |
| 334   | 170,246061 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=289, hop limit=0 (request in 333) |
| 335   | 170,436467 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=290, hop limit=0 (reply in 336) |
| 336   | 171,211073 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=290, hop limit=0 (request in 335) |
| 337   | 171,436515 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=291, hop limit=0 (reply in 338) |
| 338   | 172,245085 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=291, hop limit=0 (request in 337) |
| 339   | 172,436495 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=292, hop limit=0 (reply in 340) |
| 340   | 173,339099 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=292, hop limit=0 (request in 339) |
| 341   | 173,436412 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=293, hop limit=0 (reply in 342) |
| 342   | 174,094107 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=293, hop limit=0 (request in 341) |
| 343   | 174,436684 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=294, hop limit=0 (reply in 344) |
| 344   | 175,24012  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=294, hop limit=0 (request in 343) |
| 345   | 175,436531 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=295, hop limit=0 (reply in 346) |
| 346   | 176,097131 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=295, hop limit=0 (request in 345) |
| 347   | 176,436692 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=296, hop limit=0 (reply in 348) |
| 348   | 177,239147 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=296, hop limit=0 (request in 347) |
| 349   | 177,436563 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=297, hop limit=0 (reply in 350) |
| 350   | 178,243157 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=297, hop limit=0 (request in 349) |
| 351   | 178,436565 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=298, hop limit=0 (reply in 352) |
| 352   | 179,231171 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=298, hop limit=0 (request in 351) |
| 353   | 179,436594 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=299, hop limit=0 (reply in 355) |
| 354   | 180,44443  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=300, hop limit=0                |
| 355   | 181,269193 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=299, hop limit=0 (request in 353) |
| 356   | 181,444595 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=301, hop limit=0 (reply in 357) |
| 357   | 182,243206 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=301, hop limit=0 (request in 356) |
| 358   | 182,444646 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=302, hop limit=0 (reply in 359) |
| 359   | 183,233218 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=302, hop limit=0 (request in 358) |
| 360   | 183,444661 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=303, hop limit=0 (reply in 361) |
| 361   | 184,35623  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=303, hop limit=0 (request in 360) |
| 362   | 184,444535 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=304, hop limit=0 (reply in 363) |
| 363   | 185,237241 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=304, hop limit=0 (request in 362) |
| 364   | 185,444677 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=305, hop limit=0 (reply in 365) |
| 365   | 186,351256 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=305, hop limit=0 (request in 364) |
| 366   | 186,444564 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=306, hop limit=0 (reply in 367) |
| 367   | 187,354289 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=306, hop limit=0 (request in 366) |
| 368   | 187,444603 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=307, hop limit=0 (reply in 369) |
| 369   | 188,236253 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=307, hop limit=0 (request in 368) |
| 370   | 188,444629 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=308, hop limit=0 (reply in 372) |
| 371   | 189,452452 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=309, hop limit=0                |
| 372   | 189,619248 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=308, hop limit=0 (request in 370) |
| 373   | 190,454307 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=310, hop limit=0 (reply in 374) |
| 374   | 191,374307 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=310, hop limit=0 (request in 373) |
| 375   | 191,453628 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=311, hop limit=0 (reply in 376) |



| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 40 m |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 376   | 192,139279 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=311, hop limit=0 (request in 375) |
| 377   | 192,453778 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=312, hop limit=0 (reply in 378) |
| 378   | 193,099337 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=312, hop limit=0 (request in 377) |
| 379   | 193,45392  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=313, hop limit=0 (reply in 380) |
| 380   | 194,360352 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=313, hop limit=0 (request in 379) |
| 381   | 194,453661 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=314, hop limit=0 (reply in 382) |
| 382   | 195,252362 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=314, hop limit=0 (request in 381) |
| 383   | 195,453779 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=315, hop limit=0 (reply in 384) |
| 384   | 196,113375 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=315, hop limit=0 (request in 383) |
| 385   | 196,453937 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=316, hop limit=0 (reply in 386) |
| 386   | 197,106386 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=316, hop limit=0 (request in 385) |
| 387   | 197,45398  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=317, hop limit=0 (reply in 388) |
| 388   | 198,2344   | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=317, hop limit=0 (request in 387) |
| 389   | 198,453836 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=318, hop limit=0 (reply in 391) |
| 390   | 199,460449 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=319, hop limit=0                |
| 391   | 199,51741  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=318, hop limit=0 (request in 389) |
| 392   | 200,461557 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=320, hop limit=0 (reply in 393) |
| 393   | 201,250436 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=320, hop limit=0 (request in 392) |
| 394   | 201,460859 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=321, hop limit=0 (reply in 395) |
| 395   | 202,114446 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=321, hop limit=0 (request in 394) |
| 396   | 202,46102  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=322, hop limit=0 (reply in 397) |
| 397   | 203,364462 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=322, hop limit=0 (request in 396) |
| 398   | 203,460776 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=323, hop limit=0 (reply in 399) |
| 399   | 204,133471 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=323, hop limit=0 (request in 398) |
| 400   | 204,461025 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=324, hop limit=0 (reply in 401) |
| 401   | 205,230486 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=324, hop limit=0 (request in 400) |
| 402   | 205,460953 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=325, hop limit=0 (reply in 403) |
| 403   | 206,263495 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=325, hop limit=0 (request in 402) |
| 404   | 206,460914 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=326, hop limit=0 (reply in 405) |
| 405   | 207,133509 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=326, hop limit=0 (request in 404) |
| 406   | 207,461065 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=327, hop limit=0 (reply in 407) |
| 407   | 208,25452  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=327, hop limit=0 (request in 406) |
| 408   | 208,460947 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=328, hop limit=0 (reply in 409) |
| 409   | 209,26253  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=328, hop limit=0 (request in 408) |
| 410   | 209,460952 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=329, hop limit=0 (reply in 411) |
| 411   | 210,244543 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=329, hop limit=0 (request in 410) |
| 412   | 210,461022 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=330, hop limit=0 (reply in 413) |
| 413   | 211,351559 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=330, hop limit=0 (request in 412) |
| 414   | 211,460891 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=331, hop limit=0 (reply in 415) |
| 415   | 212,374571 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=331, hop limit=0 (request in 414) |
| 416   | 212,460883 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=332, hop limit=0 (reply in 417) |
| 417   | 213,375583 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=332, hop limit=0 (request in 416) |
| 418   | 213,460892 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=333, hop limit=0 (reply in 419) |
| 419   | 214,261568 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=333, hop limit=0 (request in 418) |
| 420   | 214,46094  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=334, hop limit=0 (reply in 421) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 40 m |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 421   | 215,398606 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=334, hop limit=0 (request in 420) |
| 422   | 215,460891 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=335, hop limit=0 (reply in 423) |
| 423   | 216,116615 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=335, hop limit=0 (request in 422) |
| 424   | 216,4612   | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=336, hop limit=0 (reply in 425) |
| 425   | 217,124631 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=336, hop limit=0 (request in 424) |
| 426   | 217,461211 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=337, hop limit=0 (reply in 427) |
| 427   | 218,253643 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=337, hop limit=0 (request in 426) |
| 428   | 218,461089 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=338, hop limit=0 (reply in 429) |
| 429   | 219,379655 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=338, hop limit=0 (request in 428) |
| 430   | 219,460961 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=339, hop limit=0 (reply in 432) |
| 431   | 220,468468 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=340, hop limit=0                |
| 432   | 220,511665 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=339, hop limit=0 (request in 430) |
| 433   | 221,469847 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=341, hop limit=0 (reply in 434) |
| 434   | 222,258689 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=341, hop limit=0 (request in 433) |
| 435   | 222,469139 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=342, hop limit=0 (reply in 436) |
| 436   | 223,244702 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=342, hop limit=0 (request in 435) |
| 437   | 223,469163 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=343, hop limit=0 (reply in 438) |
| 438   | 224,122717 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=343, hop limit=0 (request in 437) |
| 439   | 224,469298 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=344, hop limit=0 (reply in 440) |
| 440   | 225,261729 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=344, hop limit=0 (request in 439) |
| 441   | 225,469157 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=345, hop limit=0 (reply in 442) |
| 442   | 226,38274  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=345, hop limit=0 (request in 441) |
| 443   | 226,469048 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=346, hop limit=0 (reply in 444) |
| 444   | 227,261719 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=346, hop limit=0 (request in 443) |
| 445   | 227,469108 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=347, hop limit=0 (reply in 446) |
| 446   | 228,148763 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=347, hop limit=0 (request in 445) |
| 447   | 228,469307 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=348, hop limit=0 (reply in 448) |
| 448   | 229,259773 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=348, hop limit=0 (request in 447) |
| 449   | 229,469206 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=349, hop limit=0 (reply in 450) |
| 450   | 230,129786 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=349, hop limit=0 (request in 449) |
| 451   | 230,469364 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=350, hop limit=0 (reply in 452) |
| 452   | 231,136773 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=350, hop limit=0 (request in 451) |
| 453   | 231,469281 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=351, hop limit=0 (reply in 454) |
| 454   | 232,138808 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=351, hop limit=0 (request in 453) |
| 455   | 232,469381 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=352, hop limit=0 (reply in 456) |
| 456   | 233,373824 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=352, hop limit=0 (request in 455) |
| 457   | 233,469142 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=353, hop limit=0 (reply in 458) |
| 458   | 234,137832 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=353, hop limit=0 (request in 457) |
| 459   | 234,469413 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=354, hop limit=0 (reply in 460) |
| 460   | 235,247847 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=354, hop limit=0 (request in 459) |
| 461   | 235,469297 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=355, hop limit=0 (reply in 462) |
| 462   | 236,359859 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=355, hop limit=0 (request in 461) |
| 463   | 236,469192 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=356, hop limit=0 (reply in 464) |
| 464   | 237,357873 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=356, hop limit=0 (request in 463) |
| 465   | 237,469206 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=357, hop limit=0 (reply in 466) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 40 m |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 466   | 238,141883 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=357, hop limit=0 (request in 465) |
| 467   | 238,469446 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=358, hop limit=0 (reply in 468) |
| 468   | 239,264898 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=358, hop limit=0 (request in 467) |
| 469   | 239,469325 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=359, hop limit=0 (reply in 470) |
| 470   | 240,236909 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=359, hop limit=0 (request in 469) |
| 471   | 240,469368 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=360, hop limit=0 (reply in 472) |
| 472   | 241,119919 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=360, hop limit=0 (request in 471) |
| 473   | 241,469505 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=361, hop limit=0 (reply in 474) |
| 474   | 242,131931 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=361, hop limit=0 (request in 473) |
| 475   | 242,46947  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=362, hop limit=0 (reply in 476) |
| 476   | 243,256945 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=362, hop limit=0 (request in 475) |
| 477   | 243,469381 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=363, hop limit=0 (reply in 478) |
| 478   | 244,260957 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=363, hop limit=0 (request in 477) |
| 479   | 244,46939  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=364, hop limit=0 (reply in 480) |
| 480   | 245,27097  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=364, hop limit=0 (request in 479) |
| 481   | 245,46939  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=365, hop limit=0 (reply in 482) |
| 482   | 246,113979 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=365, hop limit=0 (request in 481) |
| 483   | 246,469558 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=366, hop limit=0 (reply in 484) |
| 484   | 247,278992 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=366, hop limit=0 (request in 483) |
| 485   | 247,469408 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=367, hop limit=0 (reply in 487) |
| 486   | 248,47645  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=368, hop limit=0 (reply in 488) |
| 487   | 248,496002 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=367, hop limit=0 (request in 485) |
| 488   | 249,286016 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=368, hop limit=0 (request in 486) |
| 489   | 249,476424 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=369, hop limit=0 (reply in 490) |
| 490   | 250,385031 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=369, hop limit=0 (request in 489) |
| 491   | 250,476351 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=370, hop limit=0 (reply in 492) |
| 492   | 251,14404  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=370, hop limit=0 (request in 491) |
| 493   | 251,476573 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=371, hop limit=0 (reply in 494) |
| 494   | 252,267053 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=371, hop limit=0 (request in 493) |
| 495   | 252,476498 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=372, hop limit=0 (reply in 496) |
| 496   | 253,291065 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=372, hop limit=0 (request in 495) |
| 497   | 253,476485 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=373, hop limit=0 (reply in 498) |
| 498   | 254,168077 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=373, hop limit=0 (request in 497) |
| 499   | 254,476624 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=374, hop limit=0 (reply in 501) |
| 500   | 255,484465 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=375, hop limit=0                |
| 501   | 255,527088 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=374, hop limit=0 (request in 499) |
| 502   | 256,486294 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=376, hop limit=0 (reply in 504) |
| 503   | 257,48636  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=377, hop limit=0                |
| 504   | 257,54311  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=376, hop limit=0 (request in 502) |
| 505   | 258,488284 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=378, hop limit=0 (reply in 506) |
| 506   | 259,40514  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=378, hop limit=0 (request in 505) |
| 507   | 259,48744  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=379, hop limit=0 (reply in 508) |
| 508   | 260,160149 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=379, hop limit=0 (request in 507) |
| 509   | 260,487676 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=380, hop limit=0 (reply in 510) |
| 510   | 261,169162 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=380, hop limit=0 (request in 509) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 40 m |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 511   | 261,487674 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=381, hop limit=0 (reply in 512) |
| 512   | 262,431176 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=381, hop limit=0 (request in 511) |
| 513   | 262,487455 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=382, hop limit=0 (reply in 514) |
| 514   | 263,296187 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=382, hop limit=0 (request in 513) |
| 515   | 263,487616 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=383, hop limit=0 (reply in 516) |
| 516   | 264,278199 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=383, hop limit=0 (request in 515) |
| 517   | 264,487655 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=384, hop limit=0 (reply in 518) |
| 518   | 265,138237 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=384, hop limit=0 (request in 517) |
| 519   | 265,487814 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=385, hop limit=0 (reply in 520) |
| 520   | 266,272221 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=385, hop limit=0 (request in 519) |
| 521   | 266,487655 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=386, hop limit=0 (reply in 522) |
| 522   | 267,153232 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=386, hop limit=0 (request in 521) |
| 523   | 267,487792 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=387, hop limit=0 (reply in 524) |
| 524   | 268,156245 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=387, hop limit=0 (request in 523) |
| 525   | 268,487811 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=388, hop limit=0 (reply in 526) |
| 526   | 269,394284 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=388, hop limit=0 (request in 525) |
| 527   | 269,487598 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=389, hop limit=0 (reply in 528) |
| 528   | 270,262293 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=389, hop limit=0 (request in 527) |
| 529   | 270,48774  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=390, hop limit=0 (reply in 530) |
| 530   | 271,284284 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=390, hop limit=0 (request in 529) |
| 531   | 271,487721 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=391, hop limit=0 (reply in 532) |
| 532   | 272,288296 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=391, hop limit=0 (request in 531) |
| 533   | 272,487718 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=392, hop limit=0 (reply in 534) |
| 534   | 273,392308 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=392, hop limit=0 (request in 533) |
| 535   | 273,487624 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=393, hop limit=0 (reply in 537) |
| 536   | 274,496448 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=394, hop limit=0                |
| 537   | 274,665319 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=393, hop limit=0 (request in 535) |
| 538   | 275,497387 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=395, hop limit=0 (reply in 539) |
| 539   | 276,289344 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=395, hop limit=0 (request in 538) |
| 540   | 276,496775 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=396, hop limit=0 (reply in 541) |
| 541   | 277,181355 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=396, hop limit=0 (request in 540) |
| 542   | 277,496898 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=397, hop limit=0 (reply in 543) |
| 543   | 278,145368 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=397, hop limit=0 (request in 542) |
| 544   | 278,496951 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=398, hop limit=0 (reply in 545) |
| 545   | 279,161381 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=398, hop limit=0 (request in 544) |
| 546   | 279,496946 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=399, hop limit=0 (reply in 547) |
| 547   | 280,292391 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=399, hop limit=0 (request in 546) |
| 548   | 280,496816 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=400, hop limit=0 (reply in 549) |
| 549   | 281,147404 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=400, hop limit=0 (request in 548) |
| 550   | 281,496973 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=401, hop limit=0 (reply in 551) |
| 551   | 282,168415 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=401, hop limit=0 (request in 550) |
| 552   | 282,496971 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=402, hop limit=0 (reply in 553) |
| 553   | 283,287429 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=402, hop limit=0 (request in 552) |
| 554   | 283,496871 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=403, hop limit=0 (reply in 555) |
| 555   | 284,15744  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=403, hop limit=0 (request in 554) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 40 m |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 556   | 284,497006 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=404, hop limit=0 (reply in 557) |
| 557   | 285,430453 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=404, hop limit=0 (request in 556) |
| 558   | 285,496731 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=405, hop limit=0 (reply in 559) |
| 559   | 286,162463 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=405, hop limit=0 (request in 558) |
| 560   | 286,497039 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=406, hop limit=0 (reply in 561) |
| 561   | 287,312478 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=406, hop limit=0 (request in 560) |
| 562   | 287,496909 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=407, hop limit=0 (reply in 563) |
| 563   | 288,40849  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=407, hop limit=0 (request in 562) |
| 564   | 288,496804 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=408, hop limit=0 (reply in 565) |
| 565   | 289,289501 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=408, hop limit=0 (request in 564) |
| 566   | 289,496943 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=409, hop limit=0 (reply in 567) |
| 567   | 290,179513 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=409, hop limit=0 (request in 566) |
| 568   | 290,497072 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=410, hop limit=0 (reply in 569) |
| 569   | 291,289527 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=410, hop limit=0 (request in 568) |
| 570   | 291,496974 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=411, hop limit=0 (reply in 571) |
| 571   | 292,143535 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=411, hop limit=0 (request in 570) |
| 572   | 292,497119 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=412, hop limit=0 (reply in 573) |
| 573   | 293,39755  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=412, hop limit=0 (request in 572) |
| 574   | 293,496871 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=413, hop limit=0 (reply in 575) |
| 575   | 294,296539 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=413, hop limit=0 (request in 574) |
| 576   | 294,496918 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=414, hop limit=0 (reply in 577) |
| 577   | 295,167574 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=414, hop limit=0 (request in 576) |
| 578   | 295,497142 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=415, hop limit=0 (reply in 579) |
| 579   | 296,413588 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=415, hop limit=0 (request in 578) |
| 580   | 296,49691  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=416, hop limit=0 (reply in 581) |
| 581   | 297,286599 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=416, hop limit=0 (request in 580) |
| 582   | 297,497036 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=417, hop limit=0 (reply in 584) |
| 583   | 298,504447 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=418, hop limit=0                |
| 584   | 298,54663  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=417, hop limit=0 (request in 582) |
| 585   | 299,505836 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=419, hop limit=0 (reply in 586) |
| 586   | 300,274635 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=419, hop limit=0 (request in 585) |
| 587   | 300,506098 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=420, hop limit=0 (reply in 588) |
| 588   | 301,169625 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=420, hop limit=0 (request in 587) |
| 589   | 301,506158 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=421, hop limit=0 (reply in 590) |
| 590   | 302,170632 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x10c0, seq=421, hop limit=0 (request in 589) |
| 591   | 302,506156 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x10c0, seq=422, hop limit=0                |

**Tabla 27. Test para el nodo 7 con 6Lowpan a 10 m con LPL de 1024 ms, paquete de 120 B y con enrutamiento estático**

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 10 m 120 Bytes |      |           |             |          |        |  |
|---|------|-----------|-------------|----------|--------|--|
| No.   | Time | Source    | Destination | Protocol | Length | Info   |
| 1   | 0    | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=163, hop limit=0 (reply in 2) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 10 m 120 Bytes |           |           |             |          |        |   |
|---|-----------|-----------|-------------|----------|--------|---|
| No.   | Time      | Source    | Destination | Protocol | Length | Info  |
| 2   | 0,450016  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=163, hop limit=0 (request in 1)  |
| 3   | 0,999734  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=164, hop limit=0 (reply in 4)  |
| 4   | 1,577054  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=164, hop limit=0 (request in 3)  |
| 5   | 1,999668  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=165, hop limit=0 (reply in 6)  |
| 6   | 2,701069  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=165, hop limit=0 (request in 5)  |
| 7   | 2,999579  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=166, hop limit=0 (reply in 8)  |
| 8   | 3,828082  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=166, hop limit=0 (request in 7)  |
| 9   | 3,999433  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=167, hop limit=0 (reply in 10) |
| 10  | 4,955102  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=167, hop limit=0 (request in 9)  |
| 11  | 4,999357  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=168, hop limit=0 (reply in 12) |
| 12  | 5,061091  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=168, hop limit=0 (request in 11) |
| 13  | 6,001215  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=169, hop limit=0 (reply in 14) |
| 14  | 6,193113  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=169, hop limit=0 (request in 13) |
| 15  | 7,001147  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=170, hop limit=0 (reply in 16) |
| 16  | 7,321125  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=170, hop limit=0 (request in 15) |
| 17  | 8,000966  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=171, hop limit=0 (reply in 18) |
| 18  | 8,451119  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=171, hop limit=0 (request in 17) |
| 19  | 9,000812  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=172, hop limit=0 (reply in 20) |
| 20  | 9,577158  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=172, hop limit=0 (request in 19) |
| 21  | 10,000779 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=173, hop limit=0 (reply in 22) |
| 22  | 10,704171 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=173, hop limit=0 (request in 21) |
| 23  | 11,000649 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=174, hop limit=0 (reply in 24) |
| 24  | 11,827181 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=174, hop limit=0 (request in 23) |
| 25  | 12,000567 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=175, hop limit=0 (reply in 26) |
| 26  | 12,963201 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=175, hop limit=0 (request in 25) |
| 27  | 13,000466 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=176, hop limit=0 (reply in 28) |
| 28  | 13,062195 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=176, hop limit=0 (request in 27) |
| 29  | 14,00231  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=177, hop limit=0               |
| 30  | 15,001881 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=178, hop limit=0 (reply in 31) |
| 31  | 15,208221 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=178, hop limit=0 (request in 30) |
| 32  | 16,001921 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=179, hop limit=0 (reply in 33) |
| 33  | 16,337207 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=179, hop limit=0 (request in 32) |
| 34  | 17,001897 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=180, hop limit=0               |
| 35  | 18,001911 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=181, hop limit=0 (reply in 36) |
| 36  | 18,47326  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=181, hop limit=0 (request in 35) |
| 37  | 19,001901 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=182, hop limit=0 (reply in 38) |
| 38  | 19,602251 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=182, hop limit=0 (request in 37) |
| 39  | 20,001883 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=183, hop limit=0 (reply in 40) |
| 40  | 20,729287 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=183, hop limit=0 (request in 39) |
| 41  | 21,001749 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=184, hop limit=0 (reply in 42) |
| 42  | 21,859308 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=184, hop limit=0 (request in 41) |
| 43  | 22,001685 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=185, hop limit=0 (reply in 44) |
| 44  | 22,987315 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=185, hop limit=0 (request in 43) |
| 45  | 23,001585 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=186, hop limit=0 (reply in 46) |
| 46  | 23,062308 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=186, hop limit=0 (request in 45) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 10 m 120 Bytes |           |           |             |          |        |   |
|---|-----------|-----------|-------------|----------|--------|---|
| No.   | Time      | Source    | Destination | Protocol | Length | Info  |
| 47  | 24,003474 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=187, hop limit=0 (reply in 48) |
| 48  | 24,195327 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=187, hop limit=0 (request in 47) |
| 49  | 25,003332 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=188, hop limit=0 (reply in 50) |
| 50  | 25,321326 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=188, hop limit=0 (request in 49) |
| 51  | 26,003183 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=189, hop limit=0 (reply in 52) |
| 52  | 26,450342 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=189, hop limit=0 (request in 51) |
| 53  | 27,0031   | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=190, hop limit=0 (reply in 54) |
| 54  | 27,57837  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=190, hop limit=0 (request in 53) |
| 55  | 28,002997 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=191, hop limit=0 (reply in 56) |
| 56  | 28,703392 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=191, hop limit=0 (request in 55) |
| 57  | 29,00289  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=192, hop limit=0 (reply in 58) |
| 58  | 29,831398 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=192, hop limit=0 (request in 57) |
| 59  | 30,002798 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=193, hop limit=0 (reply in 60) |
| 60  | 30,962411 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=193, hop limit=0 (request in 59) |
| 61  | 31,002634 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=194, hop limit=0 (reply in 62) |
| 62  | 31,064398 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=194, hop limit=0 (request in 61) |
| 63  | 32,00448  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=195, hop limit=0               |
| 64  | 33,011985 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=196, hop limit=0 (reply in 65) |
| 65  | 33,208435 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=196, hop limit=0 (request in 64) |
| 66  | 34,012441 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=197, hop limit=0 (reply in 67) |
| 67  | 34,33143  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=197, hop limit=0 (request in 66) |
| 68  | 35,012263 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=198, hop limit=0 (reply in 69) |
| 69  | 35,460472 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=198, hop limit=0 (request in 68) |
| 70  | 36,011956 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=199, hop limit=0 (reply in 71) |
| 71  | 36,587486 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=199, hop limit=0 (request in 70) |
| 72  | 37,012104 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=200, hop limit=0 (reply in 73) |
| 73  | 37,714497 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=200, hop limit=0 (request in 72) |
| 74  | 38,011744 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=201, hop limit=0 (reply in 75) |
| 75  | 38,838483 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=201, hop limit=0 (request in 74) |
| 76  | 39,011875 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=202, hop limit=0 (reply in 77) |
| 77  | 39,96552  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=202, hop limit=0 (request in 76) |
| 78  | 40,011802 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=203, hop limit=0 (reply in 79) |
| 79  | 40,072519 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=203, hop limit=0 (request in 78) |
| 80  | 41,013664 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=204, hop limit=0 (reply in 81) |
| 81  | 41,207531 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=204, hop limit=0 (request in 80) |
| 82  | 42,013556 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=205, hop limit=0 (reply in 83) |
| 83  | 42,334534 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=205, hop limit=0 (request in 82) |
| 84  | 43,013447 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=206, hop limit=0 (reply in 85) |
| 85  | 43,463562 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=206, hop limit=0 (request in 84) |
| 86  | 44,013341 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=207, hop limit=0 (reply in 87) |
| 87  | 44,589584 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=207, hop limit=0 (request in 86) |
| 88  | 45,01319  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=208, hop limit=0 (reply in 89) |
| 89  | 45,715595 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=208, hop limit=0 (request in 88) |
| 90  | 46,01309  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=209, hop limit=0 (reply in 91) |
| 91  | 46,843603 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=209, hop limit=0 (request in 90) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 10 m 120 Bytes |           |           |             |          |        |  |
|---|-----------|-----------|-------------|----------|--------|--|
| No.   | Time      | Source    | Destination | Protocol | Length | Info   |
| 92  | 47,012997 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=210, hop limit=0 (reply in 93)  |
| 93  | 47,970623 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=210, hop limit=0 (request in 92)  |
| 94  | 48,012914 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=211, hop limit=0 (reply in 95)  |
| 95  | 48,074621 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=211, hop limit=0 (request in 94)  |
| 96  | 49,014769 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=212, hop limit=0 (reply in 97)  |
| 97  | 49,208628 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=212, hop limit=0 (request in 96)  |
| 98  | 50,014175 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=213, hop limit=0 (reply in 99)  |
| 99  | 50,33262  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=213, hop limit=0 (request in 98)  |
| 100   | 51,014435 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=214, hop limit=0 (reply in 101) |
| 101   | 51,459645 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=214, hop limit=0 (request in 100) |
| 102   | 52,014386 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=215, hop limit=0 (reply in 103) |
| 103   | 52,588673 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=215, hop limit=0 (request in 102) |
| 104   | 53,013871 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=216, hop limit=0 (reply in 105) |
| 105   | 53,714685 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=216, hop limit=0 (request in 104) |
| 106   | 54,013858 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=217, hop limit=0 (reply in 107) |
| 107   | 54,8417   | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=217, hop limit=0 (request in 106) |
| 108   | 55,013125 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=218, hop limit=0 (reply in 109) |
| 109   | 55,971713 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=218, hop limit=0 (request in 108) |
| 110   | 56,013006 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=219, hop limit=0 (reply in 111) |
| 111   | 56,073709 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=219, hop limit=0 (request in 110) |
| 112   | 57,014342 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=220, hop limit=0                |
| 113   | 58,013913 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=221, hop limit=0 (reply in 114) |
| 114   | 58,220745 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=221, hop limit=0 (request in 113) |
| 115   | 59,014759 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=222, hop limit=0 (reply in 116) |
| 116   | 59,345751 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=222, hop limit=0 (request in 115) |
| 117   | 60,014332 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=223, hop limit=0 (reply in 118) |
| 118   | 60,473757 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=223, hop limit=0 (request in 117) |
| 119   | 61,014507 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=224, hop limit=0 (reply in 120) |
| 120   | 61,601801 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=224, hop limit=0 (request in 119) |
| 121   | 62,014412 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=225, hop limit=0 (reply in 122) |
| 122   | 62,730802 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=225, hop limit=0 (request in 121) |
| 123   | 63,014283 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=226, hop limit=0 (reply in 124) |
| 124   | 63,85782  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=226, hop limit=0 (request in 123) |
| 125   | 64,014175 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=227, hop limit=0 (reply in 126) |
| 126   | 64,983822 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=227, hop limit=0 (request in 125) |
| 127   | 65,014095 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=228, hop limit=0 (reply in 128) |
| 128   | 65,074822 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=228, hop limit=0 (request in 127) |
| 129   | 66,015985 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=229, hop limit=0                |
| 130   | 67,023993 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=230, hop limit=0 (reply in 131) |
| 131   | 67,217861 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=230, hop limit=0 (request in 130) |
| 132   | 68,023868 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=231, hop limit=0 (reply in 133) |
| 133   | 68,342866 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=231, hop limit=0 (request in 132) |
| 134   | 69,023727 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=232, hop limit=0 (reply in 135) |
| 135   | 69,470861 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=232, hop limit=0 (request in 134) |
| 136   | 70,023537 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=233, hop limit=0 (reply in 137) |



| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 10 m 120 Bytes |           |           |             |          |        |  |
|---|-----------|-----------|-------------|----------|--------|--|
| No.   | Time      | Source    | Destination | Protocol | Length | Info   |
| 137   | 70,597849 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=233, hop limit=0 (request in 136) |
| 138   | 71,023443 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=234, hop limit=0 (reply in 139) |
| 139   | 71,726909 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=234, hop limit=0 (request in 138) |
| 140   | 72,023431 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=235, hop limit=0 (reply in 141) |
| 141   | 72,855923 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=235, hop limit=0 (request in 140) |
| 142   | 73,023318 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=236, hop limit=0 (reply in 143) |
| 143   | 73,98194  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=236, hop limit=0 (request in 142) |
| 144   | 74,023193 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=237, hop limit=0 (reply in 145) |
| 145   | 74,083935 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=237, hop limit=0 (request in 144) |
| 146   | 75,025096 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=238, hop limit=0                |
| 147   | 76,032004 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=239, hop limit=0                |
| 148   | 77,039998 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=240, hop limit=0                |
| 149   | 78,04799  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=241, hop limit=0 (reply in 150) |
| 150   | 78,251987 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=241, hop limit=0 (request in 149) |
| 151   | 79,048004 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=242, hop limit=0 (reply in 152) |
| 152   | 79,376996 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=242, hop limit=0 (request in 151) |
| 153   | 80,047851 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=243, hop limit=0 (reply in 154) |
| 154   | 80,511011 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=243, hop limit=0 (request in 153) |
| 155   | 81,047772 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=244, hop limit=0                |
| 156   | 82,055993 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=245, hop limit=0 (reply in 157) |
| 157   | 82,645037 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=245, hop limit=0 (request in 156) |
| 158   | 83,055673 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=246, hop limit=0 (reply in 159) |
| 159   | 83,773056 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=246, hop limit=0 (request in 158) |
| 160   | 84,055526 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=247, hop limit=0 (reply in 161) |
| 161   | 84,902063 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=247, hop limit=0 (request in 160) |
| 162   | 85,055436 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=248, hop limit=0 (reply in 163) |
| 163   | 86,038055 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=248, hop limit=0 (request in 162) |
| 164   | 86,055306 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=249, hop limit=0 (reply in 165) |
| 165   | 86,116085 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=249, hop limit=0 (request in 164) |
| 166   | 87,057252 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=250, hop limit=0                |
| 167   | 88,063995 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=251, hop limit=0 (reply in 168) |
| 168   | 88,262099 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=251, hop limit=0 (request in 167) |
| 169   | 89,064126 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=252, hop limit=0 (reply in 170) |
| 170   | 89,385117 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=252, hop limit=0 (request in 169) |
| 171   | 90,064025 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=253, hop limit=0 (reply in 172) |
| 172   | 90,511132 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=253, hop limit=0 (request in 171) |
| 173   | 91,063888 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=254, hop limit=0 (reply in 174) |
| 174   | 91,637145 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=254, hop limit=0 (request in 173) |
| 175   | 92,063741 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=255, hop limit=0                |
| 176   | 93,072    | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=256, hop limit=0 (reply in 177) |
| 177   | 93,773177 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=256, hop limit=0 (request in 176) |
| 178   | 94,071677 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=257, hop limit=0 (reply in 179) |
| 179   | 94,900183 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=257, hop limit=0 (request in 178) |
| 180   | 95,071586 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=258, hop limit=0 (reply in 181) |
| 181   | 96,030203 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=258, hop limit=0 (request in 180) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 10 m 120 Bytes |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 182   | 96,071498  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=259, hop limit=0 (reply in 183) |
| 183   | 96,132202  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=259, hop limit=0 (request in 182) |
| 184   | 97,073352  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=260, hop limit=0 (reply in 185) |
| 185   | 97,265211  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=260, hop limit=0 (request in 184) |
| 186   | 98,073227  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=261, hop limit=0 (reply in 187) |
| 187   | 98,390234  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=261, hop limit=0 (request in 186) |
| 188   | 99,073107  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=262, hop limit=0 (reply in 189) |
| 189   | 99,517226  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=262, hop limit=0 (request in 188) |
| 190   | 100,072917 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=263, hop limit=0                |
| 191   | 101,080021 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=264, hop limit=0                |
| 192   | 102,088014 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=265, hop limit=0 (reply in 193) |
| 193   | 102,673285 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=265, hop limit=0 (request in 192) |
| 194   | 103,087933 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=266, hop limit=0 (reply in 195) |
| 195   | 103,798268 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=266, hop limit=0 (request in 194) |
| 196   | 104,087758 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=267, hop limit=0 (reply in 197) |
| 197   | 104,929306 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=267, hop limit=0 (request in 196) |
| 198   | 105,087653 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=268, hop limit=0 (reply in 199) |
| 199   | 106,05832  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=268, hop limit=0 (request in 198) |
| 200   | 106,087592 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=269, hop limit=0 (reply in 201) |
| 201   | 106,149308 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=269, hop limit=0 (request in 200) |
| 202   | 107,088851 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=270, hop limit=0                |
| 203   | 108,095974 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=271, hop limit=0 (reply in 204) |
| 204   | 108,29434  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=271, hop limit=0 (request in 203) |
| 205   | 109,096357 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=272, hop limit=0 (reply in 206) |
| 206   | 109,429357 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=272, hop limit=0 (request in 205) |
| 207   | 110,096196 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=273, hop limit=0 (reply in 208) |
| 208   | 110,554371 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=273, hop limit=0 (request in 207) |
| 209   | 111,096109 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=274, hop limit=0 (reply in 210) |
| 210   | 111,68239  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=274, hop limit=0 (request in 209) |
| 211   | 112,096033 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=275, hop limit=0 (reply in 212) |
| 212   | 112,807406 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=275, hop limit=0 (request in 211) |
| 213   | 113,095925 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=276, hop limit=0                |
| 214   | 114,104018 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=277, hop limit=0 (reply in 215) |
| 215   | 114,945431 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=277, hop limit=0 (request in 214) |
| 216   | 115,10382  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=278, hop limit=0                |
| 217   | 116,111991 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=279, hop limit=0 (reply in 218) |
| 218   | 117,082429 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=279, hop limit=0 (request in 217) |
| 219   | 117,111669 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=280, hop limit=0 (reply in 220) |
| 220   | 117,173458 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=280, hop limit=0 (request in 219) |
| 221   | 118,113626 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=281, hop limit=0 (reply in 222) |
| 222   | 118,308472 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=281, hop limit=0 (request in 221) |
| 223   | 119,113517 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=282, hop limit=0 (reply in 224) |
| 224   | 119,434485 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=282, hop limit=0 (request in 223) |
| 225   | 120,113395 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=283, hop limit=0 (reply in 226) |
| 226   | 120,561496 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=283, hop limit=0 (request in 225) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 10 m 120 Bytes |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 227   | 121,113248 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=284, hop limit=0 (reply in 228) |
| 228   | 121,685508 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=284, hop limit=0 (request in 227) |
| 229   | 122,113165 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=285, hop limit=0 (reply in 230) |
| 230   | 122,811529 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=285, hop limit=0 (request in 229) |
| 231   | 123,113033 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=286, hop limit=0 (reply in 232) |
| 232   | 123,946491 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=286, hop limit=0 (request in 231) |
| 233   | 124,112789 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=287, hop limit=0 (reply in 234) |
| 234   | 125,071557 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=287, hop limit=0 (request in 233) |
| 235   | 125,112849 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=288, hop limit=0 (reply in 236) |
| 236   | 125,174553 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=288, hop limit=0 (request in 235) |
| 237   | 126,114657 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=289, hop limit=0 (reply in 238) |
| 238   | 126,306541 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=289, hop limit=0 (request in 237) |
| 239   | 127,115478 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=290, hop limit=0 (reply in 240) |
| 240   | 127,434586 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=290, hop limit=0 (request in 239) |
| 241   | 128,115466 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=291, hop limit=0 (reply in 242) |
| 242   | 128,562546 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=291, hop limit=0 (request in 241) |
| 243   | 129,11527  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=292, hop limit=0 (reply in 244) |
| 244   | 129,690606 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=292, hop limit=0 (request in 243) |
| 245   | 130,115225 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=293, hop limit=0 (reply in 246) |
| 246   | 130,817625 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=293, hop limit=0 (request in 245) |
| 247   | 131,115163 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=294, hop limit=0                |
| 248   | 132,124028 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=295, hop limit=0 (reply in 249) |
| 249   | 132,962647 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=295, hop limit=0 (request in 248) |
| 250   | 133,124028 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=296, hop limit=0 (reply in 251) |
| 251   | 134,096663 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=296, hop limit=0 (request in 250) |
| 252   | 134,123911 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=297, hop limit=0 (reply in 253) |
| 253   | 134,184669 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=297, hop limit=0 (request in 252) |
| 254   | 135,125856 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=298, hop limit=0 (reply in 255) |
| 255   | 135,319658 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=298, hop limit=0 (request in 254) |
| 256   | 136,125902 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=299, hop limit=0 (reply in 257) |
| 257   | 136,447672 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=299, hop limit=0 (request in 256) |
| 258   | 137,126497 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=300, hop limit=0 (reply in 259) |
| 259   | 137,573682 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=300, hop limit=0 (request in 258) |
| 260   | 138,125908 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=301, hop limit=0                |
| 261   | 139,125873 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=302, hop limit=0 (reply in 262) |
| 262   | 139,712727 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=302, hop limit=0 (request in 261) |
| 263   | 140,125331 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=303, hop limit=0 (reply in 264) |
| 264   | 140,838748 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=303, hop limit=0 (request in 263) |
| 265   | 141,125244 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=304, hop limit=0 (reply in 266) |
| 266   | 141,968783 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=304, hop limit=0 (request in 265) |
| 267   | 142,125164 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=305, hop limit=0 (reply in 268) |
| 268   | 143,091776 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=305, hop limit=0 (request in 267) |
| 269   | 143,125033 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=306, hop limit=0 (reply in 270) |
| 270   | 143,185774 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=306, hop limit=0 (request in 269) |
| 271   | 144,126911 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=307, hop limit=0 (reply in 272) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 10 m 120 Bytes |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 272   | 144,319761 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=307, hop limit=0 (request in 271) |
| 273   | 145,127697 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=308, hop limit=0 (reply in 274) |
| 274   | 145,448797 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=308, hop limit=0 (request in 273) |
| 275   | 146,127711 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=309, hop limit=0 (reply in 276) |
| 276   | 146,57481  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=309, hop limit=0 (request in 275) |
| 277   | 147,127538 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=310, hop limit=0 (reply in 278) |
| 278   | 147,702829 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=310, hop limit=0 (request in 277) |
| 279   | 148,12745  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=311, hop limit=0 (reply in 280) |
| 280   | 148,830837 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=311, hop limit=0 (request in 279) |
| 281   | 149,127356 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=312, hop limit=0 (reply in 282) |
| 282   | 149,956849 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=312, hop limit=0 (request in 281) |
| 283   | 150,127207 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=313, hop limit=0 (reply in 284) |
| 284   | 151,09287  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=313, hop limit=0 (request in 283) |
| 285   | 151,12714  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=314, hop limit=0 (reply in 286) |
| 286   | 151,188861 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=314, hop limit=0 (request in 285) |
| 287   | 152,12884  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=315, hop limit=0 (reply in 288) |
| 288   | 152,322865 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=315, hop limit=0 (request in 287) |
| 289   | 153,128853 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=316, hop limit=0 (reply in 290) |
| 290   | 153,457883 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=316, hop limit=0 (request in 289) |
| 291   | 154,128749 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=317, hop limit=0                |
| 292   | 155,135943 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=318, hop limit=0 (reply in 293) |
| 293   | 155,592924 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=318, hop limit=0 (request in 292) |
| 294   | 156,135665 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=319, hop limit=0 (reply in 295) |
| 295   | 156,721904 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=319, hop limit=0 (request in 294) |
| 296   | 157,135492 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=320, hop limit=0 (reply in 297) |
| 297   | 157,847952 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=320, hop limit=0 (request in 296) |
| 298   | 158,135467 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=321, hop limit=0 (reply in 299) |
| 299   | 158,973936 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=321, hop limit=0 (request in 298) |
| 300   | 159,13532  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=322, hop limit=0 (reply in 301) |
| 301   | 160,101982 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=322, hop limit=0 (request in 300) |
| 302   | 160,135268 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=323, hop limit=0 (reply in 303) |
| 303   | 160,196973 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=323, hop limit=0 (request in 302) |
| 304   | 161,136099 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=324, hop limit=0                |
| 305   | 162,144032 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=325, hop limit=0                |
| 306   | 163,152    | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=326, hop limit=0 (reply in 307) |
| 307   | 163,352016 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=326, hop limit=0 (request in 306) |
| 308   | 164,152011 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=327, hop limit=0                |
| 309   | 165,160052 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=328, hop limit=0 (reply in 310) |
| 310   | 165,493037 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=328, hop limit=0 (request in 309) |
| 311   | 166,159904 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=329, hop limit=0 (reply in 312) |
| 312   | 166,619054 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=329, hop limit=0 (request in 311) |
| 313   | 167,159769 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=330, hop limit=0                |
| 314   | 168,168024 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=331, hop limit=0                |
| 315   | 169,175975 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=332, hop limit=0 (reply in 316) |
| 316   | 169,774067 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=332, hop limit=0 (request in 315) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 10 m 120 Bytes |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 317   | 170,175457 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=333, hop limit=0 (reply in 318) |
| 318   | 170,904104 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=333, hop limit=0 (request in 317) |
| 319   | 171,175569 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=334, hop limit=0 (reply in 320) |
| 320   | 172,032118 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=334, hop limit=0 (request in 319) |
| 321   | 172,175485 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=335, hop limit=0 (reply in 322) |
| 322   | 173,164138 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=335, hop limit=0 (request in 321) |
| 323   | 173,1754   | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=336, hop limit=0 (reply in 324) |
| 324   | 173,235132 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=336, hop limit=0 (request in 323) |
| 325   | 174,17627  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=337, hop limit=0                |
| 326   | 175,183974 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=338, hop limit=0 (reply in 327) |
| 327   | 175,377841 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=338, hop limit=0 (request in 326) |
| 328   | 176,183852 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=339, hop limit=0 (reply in 329) |
| 329   | 176,494158 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=339, hop limit=0 (request in 328) |
| 330   | 177,183993 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=340, hop limit=0 (reply in 331) |
| 331   | 177,622163 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=340, hop limit=0 (request in 330) |
| 332   | 178,18395  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=341, hop limit=0 (reply in 333) |
| 333   | 178,749206 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=341, hop limit=0 (request in 332) |
| 334   | 179,18387  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=342, hop limit=0 (reply in 335) |
| 335   | 179,874189 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=342, hop limit=0 (request in 334) |
| 336   | 180,18372  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=343, hop limit=0 (reply in 337) |
| 337   | 181,003228 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=343, hop limit=0 (request in 336) |
| 338   | 181,183605 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=344, hop limit=0 (reply in 339) |
| 339   | 182,128246 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=344, hop limit=0 (request in 338) |
| 340   | 182,183535 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=345, hop limit=0                |
| 341   | 183,192017 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=346, hop limit=0 (reply in 342) |
| 342   | 183,256251 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=346, hop limit=0 (request in 341) |
| 343   | 184,192343 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=347, hop limit=0 (reply in 344) |
| 344   | 184,384251 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=347, hop limit=0 (request in 343) |
| 345   | 185,192922 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=348, hop limit=0 (reply in 346) |
| 346   | 185,512284 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=348, hop limit=0 (request in 345) |
| 347   | 186,194184 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=349, hop limit=0 (reply in 348) |
| 348   | 186,640302 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=349, hop limit=0 (request in 347) |
| 349   | 187,195117 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=350, hop limit=0 (reply in 350) |
| 350   | 187,767294 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=350, hop limit=0 (request in 349) |
| 351   | 188,195902 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=351, hop limit=0 (reply in 352) |
| 352   | 188,895329 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=351, hop limit=0 (request in 351) |
| 353   | 189,19676  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=352, hop limit=0                |
| 354   | 190,204002 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=353, hop limit=0 (reply in 355) |
| 355   | 191,039348 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=353, hop limit=0 (request in 354) |
| 356   | 191,204729 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=354, hop limit=0 (reply in 357) |
| 357   | 192,168368 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=354, hop limit=0 (request in 356) |
| 358   | 192,205652 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=355, hop limit=0 (reply in 359) |
| 359   | 192,266361 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=355, hop limit=0 (request in 358) |
| 360   | 193,207484 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=356, hop limit=0                |
| 361   | 194,215975 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=357, hop limit=0 (reply in 362) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 10 m 120 Bytes |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 362   | 194,401392 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=357, hop limit=0 (request in 361) |
| 363   | 195,21743  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=358, hop limit=0 (reply in 364) |
| 364   | 195,527402 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=358, hop limit=0 (request in 363) |
| 365   | 196,217874 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=359, hop limit=0 (reply in 366) |
| 366   | 196,65439  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=359, hop limit=0 (request in 365) |
| 367   | 197,219138 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=360, hop limit=0 (reply in 368) |
| 368   | 197,780437 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=360, hop limit=0 (request in 367) |
| 369   | 198,220078 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=361, hop limit=0 (reply in 370) |
| 370   | 198,908426 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=361, hop limit=0 (request in 369) |
| 371   | 199,220914 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=362, hop limit=0 (reply in 372) |
| 372   | 200,035464 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=362, hop limit=0 (request in 371) |
| 373   | 200,221849 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=363, hop limit=0                |
| 374   | 201,22589  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=364, hop limit=0 (reply in 375) |
| 375   | 202,180468 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=364, hop limit=0 (request in 374) |
| 376   | 202,226659 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=365, hop limit=0 (reply in 377) |
| 377   | 202,287468 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=365, hop limit=0 (request in 376) |
| 378   | 203,228517 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=366, hop limit=0                |
| 379   | 204,235973 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=367, hop limit=0 (reply in 380) |
| 380   | 204,427514 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=367, hop limit=0 (request in 379) |
| 381   | 205,237553 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=368, hop limit=0 (reply in 382) |
| 382   | 205,556521 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=368, hop limit=0 (request in 381) |
| 383   | 206,237899 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=369, hop limit=0 (reply in 384) |
| 384   | 206,683512 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=369, hop limit=0 (request in 383) |
| 385   | 207,239243 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=370, hop limit=0 (reply in 386) |
| 386   | 207,817532 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=370, hop limit=0 (request in 385) |
| 387   | 208,240132 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=371, hop limit=0 (reply in 388) |
| 388   | 208,950541 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=371, hop limit=0 (request in 387) |
| 389   | 209,241054 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=372, hop limit=0 (reply in 390) |
| 390   | 210,076559 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=372, hop limit=0 (request in 389) |
| 391   | 210,24191  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=373, hop limit=0 (reply in 392) |
| 392   | 211,20159  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=373, hop limit=0 (request in 391) |
| 393   | 211,241886 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=374, hop limit=0 (reply in 394) |
| 394   | 211,303597 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=374, hop limit=0 (request in 393) |
| 395   | 212,243731 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=375, hop limit=0                |
| 396   | 213,252006 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=376, hop limit=0 (reply in 397) |
| 397   | 213,438593 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=376, hop limit=0 (request in 396) |
| 398   | 214,25363  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=377, hop limit=0 (reply in 399) |
| 399   | 214,56163  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=377, hop limit=0 (request in 398) |
| 400   | 215,253857 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=378, hop limit=0 (reply in 401) |
| 401   | 215,688845 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=378, hop limit=0 (request in 400) |
| 402   | 216,254638 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=379, hop limit=0 (reply in 403) |
| 403   | 216,815662 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=379, hop limit=0 (request in 402) |
| 404   | 217,255296 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=380, hop limit=0 (reply in 405) |
| 405   | 217,945679 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=380, hop limit=0 (request in 404) |
| 406   | 218,2562   | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=381, hop limit=0 (reply in 407) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 10 m 120 Bytes |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 407   | 219,079692 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=381, hop limit=0 (request in 406) |
| 408   | 219,257096 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=382, hop limit=0 (reply in 409) |
| 409   | 220,214708 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=382, hop limit=0 (request in 408) |
| 410   | 220,256964 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=383, hop limit=0 (reply in 411) |
| 411   | 220,317704 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=383, hop limit=0 (request in 410) |
| 412   | 221,258378 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=384, hop limit=0                |
| 413   | 222,257901 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=385, hop limit=0 (reply in 414) |
| 414   | 222,463732 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=385, hop limit=0 (request in 413) |
| 415   | 223,259279 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=386, hop limit=0 (reply in 416) |
| 416   | 223,589742 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=386, hop limit=0 (request in 415) |
| 417   | 224,260575 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=387, hop limit=0                |
| 418   | 225,268028 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=388, hop limit=0 (reply in 419) |
| 419   | 225,734767 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=388, hop limit=0 (request in 418) |
| 420   | 226,269492 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=389, hop limit=0 (reply in 421) |
| 421   | 226,858781 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=389, hop limit=0 (request in 420) |
| 422   | 227,270376 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=390, hop limit=0 (reply in 423) |
| 423   | 227,984781 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=390, hop limit=0 (request in 422) |
| 424   | 228,271214 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=391, hop limit=0 (reply in 425) |
| 425   | 229,120809 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=391, hop limit=0 (request in 424) |
| 426   | 229,272178 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=392, hop limit=0 (reply in 427) |
| 427   | 230,255828 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=392, hop limit=0 (request in 426) |
| 428   | 230,272103 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=393, hop limit=0 (reply in 429) |
| 429   | 230,333836 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=393, hop limit=0 (request in 428) |
| 430   | 231,273965 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=394, hop limit=0 (reply in 431) |
| 431   | 231,468807 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=394, hop limit=0 (request in 430) |
| 432   | 232,275786 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=395, hop limit=0 (reply in 433) |
| 433   | 232,592836 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=395, hop limit=0 (request in 432) |
| 434   | 233,276663 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=396, hop limit=0                |
| 435   | 234,284002 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=397, hop limit=0 (reply in 436) |
| 436   | 234,737895 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=397, hop limit=0 (request in 435) |
| 437   | 235,284664 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=398, hop limit=0                |
| 438   | 236,292053 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=399, hop limit=0 (reply in 439) |
| 439   | 236,874909 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=399, hop limit=0 (request in 438) |
| 440   | 237,292556 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=400, hop limit=0 (reply in 441) |
| 441   | 238,010917 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=400, hop limit=0 (request in 440) |
| 442   | 238,293397 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=401, hop limit=0 (reply in 443) |
| 443   | 239,13593  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=401, hop limit=0 (request in 442) |
| 444   | 239,294306 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=402, hop limit=0                |
| 445   | 240,293925 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=403, hop limit=0 (reply in 446) |
| 446   | 241,279962 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=403, hop limit=0 (request in 445) |
| 447   | 241,293235 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=404, hop limit=0 (reply in 448) |
| 448   | 241,353965 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=404, hop limit=0 (request in 447) |
| 449   | 242,295135 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=405, hop limit=0                |
| 450   | 243,304001 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=406, hop limit=0 (reply in 451) |
| 451   | 243,489985 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=406, hop limit=0 (request in 450) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 10 m 120 Bytes |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 452   | 244,305008 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=407, hop limit=0 (reply in 453) |
| 453   | 244,622992 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=407, hop limit=0 (request in 452) |
| 454   | 245,30587  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=408, hop limit=0 (reply in 455) |
| 455   | 245,752997 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=408, hop limit=0 (request in 454) |
| 456   | 246,306742 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=409, hop limit=0 (reply in 457) |
| 457   | 246,878004 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=409, hop limit=0 (request in 456) |
| 458   | 247,307612 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=410, hop limit=0                |
| 459   | 248,316003 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=411, hop limit=0 (reply in 460) |
| 460   | 249,02505  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=411, hop limit=0 (request in 459) |
| 461   | 249,316562 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=412, hop limit=0                |
| 462   | 250,324024 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=413, hop limit=0 (reply in 463) |
| 463   | 251,169081 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=413, hop limit=0 (request in 462) |
| 464   | 251,324425 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=414, hop limit=0 (reply in 465) |
| 465   | 252,306097 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=414, hop limit=0 (request in 464) |
| 466   | 252,324367 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=415, hop limit=0 (reply in 467) |
| 467   | 252,384099 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=415, hop limit=0 (request in 466) |
| 468   | 253,326271 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=416, hop limit=0                |
| 469   | 254,325919 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=417, hop limit=0                |
| 470   | 255,325909 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=418, hop limit=0                |
| 471   | 256,325909 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=419, hop limit=0 (reply in 472) |
| 472   | 256,551138 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=419, hop limit=0 (request in 471) |
| 473   | 257,327111 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=420, hop limit=0                |
| 474   | 258,335944 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=421, hop limit=0 (reply in 475) |
| 475   | 258,69414  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=421, hop limit=0 (request in 474) |
| 476   | 259,336991 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=422, hop limit=0 (reply in 477) |
| 477   | 259,819178 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=422, hop limit=0 (request in 476) |
| 478   | 260,337902 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=423, hop limit=0 (reply in 479) |
| 479   | 260,951176 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=423, hop limit=0 (request in 478) |
| 480   | 261,338757 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=424, hop limit=0 (reply in 481) |
| 481   | 262,074185 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=424, hop limit=0 (request in 480) |
| 482   | 262,339643 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=425, hop limit=0 (reply in 483) |
| 483   | 263,19922  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=425, hop limit=0 (request in 482) |
| 484   | 263,339555 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=426, hop limit=0 (reply in 485) |
| 485   | 264,32322  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=426, hop limit=0 (request in 484) |
| 486   | 264,339412 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=427, hop limit=0 (reply in 487) |
| 487   | 264,401221 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=427, hop limit=0 (request in 486) |
| 488   | 265,34136  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=428, hop limit=0 (reply in 489) |
| 489   | 265,531251 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=428, hop limit=0 (request in 488) |
| 490   | 266,342248 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=429, hop limit=0                |
| 491   | 267,341888 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=430, hop limit=0 (reply in 492) |
| 492   | 267,665276 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=430, hop limit=0 (request in 491) |
| 493   | 268,343153 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=431, hop limit=0 (reply in 494) |
| 494   | 268,788294 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=431, hop limit=0 (request in 493) |
| 495   | 269,344087 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=432, hop limit=0 (reply in 496) |
| 496   | 269,913283 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=432, hop limit=0 (request in 495) |



| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 10 m 120 Bytes |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 497   | 270,344859 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=433, hop limit=0 (reply in 498) |
| 498   | 271,037316 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=433, hop limit=0 (request in 497) |
| 499   | 271,345839 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=434, hop limit=0 (reply in 500) |
| 500   | 272,161336 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=434, hop limit=0 (request in 499) |
| 501   | 272,346743 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=435, hop limit=0                |
| 502   | 273,345896 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=436, hop limit=0 (reply in 503) |
| 503   | 274,298362 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=436, hop limit=0 (request in 502) |
| 504   | 274,345639 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=437, hop limit=0 (reply in 505) |
| 505   | 274,406353 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=437, hop limit=0 (request in 504) |
| 506   | 275,347477 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=438, hop limit=0                |
| 507   | 276,355978 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=439, hop limit=0 (reply in 508) |
| 508   | 276,540387 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=439, hop limit=0 (request in 507) |
| 509   | 277,35692  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=440, hop limit=0 (reply in 510) |
| 510   | 277,676403 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=440, hop limit=0 (request in 509) |
| 511   | 278,358317 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=441, hop limit=0                |
| 512   | 279,357933 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=442, hop limit=0 (reply in 513) |
| 513   | 279,82042  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=442, hop limit=0 (request in 512) |
| 514   | 280,359135 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=443, hop limit=0 (reply in 515) |
| 515   | 280,944436 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=443, hop limit=0 (request in 514) |
| 516   | 281,360028 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=444, hop limit=0 (reply in 517) |
| 517   | 282,07345  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=444, hop limit=0 (request in 516) |
| 518   | 282,360906 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=445, hop limit=0                |
| 519   | 283,367954 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=446, hop limit=0                |
| 520   | 284,37597  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=447, hop limit=0 (reply in 521) |
| 521   | 285,228487 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=447, hop limit=0 (request in 520) |
| 522   | 285,375857 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=448, hop limit=0 (reply in 523) |
| 523   | 286,356503 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=448, hop limit=0 (request in 522) |
| 524   | 286,375786 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=449, hop limit=0 (reply in 525) |
| 525   | 286,437508 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=449, hop limit=0 (request in 524) |
| 526   | 287,377683 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=450, hop limit=0 (reply in 527) |
| 527   | 287,570514 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=450, hop limit=0 (request in 526) |
| 528   | 288,379532 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=451, hop limit=0 (reply in 529) |
| 529   | 288,701533 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=451, hop limit=0 (request in 528) |
| 530   | 289,380437 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=452, hop limit=0 (reply in 531) |
| 531   | 289,828543 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=452, hop limit=0 (request in 530) |
| 532   | 290,381273 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=453, hop limit=0 (reply in 533) |
| 533   | 290,955558 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=453, hop limit=0 (request in 532) |
| 534   | 291,381906 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=454, hop limit=0 (reply in 535) |
| 535   | 292,08557  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=454, hop limit=0 (request in 534) |
| 536   | 292,383092 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=455, hop limit=0 (reply in 537) |
| 537   | 293,219585 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=455, hop limit=0 (request in 536) |
| 538   | 293,38288  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=456, hop limit=0 (reply in 539) |
| 539   | 294,343605 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=456, hop limit=0 (request in 538) |
| 540   | 294,382891 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=457, hop limit=0 (reply in 541) |
| 541   | 294,443598 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=457, hop limit=0 (request in 540) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 10 m 120 Bytes |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 542   | 295,384742 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=458, hop limit=0 (reply in 543) |
| 543   | 295,576614 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=458, hop limit=0 (request in 542) |
| 544   | 296,38566  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=459, hop limit=0 (reply in 545) |
| 545   | 296,705632 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=459, hop limit=0 (request in 544) |
| 546   | 297,386625 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=460, hop limit=0 (reply in 547) |
| 547   | 297,835639 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=460, hop limit=0 (request in 546) |
| 548   | 298,387421 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=461, hop limit=0 (reply in 549) |
| 549   | 298,961654 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=461, hop limit=0 (request in 548) |
| 550   | 299,388307 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=462, hop limit=0 (reply in 551) |
| 551   | 300,089676 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=462, hop limit=0 (request in 550) |
| 552   | 300,389226 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=463, hop limit=0 (reply in 553) |
| 553   | 301,215667 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=463, hop limit=0 (request in 552) |
| 554   | 301,388891 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=464, hop limit=0                |

**Tabla 28. Test para el nodo 7 con 6Lowpan a 20 m con LPL de 1024 ms, paquete de 120 B y con enrutamiento estático**

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 20 m 120 Bytes |           |           |             |          |        |   |
|---|-----------|-----------|-------------|----------|--------|---|
| No.   | Time      | Source    | Destination | Protocol | Length | Info  |
| 1   | 0         | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=702, hop limit=0 (reply in 2)  |
| 2   | 0,702409  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=702, hop limit=0 (request in 1)  |
| 3   | 0,999938  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=703, hop limit=0 (reply in 4)  |
| 4   | 1,830421  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=703, hop limit=0 (request in 3)  |
| 5   | 1,999791  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=704, hop limit=0 (reply in 6)  |
| 6   | 2,960414  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=704, hop limit=0 (request in 5)  |
| 7   | 2,999596  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=705, hop limit=0 (reply in 8)  |
| 8   | 3,060406  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=705, hop limit=0 (request in 7)  |
| 9   | 4,000723  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=706, hop limit=0               |
| 10  | 5,00073   | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=707, hop limit=0               |
| 11  | 6,000725  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=708, hop limit=0 (reply in 12) |
| 12  | 6,214463  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=708, hop limit=0 (request in 11) |
| 13  | 7,002043  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=709, hop limit=0 (reply in 14) |
| 14  | 7,348478  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=709, hop limit=0 (request in 13) |
| 15  | 8,002335  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=710, hop limit=0 (reply in 16) |
| 16  | 8,476501  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=710, hop limit=0 (request in 15) |
| 17  | 9,002253  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=711, hop limit=0 (reply in 18) |
| 18  | 9,602508  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=711, hop limit=0 (request in 17) |
| 19  | 10,002116 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=712, hop limit=0 (reply in 20) |
| 20  | 10,730529 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=712, hop limit=0 (request in 19) |
| 21  | 11,001997 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=713, hop limit=0 (reply in 22) |
| 22  | 11,856534 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=713, hop limit=0 (request in 21) |
| 23  | 12,001897 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=714, hop limit=0 (reply in 24) |
| 24  | 12,98253  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=714, hop limit=0 (request in 23) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 20 m 120 Bytes |           |           |             |          |        |   |
|---|-----------|-----------|-------------|----------|--------|---|
| No.   | Time      | Source    | Destination | Protocol | Length | Info  |
| 25  | 13,001787 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=715, hop limit=0 (reply in 26) |
| 26  | 13,062546 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=715, hop limit=0 (request in 25) |
| 27  | 14,003672 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=716, hop limit=0               |
| 28  | 15,010826 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=717, hop limit=0 (reply in 29) |
| 29  | 15,208572 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=717, hop limit=0 (request in 28) |
| 30  | 16,012575 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=718, hop limit=0 (reply in 31) |
| 31  | 16,330592 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=718, hop limit=0 (request in 30) |
| 32  | 17,012503 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=719, hop limit=0 (reply in 33) |
| 33  | 17,4556   | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=719, hop limit=0 (request in 32) |
| 34  | 18,012385 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=720, hop limit=0               |
| 35  | 19,018847 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=721, hop limit=0 (reply in 36) |
| 36  | 19,601629 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=721, hop limit=0 (request in 35) |
| 37  | 20,019274 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=722, hop limit=0 (reply in 38) |
| 38  | 20,731629 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=722, hop limit=0 (request in 37) |
| 39  | 21,019127 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=723, hop limit=0 (reply in 40) |
| 40  | 21,859662 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=723, hop limit=0 (request in 39) |
| 41  | 22,019032 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=724, hop limit=0 (reply in 42) |
| 42  | 22,985672 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=724, hop limit=0 (request in 41) |
| 43  | 23,01893  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=725, hop limit=0 (reply in 44) |
| 44  | 23,079655 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=725, hop limit=0 (request in 43) |
| 45  | 24,020727 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=726, hop limit=0 (reply in 46) |
| 46  | 24,214689 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=726, hop limit=0 (request in 45) |
| 47  | 25,021708 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=727, hop limit=0 (reply in 48) |
| 48  | 25,341705 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=727, hop limit=0 (request in 47) |
| 49  | 26,021573 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=728, hop limit=0 (reply in 50) |
| 50  | 26,465698 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=728, hop limit=0 (request in 49) |
| 51  | 27,021142 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=729, hop limit=0 (reply in 52) |
| 52  | 27,600758 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=729, hop limit=0 (request in 51) |
| 53  | 28,021375 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=730, hop limit=0 (reply in 54) |
| 54  | 28,72674  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=730, hop limit=0 (request in 53) |
| 55  | 29,021256 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=731, hop limit=0 (reply in 56) |
| 56  | 29,852746 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=731, hop limit=0 (request in 55) |
| 57  | 30,021128 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=732, hop limit=0 (reply in 58) |
| 58  | 30,979773 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=732, hop limit=0 (request in 57) |
| 59  | 31,021037 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=733, hop limit=0 (reply in 60) |
| 60  | 31,08177  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=733, hop limit=0 (request in 59) |
| 61  | 32,022619 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=734, hop limit=0 (reply in 62) |
| 62  | 32,216698 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=734, hop limit=0 (request in 61) |
| 63  | 33,023723 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=735, hop limit=0 (reply in 64) |
| 64  | 33,346798 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=735, hop limit=0 (request in 63) |
| 65  | 34,023683 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=736, hop limit=0 (reply in 66) |
| 66  | 34,48077  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=736, hop limit=0 (request in 65) |
| 67  | 35,023468 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=737, hop limit=0 (reply in 68) |
| 68  | 35,610808 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=737, hop limit=0 (request in 67) |
| 69  | 36,023373 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=738, hop limit=0 (reply in 70) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 20 m 120 Bytes |           |           |             |          |        |  |
|---|-----------|-----------|-------------|----------|--------|--|
| No.   | Time      | Source    | Destination | Protocol | Length | Info   |
| 70  | 36,739843 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=738, hop limit=0 (request in 69)  |
| 71  | 37,023328 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=739, hop limit=0 (reply in 72)  |
| 72  | 37,862849 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=739, hop limit=0 (request in 71)  |
| 73  | 38,023175 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=740, hop limit=0 (reply in 74)  |
| 74  | 38,991864 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=740, hop limit=0 (request in 73)  |
| 75  | 39,02312  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=741, hop limit=0 (reply in 76)  |
| 76  | 39,084837 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=741, hop limit=0 (request in 75)  |
| 77  | 40,024692 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=742, hop limit=0                |
| 78  | 41,024699 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=743, hop limit=0 (reply in 79)  |
| 79  | 41,221895 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=743, hop limit=0 (request in 78)  |
| 80  | 42,025934 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=744, hop limit=0 (reply in 81)  |
| 81  | 42,347912 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=744, hop limit=0 (request in 80)  |
| 82  | 43,025816 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=745, hop limit=0 (reply in 83)  |
| 83  | 43,472919 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=745, hop limit=0 (request in 82)  |
| 84  | 44,025667 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=746, hop limit=0 (reply in 85)  |
| 85  | 44,598931 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=746, hop limit=0 (request in 84)  |
| 86  | 45,02556  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=747, hop limit=0                |
| 87  | 46,024723 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=748, hop limit=0 (reply in 88)  |
| 88  | 46,742959 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=748, hop limit=0 (request in 87)  |
| 89  | 47,024432 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=749, hop limit=0 (reply in 90)  |
| 90  | 47,876978 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=749, hop limit=0 (request in 89)  |
| 91  | 48,024343 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=750, hop limit=0 (reply in 92)  |
| 92  | 49,005984 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=750, hop limit=0 (request in 91)  |
| 93  | 49,024245 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=751, hop limit=0 (reply in 94)  |
| 94  | 49,08496  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=751, hop limit=0 (request in 93)  |
| 95  | 50,026064 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=752, hop limit=0 (reply in 96)  |
| 96  | 50,219999 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=752, hop limit=0 (request in 95)  |
| 97  | 51,027022 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=753, hop limit=0 (reply in 98)  |
| 98  | 51,344016 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=753, hop limit=0 (request in 97)  |
| 99  | 52,026916 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=754, hop limit=0 (reply in 100) |
| 100   | 52,472024 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=754, hop limit=0 (request in 99)  |
| 101   | 53,026787 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=755, hop limit=0 (reply in 102) |
| 102   | 53,600047 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=755, hop limit=0 (request in 101) |
| 103   | 54,02671  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=756, hop limit=0 (reply in 104) |
| 104   | 54,729061 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=756, hop limit=0 (request in 103) |
| 105   | 55,026554 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=757, hop limit=0 (reply in 106) |
| 106   | 55,853074 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=757, hop limit=0 (request in 105) |
| 107   | 56,026471 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=758, hop limit=0                |
| 108   | 57,034826 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=759, hop limit=0                |
| 109   | 58,042832 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=760, hop limit=0 (reply in 110) |
| 110   | 58,997083 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=760, hop limit=0 (request in 109) |
| 111   | 59,042338 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=761, hop limit=0 (reply in 112) |
| 112   | 59,103103 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=761, hop limit=0 (request in 111) |
| 113   | 60,044271 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=762, hop limit=0 (reply in 114) |
| 114   | 60,226121 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=762, hop limit=0 (request in 113) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 20 m 120 Bytes |           |           |             |          |        |  |
|---|-----------|-----------|-------------|----------|--------|--|
| No.   | Time      | Source    | Destination | Protocol | Length | Info   |
| 115   | 61,044716 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=763, hop limit=0 (reply in 116) |
| 116   | 61,352134 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=763, hop limit=0 (request in 115) |
| 117   | 62,04469  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=764, hop limit=0 (reply in 118) |
| 118   | 62,478109 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=764, hop limit=0 (request in 117) |
| 119   | 63,044857 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=765, hop limit=0 (reply in 120) |
| 120   | 63,607164 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=765, hop limit=0 (request in 119) |
| 121   | 64,044717 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=766, hop limit=0 (reply in 122) |
| 122   | 64,734182 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=766, hop limit=0 (request in 121) |
| 123   | 65,044724 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=767, hop limit=0 (reply in 124) |
| 124   | 65,858198 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=767, hop limit=0 (request in 123) |
| 125   | 66,04462  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=768, hop limit=0                |
| 126   | 67,044731 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=769, hop limit=0 (reply in 127) |
| 127   | 67,99322  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=769, hop limit=0 (request in 126) |
| 128   | 68,044483 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=770, hop limit=0 (reply in 129) |
| 129   | 68,10736  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=770, hop limit=0 (request in 128) |
| 130   | 69,0447   | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=771, hop limit=0 (reply in 131) |
| 131   | 69,235231 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=771, hop limit=0 (request in 130) |
| 132   | 70,046268 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=772, hop limit=0                |
| 133   | 71,054826 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=773, hop limit=0                |
| 134   | 72,062764 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=774, hop limit=0 (reply in 135) |
| 135   | 72,390271 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=774, hop limit=0 (request in 134) |
| 136   | 73,063155 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=775, hop limit=0                |
| 137   | 74,070848 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=776, hop limit=0 (reply in 138) |
| 138   | 74,535269 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=776, hop limit=0 (request in 137) |
| 139   | 75,070998 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=777, hop limit=0 (reply in 140) |
| 140   | 75,67129  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=777, hop limit=0 (request in 139) |
| 141   | 76,070844 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=778, hop limit=0 (reply in 142) |
| 142   | 76,794323 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=778, hop limit=0 (request in 141) |
| 143   | 77,070824 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=779, hop limit=0 (reply in 144) |
| 144   | 77,922341 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=779, hop limit=0 (request in 143) |
| 145   | 78,070716 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=780, hop limit=0 (reply in 146) |
| 146   | 79,048346 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=780, hop limit=0 (request in 145) |
| 147   | 79,070599 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=781, hop limit=0 (reply in 148) |
| 148   | 79,132345 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=781, hop limit=0 (request in 147) |
| 149   | 80,07245  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=782, hop limit=0 (reply in 150) |
| 150   | 80,267363 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=782, hop limit=0 (request in 149) |
| 151   | 81,072755 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=783, hop limit=0 (reply in 152) |
| 152   | 81,391378 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=783, hop limit=0 (request in 151) |
| 153   | 82,07273  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=784, hop limit=0 (reply in 154) |
| 154   | 82,518391 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=784, hop limit=0 (request in 153) |
| 155   | 83,072735 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=785, hop limit=0 (reply in 156) |
| 156   | 83,648405 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=785, hop limit=0 (request in 155) |
| 157   | 84,072728 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=786, hop limit=0 (reply in 158) |
| 158   | 84,785395 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=786, hop limit=0 (request in 157) |
| 159   | 85,072694 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=787, hop limit=0 (reply in 160) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 20 m 120 Bytes |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 160   | 85,914437  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=787, hop limit=0 (request in 159) |
| 161   | 86,072828  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=788, hop limit=0 (reply in 162) |
| 162   | 87,042451  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=788, hop limit=0 (request in 161) |
| 163   | 87,072698  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=789, hop limit=0 (reply in 164) |
| 164   | 87,134419  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=789, hop limit=0 (request in 163) |
| 165   | 88,074525  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=790, hop limit=0 (reply in 166) |
| 166   | 88,267464  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=790, hop limit=0 (request in 165) |
| 167   | 89,075514  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=791, hop limit=0 (reply in 168) |
| 168   | 89,397452  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=791, hop limit=0 (request in 167) |
| 169   | 90,075318  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=792, hop limit=0 (reply in 170) |
| 170   | 90,524487  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=792, hop limit=0 (request in 169) |
| 171   | 91,075293  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=793, hop limit=0 (reply in 172) |
| 172   | 91,647505  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=793, hop limit=0 (request in 171) |
| 173   | 92,07516   | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=794, hop limit=0                |
| 174   | 93,082842  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=795, hop limit=0 (reply in 175) |
| 175   | 93,791528  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=795, hop limit=0 (request in 174) |
| 176   | 94,083052  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=796, hop limit=0 (reply in 177) |
| 177   | 94,917546  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=796, hop limit=0 (request in 176) |
| 178   | 95,082934  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=797, hop limit=0 (reply in 179) |
| 179   | 96,052556  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=797, hop limit=0 (request in 178) |
| 180   | 96,082836  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=798, hop limit=0 (reply in 181) |
| 181   | 96,143553  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=798, hop limit=0 (request in 180) |
| 182   | 97,084688  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=799, hop limit=0                |
| 183   | 98,084734  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=800, hop limit=0 (reply in 184) |
| 184   | 98,280583  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=800, hop limit=0 (request in 183) |
| 185   | 99,085625  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=801, hop limit=0 (reply in 186) |
| 186   | 99,405599  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=801, hop limit=0 (request in 185) |
| 187   | 100,085496 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=802, hop limit=0 (reply in 188) |
| 188   | 100,534615 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=802, hop limit=0 (request in 187) |
| 189   | 101,085351 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=803, hop limit=0 (reply in 190) |
| 190   | 101,663632 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=803, hop limit=0 (request in 189) |
| 191   | 102,08525  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=804, hop limit=0 (reply in 192) |
| 192   | 102,787642 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=804, hop limit=0 (request in 191) |
| 193   | 103,085122 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=805, hop limit=0 (reply in 194) |
| 194   | 103,91568  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=805, hop limit=0 (request in 193) |
| 195   | 104,08505  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=806, hop limit=0 (reply in 196) |
| 196   | 105,043669 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=806, hop limit=0 (request in 195) |
| 197   | 105,084937 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=807, hop limit=0 (reply in 198) |
| 198   | 105,145668 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=807, hop limit=0 (request in 197) |
| 199   | 106,086793 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=808, hop limit=0                |
| 200   | 107,094857 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=809, hop limit=0 (reply in 201) |
| 201   | 107,291693 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=809, hop limit=0 (request in 200) |
| 202   | 108,096745 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=810, hop limit=0 (reply in 203) |
| 203   | 108,416718 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=810, hop limit=0 (request in 202) |
| 204   | 109,096669 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=811, hop limit=0 (reply in 205) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 20 m 120 Bytes |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 205   | 109,543719 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=811, hop limit=0 (request in 204) |
| 206   | 110,096501 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=812, hop limit=0                |
| 207   | 111,102853 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=813, hop limit=0 (reply in 208) |
| 208   | 111,68075  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=813, hop limit=0 (request in 207) |
| 209   | 112,102398 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=814, hop limit=0 (reply in 210) |
| 210   | 112,807765 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=814, hop limit=0 (request in 209) |
| 211   | 113,10229  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=815, hop limit=0 (reply in 212) |
| 212   | 113,933778 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=815, hop limit=0 (request in 211) |
| 213   | 114,102168 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=816, hop limit=0 (reply in 214) |
| 214   | 115,056793 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=816, hop limit=0 (request in 213) |
| 215   | 115,102057 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=817, hop limit=0 (reply in 216) |
| 216   | 115,162781 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=817, hop limit=0 (request in 215) |
| 217   | 116,103434 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=818, hop limit=0                |
| 218   | 117,110818 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=819, hop limit=0 (reply in 219) |
| 219   | 117,307787 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=819, hop limit=0 (request in 218) |
| 220   | 118,111764 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=820, hop limit=0 (reply in 221) |
| 221   | 118,440833 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=820, hop limit=0 (request in 220) |
| 222   | 119,111736 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=821, hop limit=0                |
| 223   | 120,118849 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=822, hop limit=0 (reply in 224) |
| 224   | 120,574857 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=822, hop limit=0 (request in 223) |
| 225   | 121,1186   | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=823, hop limit=0 (reply in 226) |
| 226   | 121,702866 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=823, hop limit=0 (request in 225) |
| 227   | 122,118476 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=824, hop limit=0 (reply in 228) |
| 228   | 122,832855 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=824, hop limit=0 (request in 227) |
| 229   | 123,118369 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=825, hop limit=0 (reply in 230) |
| 230   | 123,957902 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=825, hop limit=0 (request in 229) |
| 231   | 124,118231 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=826, hop limit=0 (reply in 232) |
| 232   | 125,084914 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=826, hop limit=0 (request in 231) |
| 233   | 125,118182 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=827, hop limit=0 (reply in 234) |
| 234   | 125,178903 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=827, hop limit=0 (request in 233) |
| 235   | 126,120046 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=828, hop limit=0                |
| 236   | 127,126824 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=829, hop limit=0 (reply in 237) |
| 237   | 127,313908 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=829, hop limit=0 (request in 236) |
| 238   | 128,127924 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=830, hop limit=0                |
| 239   | 129,134791 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=831, hop limit=0                |
| 240   | 130,142785 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=832, hop limit=0                |
| 241   | 131,150795 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=833, hop limit=0 (reply in 242) |
| 242   | 131,478982 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=833, hop limit=0 (request in 241) |
| 243   | 132,150252 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=834, hop limit=0                |
| 244   | 133,158806 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=835, hop limit=0 (reply in 245) |
| 245   | 133,62401  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=835, hop limit=0 (request in 244) |
| 246   | 134,158466 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=836, hop limit=0 (reply in 247) |
| 247   | 134,749031 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=836, hop limit=0 (request in 246) |
| 248   | 135,15864  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=837, hop limit=0 (reply in 249) |
| 249   | 135,880042 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=837, hop limit=0 (request in 248) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 20 m 120 Bytes |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 250   | 136,158516 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=838, hop limit=0                |
| 251   | 137,166816 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=839, hop limit=0                |
| 252   | 138,17479  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=840, hop limit=0 (reply in 253) |
| 253   | 139,036081 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=840, hop limit=0 (request in 252) |
| 254   | 139,174414 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=841, hop limit=0 (reply in 255) |
| 255   | 140,159088 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=841, hop limit=0 (request in 254) |
| 256   | 140,174319 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=842, hop limit=0 (reply in 257) |
| 257   | 140,236085 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=842, hop limit=0 (request in 256) |
| 258   | 141,176178 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=843, hop limit=0 (reply in 259) |
| 259   | 141,3711   | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=843, hop limit=0 (request in 258) |
| 260   | 142,176135 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=844, hop limit=0 (reply in 261) |
| 261   | 142,494099 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=844, hop limit=0 (request in 260) |
| 262   | 143,176001 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=845, hop limit=0                |
| 263   | 144,182793 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=846, hop limit=0                |
| 264   | 145,190823 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=847, hop limit=0 (reply in 265) |
| 265   | 145,64116  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=847, hop limit=0 (request in 264) |
| 266   | 146,190919 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=848, hop limit=0 (reply in 267) |
| 267   | 146,77615  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=848, hop limit=0 (request in 266) |
| 268   | 147,19073  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=849, hop limit=0                |
| 269   | 148,198823 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=850, hop limit=0 (reply in 270) |
| 270   | 148,9122   | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=850, hop limit=0 (request in 269) |
| 271   | 149,19872  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=851, hop limit=0 (reply in 272) |
| 272   | 150,037214 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=851, hop limit=0 (request in 271) |
| 273   | 150,198589 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=852, hop limit=0                |
| 274   | 151,20681  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=853, hop limit=0 (reply in 275) |
| 275   | 152,176243 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=853, hop limit=0 (request in 274) |
| 276   | 152,206506 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=854, hop limit=0 (reply in 277) |
| 277   | 152,268231 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=854, hop limit=0 (request in 276) |
| 278   | 153,207557 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=855, hop limit=0                |
| 279   | 154,214785 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=856, hop limit=0 (reply in 280) |
| 280   | 154,413265 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=856, hop limit=0 (request in 279) |
| 281   | 155,215235 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=857, hop limit=0 (reply in 282) |
| 282   | 155,546282 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=857, hop limit=0 (request in 281) |
| 283   | 156,215149 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=858, hop limit=0                |
| 284   | 157,222866 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=859, hop limit=0 (reply in 285) |
| 285   | 157,681278 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=859, hop limit=0 (request in 284) |
| 286   | 158,223021 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=860, hop limit=0 (reply in 287) |
| 287   | 158,80632  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=860, hop limit=0 (request in 286) |
| 288   | 159,222934 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=861, hop limit=0 (reply in 289) |
| 289   | 159,942334 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=861, hop limit=0 (request in 288) |
| 290   | 160,222807 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=862, hop limit=0 (reply in 291) |
| 291   | 161,078319 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=862, hop limit=0 (request in 290) |
| 292   | 161,22261  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=863, hop limit=0 (reply in 293) |
| 293   | 162,204362 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=863, hop limit=0 (request in 292) |
| 294   | 162,222623 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=864, hop limit=0 (reply in 295) |



| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 20 m 120 Bytes |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 295   | 162,283355 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=864, hop limit=0 (request in 294) |
| 296   | 163,224503 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=865, hop limit=0                |
| 297   | 164,230833 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=866, hop limit=0 (reply in 298) |
| 298   | 164,429387 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=866, hop limit=0 (request in 297) |
| 299   | 165,231416 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=867, hop limit=0                |
| 300   | 166,238832 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=868, hop limit=0                |
| 301   | 167,246798 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=869, hop limit=0 (reply in 302) |
| 302   | 167,577421 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=869, hop limit=0 (request in 301) |
| 303   | 168,247323 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=870, hop limit=0                |
| 304   | 169,254842 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=871, hop limit=0 (reply in 305) |
| 305   | 169,723449 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=871, hop limit=0 (request in 304) |
| 306   | 170,255193 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=872, hop limit=0                |
| 307   | 171,262851 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=873, hop limit=0                |
| 308   | 172,271095 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=874, hop limit=0 (reply in 309) |
| 309   | 172,87746  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=874, hop limit=0 (request in 308) |
| 310   | 173,271081 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=875, hop limit=0 (reply in 311) |
| 311   | 174,003504 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=875, hop limit=0 (request in 310) |
| 312   | 174,271007 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=876, hop limit=0 (reply in 313) |
| 313   | 175,127517 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=876, hop limit=0 (request in 312) |
| 314   | 175,270867 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=877, hop limit=0 (reply in 315) |
| 315   | 176,254523 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=877, hop limit=0 (request in 314) |
| 316   | 176,270752 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=878, hop limit=0 (reply in 317) |
| 317   | 176,332524 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=878, hop limit=0 (request in 316) |
| 318   | 177,271627 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=879, hop limit=0                |
| 319   | 178,278794 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=880, hop limit=0 (reply in 320) |
| 320   | 178,46656  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=880, hop limit=0 (request in 319) |
| 321   | 179,279598 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=881, hop limit=0 (reply in 322) |
| 322   | 179,599565 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=881, hop limit=0 (request in 321) |
| 323   | 180,279422 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=882, hop limit=0 (reply in 324) |
| 324   | 180,72867  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=882, hop limit=0 (request in 323) |
| 325   | 181,279417 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=883, hop limit=0 (reply in 326) |
| 326   | 181,851601 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=883, hop limit=0 (request in 325) |
| 327   | 182,279226 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=884, hop limit=0                |
| 328   | 183,280716 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=885, hop limit=0 (reply in 329) |
| 329   | 183,987625 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=885, hop limit=0 (request in 328) |
| 330   | 184,280144 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=886, hop limit=0 (reply in 331) |
| 331   | 185,120658 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=886, hop limit=0 (request in 330) |
| 332   | 185,280037 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=887, hop limit=0                |
| 333   | 186,286836 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=888, hop limit=0 (reply in 334) |
| 334   | 187,260675 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=888, hop limit=0 (request in 333) |
| 335   | 187,285934 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=889, hop limit=0 (reply in 336) |
| 336   | 187,347661 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=889, hop limit=0 (request in 335) |
| 337   | 188,286801 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=890, hop limit=0                |
| 338   | 189,294842 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=891, hop limit=0 (reply in 339) |
| 339   | 189,484679 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=891, hop limit=0 (request in 338) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 20 m 120 Bytes |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 340   | 190,294738 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=892, hop limit=0 (reply in 341) |
| 341   | 190,614697 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=892, hop limit=0 (request in 340) |
| 342   | 191,294558 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=893, hop limit=0 (reply in 343) |
| 343   | 191,742694 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=893, hop limit=0 (request in 342) |
| 344   | 192,294408 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=894, hop limit=0                |
| 345   | 193,302822 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=895, hop limit=0 (reply in 346) |
| 346   | 193,888741 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=895, hop limit=0 (request in 345) |
| 347   | 194,302353 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=896, hop limit=0 (reply in 348) |
| 348   | 195,017754 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=896, hop limit=0 (request in 347) |
| 349   | 195,30224  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=897, hop limit=0 (reply in 350) |
| 350   | 196,146772 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=897, hop limit=0 (request in 349) |
| 351   | 196,302139 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=898, hop limit=0 (reply in 352) |
| 352   | 197,272784 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=898, hop limit=0 (request in 351) |
| 353   | 197,302047 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=899, hop limit=0 (reply in 354) |
| 354   | 197,363779 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=899, hop limit=0 (request in 353) |
| 355   | 198,302905 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=900, hop limit=0                |
| 356   | 199,310847 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=901, hop limit=0 (reply in 357) |
| 357   | 199,497805 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=901, hop limit=0 (request in 356) |
| 358   | 200,310844 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=902, hop limit=0                |
| 359   | 201,318832 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=903, hop limit=0 (reply in 360) |
| 360   | 201,643835 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=903, hop limit=0 (request in 359) |
| 361   | 202,318728 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=904, hop limit=0 (reply in 362) |
| 362   | 202,777806 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=904, hop limit=0 (request in 361) |
| 363   | 203,31849  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=905, hop limit=0 (reply in 364) |
| 364   | 203,904837 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=905, hop limit=0 (request in 363) |
| 365   | 204,318485 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=906, hop limit=0 (reply in 366) |
| 366   | 205,03285  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=906, hop limit=0 (request in 365) |
| 367   | 205,318362 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=907, hop limit=0 (reply in 368) |
| 368   | 206,157895 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=907, hop limit=0 (request in 367) |
| 369   | 206,318252 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=908, hop limit=0 (reply in 370) |
| 370   | 207,286906 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=908, hop limit=0 (request in 369) |
| 371   | 207,318173 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=909, hop limit=0 (reply in 372) |
| 372   | 207,379901 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=909, hop limit=0 (request in 371) |
| 373   | 208,319036 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=910, hop limit=0 (reply in 374) |
| 374   | 208,508912 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=910, hop limit=0 (request in 373) |
| 375   | 209,31892  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=911, hop limit=0 (reply in 376) |
| 376   | 209,636937 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=911, hop limit=0 (request in 375) |
| 377   | 210,318851 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=912, hop limit=0                |
| 378   | 211,326845 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=913, hop limit=0 (reply in 379) |
| 379   | 211,774956 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=913, hop limit=0 (request in 378) |
| 380   | 212,327734 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=914, hop limit=0 (reply in 381) |
| 381   | 212,903974 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=914, hop limit=0 (request in 380) |
| 382   | 213,328657 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=915, hop limit=0 (reply in 383) |
| 383   | 214,029984 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=915, hop limit=0 (request in 382) |
| 384   | 214,329493 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=916, hop limit=0 (reply in 385) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 20 m 120 Bytes |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 385   | 215,165003 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=916, hop limit=0 (request in 384) |
| 386   | 215,330388 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=917, hop limit=0 (reply in 387) |
| 387   | 216,300986 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=917, hop limit=0 (request in 386) |
| 388   | 216,331253 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=918, hop limit=0 (reply in 389) |
| 389   | 216,392015 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=918, hop limit=0 (request in 388) |
| 390   | 217,33315  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=919, hop limit=0                |
| 391   | 218,336717 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=920, hop limit=0 (reply in 392) |
| 392   | 218,539033 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=920, hop limit=0 (request in 391) |
| 393   | 219,338035 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=921, hop limit=0 (reply in 394) |
| 394   | 219,66905  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=921, hop limit=0 (request in 393) |
| 395   | 220,338944 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=922, hop limit=0 (reply in 396) |
| 396   | 220,797072 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=922, hop limit=0 (request in 395) |
| 397   | 221,339851 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=923, hop limit=0 (reply in 398) |
| 398   | 221,92608  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=923, hop limit=0 (request in 397) |
| 399   | 222,340685 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=924, hop limit=0 (reply in 400) |
| 400   | 223,054088 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=924, hop limit=0 (request in 399) |
| 401   | 223,341545 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=925, hop limit=0 (reply in 402) |
| 402   | 224,183105 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=925, hop limit=0 (request in 401) |
| 403   | 224,342481 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=926, hop limit=0                |
| 404   | 225,350804 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=927, hop limit=0 (reply in 405) |
| 405   | 226,317138 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=927, hop limit=0 (request in 404) |
| 406   | 226,351395 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=928, hop limit=0 (reply in 407) |
| 407   | 226,412135 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=928, hop limit=0 (request in 406) |
| 408   | 227,353267 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=929, hop limit=0                |
| 409   | 228,352755 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=930, hop limit=0 (reply in 410) |
| 410   | 228,558156 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=930, hop limit=0 (request in 409) |
| 411   | 229,35393  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=931, hop limit=0 (reply in 412) |
| 412   | 229,686666 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=931, hop limit=0 (request in 411) |
| 413   | 230,355479 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=932, hop limit=0                |
| 414   | 231,362825 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=933, hop limit=0 (reply in 415) |
| 415   | 231,824198 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=933, hop limit=0 (request in 414) |
| 416   | 232,363937 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=934, hop limit=0 (reply in 417) |
| 417   | 232,949218 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=934, hop limit=0 (request in 416) |
| 418   | 233,364865 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=935, hop limit=0 (reply in 419) |
| 419   | 234,077202 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=935, hop limit=0 (request in 418) |
| 420   | 234,365706 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=936, hop limit=0 (reply in 421) |
| 421   | 235,204237 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=936, hop limit=0 (request in 420) |
| 422   | 235,366611 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=937, hop limit=0 (reply in 423) |
| 423   | 236,338254 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=937, hop limit=0 (request in 422) |
| 424   | 236,366486 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=938, hop limit=0 (reply in 425) |
| 425   | 236,427257 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=938, hop limit=0 (request in 424) |
| 426   | 237,368395 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=939, hop limit=0 (reply in 427) |
| 427   | 237,562274 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=939, hop limit=0 (request in 426) |
| 428   | 238,369303 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=940, hop limit=0 (reply in 429) |
| 429   | 238,686282 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=940, hop limit=0 (request in 428) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 20 m 120 Bytes |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 430   | 239,370186 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=941, hop limit=0 (reply in 431) |
| 431   | 239,81628  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=941, hop limit=0 (request in 430) |
| 432   | 240,371059 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=942, hop limit=0 (reply in 433) |
| 433   | 240,94331  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=942, hop limit=0 (request in 432) |
| 434   | 241,371962 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=943, hop limit=0                |
| 435   | 242,3788   | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=944, hop limit=0 (reply in 436) |
| 436   | 243,089336 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=944, hop limit=0 (request in 435) |
| 437   | 243,379823 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=945, hop limit=0                |
| 438   | 244,386836 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=946, hop limit=0 (reply in 439) |
| 439   | 245,223367 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=946, hop limit=0 (request in 438) |
| 440   | 245,38773  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=947, hop limit=0 (reply in 441) |
| 441   | 246,348372 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=947, hop limit=0 (request in 440) |
| 442   | 246,387605 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=948, hop limit=0 (reply in 443) |
| 443   | 246,449378 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=948, hop limit=0 (request in 442) |
| 444   | 247,389518 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=949, hop limit=0                |
| 445   | 248,388734 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=950, hop limit=0 (reply in 446) |
| 446   | 248,589405 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=950, hop limit=0 (request in 445) |
| 447   | 249,390421 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=951, hop limit=0 (reply in 448) |
| 448   | 249,724417 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=951, hop limit=0 (request in 447) |
| 449   | 250,391295 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=952, hop limit=0                |
| 450   | 251,398832 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=953, hop limit=0                |
| 451   | 252,406828 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=954, hop limit=0                |
| 452   | 253,414829 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=955, hop limit=0 (reply in 453) |
| 453   | 253,881461 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=955, hop limit=0 (request in 452) |
| 454   | 254,416199 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=956, hop limit=0 (reply in 455) |
| 455   | 255,007484 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=956, hop limit=0 (request in 454) |
| 456   | 255,417127 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=957, hop limit=0 (reply in 457) |
| 457   | 256,141493 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=957, hop limit=0 (request in 456) |
| 458   | 256,417978 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=958, hop limit=0                |
| 459   | 257,426822 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=959, hop limit=0 (reply in 460) |
| 460   | 258,285517 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=959, hop limit=0 (request in 459) |
| 461   | 258,427842 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=960, hop limit=0                |
| 462   | 259,434828 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=961, hop limit=0 (reply in 463) |
| 463   | 260,422547 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=961, hop limit=0 (request in 462) |
| 464   | 260,434809 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=962, hop limit=0 (reply in 465) |
| 465   | 260,49654  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=962, hop limit=0 (request in 464) |
| 466   | 261,436695 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=963, hop limit=0                |
| 467   | 262,436707 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=964, hop limit=0                |
| 468   | 263,436732 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=965, hop limit=0 (reply in 469) |
| 469   | 263,653588 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=965, hop limit=0 (request in 468) |
| 470   | 264,437608 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=966, hop limit=0 (reply in 471) |
| 471   | 264,782604 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=966, hop limit=0 (request in 470) |
| 472   | 265,438479 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=967, hop limit=0 (reply in 473) |
| 473   | 265,908626 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=967, hop limit=0 (request in 472) |
| 474   | 266,439391 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=968, hop limit=0 (reply in 475) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 20 m 120 Bytes |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 475   | 267,035654 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=968, hop limit=0 (request in 474) |
| 476   | 267,440278 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=969, hop limit=0                |
| 477   | 268,446824 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=970, hop limit=0 (reply in 478) |
| 478   | 269,171651 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=970, hop limit=0 (request in 477) |
| 479   | 269,448142 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=971, hop limit=0 (reply in 480) |
| 480   | 270,305667 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=971, hop limit=0 (request in 479) |
| 481   | 270,44903  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=972, hop limit=0 (reply in 482) |
| 482   | 271,432688 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=972, hop limit=0 (request in 481) |
| 483   | 271,448946 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=973, hop limit=0 (reply in 484) |
| 484   | 271,50968  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=973, hop limit=0 (request in 483) |
| 485   | 272,450053 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=974, hop limit=0                |
| 486   | 273,458794 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=975, hop limit=0 (reply in 487) |
| 487   | 273,64571  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=975, hop limit=0 (request in 486) |
| 488   | 274,459778 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=976, hop limit=0 (reply in 489) |
| 489   | 274,779718 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=976, hop limit=0 (request in 488) |
| 490   | 275,460649 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=977, hop limit=0 (reply in 491) |
| 491   | 275,905732 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=977, hop limit=0 (request in 490) |
| 492   | 276,461514 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=978, hop limit=0                |
| 493   | 277,46073  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=979, hop limit=0 (reply in 494) |
| 494   | 278,040735 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=979, hop limit=0 (request in 493) |
| 495   | 278,461384 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=980, hop limit=0 (reply in 496) |
| 496   | 279,164777 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=980, hop limit=0 (request in 495) |
| 497   | 279,462278 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=981, hop limit=0 (reply in 498) |
| 498   | 280,298783 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=981, hop limit=0 (request in 497) |
| 499   | 280,463181 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=982, hop limit=0 (reply in 500) |
| 500   | 281,432806 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=982, hop limit=0 (request in 499) |
| 501   | 281,463071 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=983, hop limit=0 (reply in 502) |
| 502   | 281,523801 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=983, hop limit=0 (request in 501) |
| 503   | 282,464925 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=984, hop limit=0                |
| 504   | 283,468729 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=985, hop limit=0 (reply in 505) |
| 505   | 283,670822 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=985, hop limit=0 (request in 504) |
| 506   | 284,469822 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=986, hop limit=0                |
| 507   | 285,47882  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=987, hop limit=0                |
| 508   | 286,486826 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=988, hop limit=0 (reply in 509) |
| 509   | 286,81886  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=988, hop limit=0 (request in 508) |
| 510   | 287,487735 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=989, hop limit=0 (reply in 511) |
| 511   | 287,945835 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=989, hop limit=0 (request in 510) |
| 512   | 288,488563 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=990, hop limit=0 (reply in 513) |
| 513   | 289,079897 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=990, hop limit=0 (request in 512) |
| 514   | 289,489522 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=991, hop limit=0 (reply in 515) |
| 515   | 290,205912 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=991, hop limit=0 (request in 514) |
| 516   | 290,490417 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=992, hop limit=0                |
| 517   | 291,498859 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=993, hop limit=0                |
| 518   | 292,506848 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=994, hop limit=0 (reply in 519) |
| 519   | 293,359947 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=994, hop limit=0 (request in 518) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 20 m 120 Bytes |            |           |             |          |        |   |
|---|------------|-----------|-------------|----------|--------|---|
| No.   | Time       | Source    | Destination | Protocol | Length | Info  |
| 520   | 293,506312 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=995, hop limit=0 (reply in 521)  |
| 521   | 294,489957 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=995, hop limit=0 (request in 520)  |
| 522   | 294,506189 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=996, hop limit=0 (reply in 523)  |
| 523   | 294,566953 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=996, hop limit=0 (request in 522)  |
| 524   | 295,508075 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=997, hop limit=0                 |
| 525   | 296,514769 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=998, hop limit=0 (reply in 526)  |
| 526   | 296,712989 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=998, hop limit=0 (request in 525)  |
| 527   | 297,515747 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=999, hop limit=0 (reply in 528)  |
| 528   | 297,846982 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=999, hop limit=0 (request in 527)  |
| 529   | 298,516729 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1000, hop limit=0 (reply in 530) |
| 530   | 298,976011 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1000, hop limit=0 (request in 529) |
| 531   | 299,517745 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1001, hop limit=0 (reply in 532) |
| 532   | 300,105032 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1001, hop limit=0 (request in 531) |
| 533   | 300,518643 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1002, hop limit=0                |

**Tabla 29. Test para el nodo 7 con 6Lowpan a 30 m con LPL de 1024 ms, paquete de 120 B y con enrutamiento estático**

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 30 m 120 Bytes |           |           |             |          |        |  |
|---|-----------|-----------|-------------|----------|--------|--|
| No.   | Time      | Source    | Destination | Protocol | Length | Info   |
| 1   | 0         | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1181, hop limit=0                 |
| 2   | 0,68352   | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1182, hop limit=0 (reply in 3)  |
| 3   | 1,129022  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1182, hop limit=0 (request in 2)  |
| 4   | 1,683759  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1183, hop limit=0 (reply in 5)  |
| 5   | 2,260033  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1183, hop limit=0 (request in 4)  |
| 6   | 2,68367   | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1184, hop limit=0 (reply in 7)  |
| 7   | 3,389022  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1184, hop limit=0 (request in 6)  |
| 8   | 3,683467  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1185, hop limit=0 (reply in 9)  |
| 9   | 4,523035  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1185, hop limit=0 (request in 8)  |
| 10  | 4,683323  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1186, hop limit=0 (reply in 11) |
| 11  | 5,665074  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1186, hop limit=0 (request in 10) |
| 12  | 5,683342  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1187, hop limit=0 (reply in 13) |
| 13  | 5,745067  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1187, hop limit=0 (request in 12) |
| 14  | 6,685195  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1188, hop limit=0               |
| 15  | 7,693621  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1189, hop limit=0               |
| 16  | 8,701613  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1190, hop limit=0               |
| 17  | 9,709613  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1191, hop limit=0 (reply in 18) |
| 18  | 9,903121  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1191, hop limit=0 (request in 17) |
| 19  | 10,711151 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1192, hop limit=0 (reply in 20) |
| 20  | 11,031115 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1192, hop limit=0 (request in 19) |
| 21  | 11,711527 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1193, hop limit=0 (reply in 22) |
| 22  | 12,160124 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1193, hop limit=0 (request in 21) |
| 23  | 12,711524 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1194, hop limit=0 (reply in 24) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 30 m 120 Bytes |           |           |             |          |        |  |
|---|-----------|-----------|-------------|----------|--------|--|
| No.   | Time      | Source    | Destination | Protocol | Length | Info   |
| 24  | 13,289162 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1194, hop limit=0 (request in 23) |
| 25  | 13,711523 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1195, hop limit=0 (reply in 26) |
| 26  | 14,414176 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1195, hop limit=0 (request in 25) |
| 27  | 14,711514 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1196, hop limit=0 (reply in 28) |
| 28  | 15,540193 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1196, hop limit=0 (request in 27) |
| 29  | 15,711584 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1197, hop limit=0               |
| 30  | 16,711529 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1198, hop limit=0 (reply in 31) |
| 31  | 17,674214 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1198, hop limit=0 (request in 30) |
| 32  | 17,711485 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1199, hop limit=0 (reply in 33) |
| 33  | 17,772211 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1199, hop limit=0 (request in 32) |
| 34  | 18,713332 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1200, hop limit=0               |
| 35  | 19,721617 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1201, hop limit=0 (reply in 36) |
| 36  | 19,909245 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1201, hop limit=0 (request in 35) |
| 37  | 20,723296 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1202, hop limit=0 (reply in 38) |
| 38  | 21,033254 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1202, hop limit=0 (request in 37) |
| 39  | 21,723524 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1203, hop limit=0 (reply in 40) |
| 40  | 22,158264 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1203, hop limit=0 (request in 39) |
| 41  | 22,723491 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1204, hop limit=0 (reply in 42) |
| 42  | 23,287283 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1204, hop limit=0 (request in 41) |
| 43  | 23,723525 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1205, hop limit=0 (reply in 44) |
| 44  | 24,413273 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1205, hop limit=0 (request in 43) |
| 45  | 24,723514 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1206, hop limit=0 (reply in 46) |
| 46  | 25,539311 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1206, hop limit=0 (request in 45) |
| 47  | 25,723706 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1207, hop limit=0               |
| 48  | 26,723492 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1208, hop limit=0 (reply in 49) |
| 49  | 27,675342 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1208, hop limit=0 (request in 48) |
| 50  | 27,722634 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1209, hop limit=0 (reply in 51) |
| 51  | 27,78333  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1209, hop limit=0 (request in 50) |
| 52  | 28,723971 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1210, hop limit=0               |
| 53  | 29,723535 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1211, hop limit=0 (reply in 54) |
| 54  | 29,927359 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1211, hop limit=0 (request in 53) |
| 55  | 30,724668 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1212, hop limit=0 (reply in 56) |
| 56  | 31,055374 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1212, hop limit=0 (request in 55) |
| 57  | 31,726172 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1213, hop limit=0               |
| 58  | 32,733566 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1214, hop limit=0               |
| 59  | 33,741595 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1215, hop limit=0               |
| 60  | 34,749628 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1216, hop limit=0 (reply in 61) |
| 61  | 35,223443 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1216, hop limit=0 (request in 60) |
| 62  | 35,750178 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1217, hop limit=0 (reply in 63) |
| 63  | 36,35146  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1217, hop limit=0 (request in 62) |
| 64  | 36,750078 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1218, hop limit=0 (reply in 65) |
| 65  | 37,475464 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1218, hop limit=0 (request in 64) |
| 66  | 37,749941 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1219, hop limit=0               |
| 67  | 38,75766  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1220, hop limit=0 (reply in 68) |
| 68  | 39,609486 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1220, hop limit=0 (request in 67) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 30 m 120 Bytes |           |           |             |          |        |   |
|---|-----------|-----------|-------------|----------|--------|---|
| No.   | Time      | Source    | Destination | Protocol | Length | Info  |
| 69  | 39,757857 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1221, hop limit=0                |
| 70  | 40,765636 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1222, hop limit=0 (reply in 71)  |
| 71  | 41,744509 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1222, hop limit=0 (request in 70)  |
| 72  | 41,764774 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1223, hop limit=0 (reply in 73)  |
| 73  | 41,824504 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1223, hop limit=0 (request in 72)  |
| 74  | 42,766623 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1224, hop limit=0                |
| 75  | 43,773586 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1225, hop limit=0 (reply in 76)  |
| 76  | 43,959529 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1225, hop limit=0 (request in 75)  |
| 77  | 44,774572 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1226, hop limit=0 (reply in 78)  |
| 78  | 45,093507 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1226, hop limit=0 (request in 77)  |
| 79  | 45,775334 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1227, hop limit=0 (reply in 80)  |
| 80  | 46,222569 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1227, hop limit=0 (request in 79)  |
| 81  | 46,775354 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1228, hop limit=0 (reply in 82)  |
| 82  | 47,348554 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1228, hop limit=0 (request in 81)  |
| 83  | 47,775149 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1229, hop limit=0 (reply in 84)  |
| 84  | 48,477593 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1229, hop limit=0 (request in 83)  |
| 85  | 48,775122 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1230, hop limit=0 (reply in 86)  |
| 86  | 49,604602 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1230, hop limit=0 (request in 85)  |
| 87  | 49,774953 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1231, hop limit=0 (reply in 88)  |
| 88  | 50,732621 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1231, hop limit=0 (request in 87)  |
| 89  | 50,774894 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1232, hop limit=0 (reply in 90)  |
| 90  | 50,835587 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1232, hop limit=0 (request in 89)  |
| 91  | 51,776723 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1233, hop limit=0 (reply in 92)  |
| 92  | 51,969624 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1233, hop limit=0 (request in 91)  |
| 93  | 52,777658 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1234, hop limit=0 (reply in 94)  |
| 94  | 53,097649 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1234, hop limit=0 (request in 93)  |
| 95  | 53,777556 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1235, hop limit=0 (reply in 96)  |
| 96  | 54,223612 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1235, hop limit=0 (request in 95)  |
| 97  | 54,77732  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1236, hop limit=0 (reply in 98)  |
| 98  | 55,350676 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1236, hop limit=0 (request in 97)  |
| 99  | 55,777337 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1237, hop limit=0 (reply in 100) |
| 100   | 56,479665 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1237, hop limit=0 (request in 99)  |
| 101   | 56,777118 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1238, hop limit=0 (reply in 102) |
| 102   | 57,609697 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1238, hop limit=0 (request in 101) |
| 103   | 57,777048 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1239, hop limit=0 (reply in 104) |
| 104   | 58,743687 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1239, hop limit=0 (request in 103) |
| 105   | 58,776938 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1240, hop limit=0 (reply in 106) |
| 106   | 58,837706 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1240, hop limit=0 (request in 105) |
| 107   | 59,778795 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1241, hop limit=0 (reply in 108) |
| 108   | 59,970729 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1241, hop limit=0 (request in 107) |
| 109   | 60,779754 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1242, hop limit=0 (reply in 110) |
| 110   | 61,100742 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1242, hop limit=0 (request in 109) |
| 111   | 61,779622 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1243, hop limit=0 (reply in 112) |
| 112   | 62,226741 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1243, hop limit=0 (request in 111) |
| 113   | 62,779482 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1244, hop limit=0 (reply in 114) |



| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 30 m 120 Bytes |           |           |             |          |        |   |
|---|-----------|-----------|-------------|----------|--------|---|
| No.   | Time      | Source    | Destination | Protocol | Length | Info  |
| 114   | 63,355753 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1244, hop limit=0 (request in 113) |
| 115   | 63,779357 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1245, hop limit=0 (reply in 116) |
| 116   | 64,480761 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1245, hop limit=0 (request in 115) |
| 117   | 64,779203 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1246, hop limit=0 (reply in 118) |
| 118   | 65,609775 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1246, hop limit=0 (request in 117) |
| 119   | 65,779107 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1247, hop limit=0 (reply in 120) |
| 120   | 66,737806 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1247, hop limit=0 (request in 119) |
| 121   | 66,779063 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1248, hop limit=0 (reply in 122) |
| 122   | 66,840804 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1248, hop limit=0 (request in 121) |
| 123   | 67,780893 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1249, hop limit=0                |
| 124   | 68,789557 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1250, hop limit=0 (reply in 125) |
| 125   | 68,975832 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1250, hop limit=0 (request in 124) |
| 126   | 69,790481 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1251, hop limit=0 (reply in 127) |
| 127   | 70,107803 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1251, hop limit=0 (request in 126) |
| 128   | 70,790493 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1252, hop limit=0                |
| 129   | 71,797656 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1253, hop limit=0 (reply in 130) |
| 130   | 72,253874 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1253, hop limit=0 (request in 129) |
| 131   | 72,797612 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1254, hop limit=0                |
| 132   | 73,805619 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1255, hop limit=0 (reply in 133) |
| 133   | 74,390899 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1255, hop limit=0 (request in 132) |
| 134   | 74,805507 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1256, hop limit=0                |
| 135   | 75,813632 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1257, hop limit=0 (reply in 136) |
| 136   | 76,524926 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1257, hop limit=0 (request in 135) |
| 137   | 76,813426 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1258, hop limit=0 (reply in 138) |
| 138   | 77,658941 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1258, hop limit=0 (request in 137) |
| 139   | 77,813308 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1259, hop limit=0 (reply in 140) |
| 140   | 78,795929 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1259, hop limit=0 (request in 139) |
| 141   | 78,813182 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1260, hop limit=0 (reply in 142) |
| 142   | 78,874949 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1260, hop limit=0 (request in 141) |
| 143   | 79,814955 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1261, hop limit=0 (reply in 144) |
| 144   | 80,007954 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1261, hop limit=0 (request in 143) |
| 145   | 80,815932 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1262, hop limit=0 (reply in 146) |
| 146   | 81,135958 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1262, hop limit=0 (request in 145) |
| 147   | 81,815495 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1263, hop limit=0 (reply in 148) |
| 148   | 82,261998 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1263, hop limit=0 (request in 147) |
| 149   | 82,815521 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1264, hop limit=0 (reply in 150) |
| 150   | 83,39301  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1264, hop limit=0 (request in 149) |
| 151   | 83,815485 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1265, hop limit=0 (reply in 152) |
| 152   | 84,516029 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1265, hop limit=0 (request in 151) |
| 153   | 84,815549 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1266, hop limit=0 (reply in 154) |
| 154   | 85,642037 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1266, hop limit=0 (request in 153) |
| 155   | 85,815446 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1267, hop limit=0 (reply in 156) |
| 156   | 86,77705  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1267, hop limit=0 (request in 155) |
| 157   | 86,815317 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1268, hop limit=0 (reply in 158) |
| 158   | 86,877046 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1268, hop limit=0 (request in 157) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 30 m 120 Bytes |            |           |             |          |        |   |
|---|------------|-----------|-------------|----------|--------|---|
| No.   | Time       | Source    | Destination | Protocol | Length | Info  |
| 159   | 87,817163  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1269, hop limit=0                |
| 160   | 88,825623  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1270, hop limit=0 (reply in 161) |
| 161   | 89,011081  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1270, hop limit=0 (request in 160) |
| 162   | 89,827108  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1271, hop limit=0 (reply in 163) |
| 163   | 90,135094  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1271, hop limit=0 (request in 162) |
| 164   | 90,827008  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1272, hop limit=0 (reply in 165) |
| 165   | 91,271091  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1272, hop limit=0 (request in 164) |
| 166   | 91,826844  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1273, hop limit=0 (reply in 167) |
| 167   | 92,400098  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1273, hop limit=0 (request in 166) |
| 168   | 92,826706  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1274, hop limit=0 (reply in 169) |
| 169   | 93,528131  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1274, hop limit=0 (request in 168) |
| 170   | 93,826627  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1275, hop limit=0 (reply in 171) |
| 171   | 94,655131  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1275, hop limit=0 (request in 170) |
| 172   | 94,826504  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1276, hop limit=0 (reply in 173) |
| 173   | 95,782165  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1276, hop limit=0 (request in 172) |
| 174   | 95,826427  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1277, hop limit=0 (reply in 175) |
| 175   | 95,888163  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1277, hop limit=0 (request in 174) |
| 176   | 96,827809  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1278, hop limit=0                |
| 177   | 97,827519  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1279, hop limit=0 (reply in 178) |
| 178   | 98,026193  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1279, hop limit=0 (request in 177) |
| 179   | 98,828865  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1280, hop limit=0 (reply in 180) |
| 180   | 99,150198  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1280, hop limit=0 (request in 179) |
| 181   | 99,829089  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1281, hop limit=0 (reply in 182) |
| 182   | 100,276219 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1281, hop limit=0 (request in 181) |
| 183   | 100,82899  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1282, hop limit=0 (reply in 184) |
| 184   | 101,402228 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1282, hop limit=0 (request in 183) |
| 185   | 101,828825 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1283, hop limit=0 (reply in 186) |
| 186   | 102,528248 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1283, hop limit=0 (request in 185) |
| 187   | 102,828782 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1284, hop limit=0                |
| 188   | 103,831529 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1285, hop limit=0 (reply in 189) |
| 189   | 104,688252 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1285, hop limit=0 (request in 188) |
| 190   | 104,831559 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1286, hop limit=0 (reply in 191) |
| 191   | 105,816288 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1286, hop limit=0 (request in 190) |
| 192   | 105,831536 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1287, hop limit=0 (reply in 193) |
| 193   | 105,892282 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1287, hop limit=0 (request in 192) |
| 194   | 106,833393 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1288, hop limit=0                |
| 195   | 107,841601 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1289, hop limit=0                |
| 196   | 108,849562 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1290, hop limit=0 (reply in 197) |
| 197   | 109,047317 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1290, hop limit=0 (request in 196) |
| 198   | 109,851347 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1291, hop limit=0 (reply in 199) |
| 199   | 110,185339 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1291, hop limit=0 (request in 198) |
| 200   | 110,851244 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1292, hop limit=0 (reply in 201) |
| 201   | 111,319349 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1292, hop limit=0 (request in 200) |
| 202   | 111,851111 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1293, hop limit=0 (reply in 203) |
| 203   | 112,453342 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1293, hop limit=0 (request in 202) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 30 m 120 Bytes |            |           |             |          |        |   |
|---|------------|-----------|-------------|----------|--------|---|
| No.   | Time       | Source    | Destination | Protocol | Length | Info  |
| 204   | 112,850897 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1294, hop limit=0 (reply in 205) |
| 205   | 113,579381 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1294, hop limit=0 (request in 204) |
| 206   | 113,850894 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1295, hop limit=0 (reply in 207) |
| 207   | 114,707368 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1295, hop limit=0 (request in 206) |
| 208   | 114,850703 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1296, hop limit=0 (reply in 209) |
| 209   | 115,840402 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1296, hop limit=0 (request in 208) |
| 210   | 115,849684 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1297, hop limit=0 (reply in 211) |
| 211   | 115,911414 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1297, hop limit=0 (request in 210) |
| 212   | 116,851558 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1298, hop limit=0                |
| 213   | 117,851521 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1299, hop limit=0 (reply in 214) |
| 214   | 118,054427 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1299, hop limit=0 (request in 213) |
| 215   | 118,852444 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1300, hop limit=0 (reply in 216) |
| 216   | 119,183463 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1300, hop limit=0 (request in 215) |
| 217   | 119,852359 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1301, hop limit=0 (reply in 218) |
| 218   | 120,312457 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1301, hop limit=0 (request in 217) |
| 219   | 120,852221 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1302, hop limit=0 (reply in 220) |
| 220   | 121,441452 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1302, hop limit=0 (request in 219) |
| 221   | 121,852059 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1303, hop limit=0                |
| 222   | 122,855522 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1304, hop limit=0 (reply in 223) |
| 223   | 123,580496 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1304, hop limit=0 (request in 222) |
| 224   | 123,854985 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1305, hop limit=0 (reply in 225) |
| 225   | 124,708516 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1305, hop limit=0 (request in 224) |
| 226   | 124,854875 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1306, hop limit=0 (reply in 227) |
| 227   | 125,836531 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1306, hop limit=0 (request in 226) |
| 228   | 125,854796 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1307, hop limit=0 (reply in 229) |
| 229   | 125,916519 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1307, hop limit=0 (request in 228) |
| 230   | 126,856647 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1308, hop limit=0 (reply in 231) |
| 231   | 127,050536 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1308, hop limit=0 (request in 230) |
| 232   | 127,857523 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1309, hop limit=0 (reply in 233) |
| 233   | 128,17956  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1309, hop limit=0 (request in 232) |
| 234   | 128,857468 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1310, hop limit=0 (reply in 235) |
| 235   | 129,30555  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1310, hop limit=0 (request in 234) |
| 236   | 129,857278 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1311, hop limit=0 (reply in 237) |
| 237   | 130,432559 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1311, hop limit=0 (request in 236) |
| 238   | 130,857124 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1312, hop limit=0 (reply in 239) |
| 239   | 131,560573 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1312, hop limit=0 (request in 238) |
| 240   | 131,857033 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1313, hop limit=0 (reply in 241) |
| 241   | 132,68959  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1313, hop limit=0 (request in 240) |
| 242   | 132,85692  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1314, hop limit=0 (reply in 243) |
| 243   | 133,813624 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1314, hop limit=0 (request in 242) |
| 244   | 133,856887 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1315, hop limit=0 (reply in 245) |
| 245   | 133,918623 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1315, hop limit=0 (request in 244) |
| 246   | 134,858749 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1316, hop limit=0 (reply in 247) |
| 247   | 135,048639 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1316, hop limit=0 (request in 246) |
| 248   | 135,85967  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1317, hop limit=0 (reply in 249) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 30 m 120 Bytes |            |           |             |          |        |   |
|---|------------|-----------|-------------|----------|--------|---|
| No.   | Time       | Source    | Destination | Protocol | Length | Info  |
| 249   | 136,177649 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1317, hop limit=0 (request in 248) |
| 250   | 136,859561 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1318, hop limit=0 (reply in 251) |
| 251   | 137,313647 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1318, hop limit=0 (request in 250) |
| 252   | 137,859389 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1319, hop limit=0 (reply in 253) |
| 253   | 138,442662 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1319, hop limit=0 (request in 252) |
| 254   | 138,85925  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1320, hop limit=0 (reply in 255) |
| 255   | 139,571669 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1320, hop limit=0 (request in 254) |
| 256   | 139,859104 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1321, hop limit=0 (reply in 257) |
| 257   | 140,70171  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1321, hop limit=0 (request in 256) |
| 258   | 140,859091 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1322, hop limit=0 (reply in 259) |
| 259   | 141,829715 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1322, hop limit=0 (request in 258) |
| 260   | 141,858971 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1323, hop limit=0                |
| 261   | 142,865619 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1324, hop limit=0 (reply in 262) |
| 262   | 142,954732 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1324, hop limit=0 (request in 261) |
| 263   | 143,866836 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1325, hop limit=0                |
| 264   | 144,867529 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1326, hop limit=0                |
| 265   | 145,86754  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1327, hop limit=0 (reply in 266) |
| 266   | 146,103741 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1327, hop limit=0 (request in 265) |
| 267   | 146,867494 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1328, hop limit=0                |
| 268   | 147,867518 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1329, hop limit=0 (reply in 269) |
| 269   | 148,2408   | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1329, hop limit=0 (request in 268) |
| 270   | 148,867618 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1330, hop limit=0 (reply in 271) |
| 271   | 149,365793 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1330, hop limit=0 (request in 270) |
| 272   | 149,86747  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1331, hop limit=0 (reply in 273) |
| 273   | 150,493809 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1331, hop limit=0 (request in 272) |
| 274   | 150,867352 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1332, hop limit=0                |
| 275   | 151,873614 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1333, hop limit=0 (reply in 276) |
| 276   | 152,628854 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1333, hop limit=0 (request in 275) |
| 277   | 152,873296 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1334, hop limit=0 (reply in 278) |
| 278   | 153,754866 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1334, hop limit=0 (request in 277) |
| 279   | 153,873205 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1335, hop limit=0 (reply in 280) |
| 280   | 154,880875 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1335, hop limit=0 (request in 279) |
| 281   | 154,881026 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1336, hop limit=0 (reply in 282) |
| 282   | 154,941871 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1336, hop limit=0 (request in 281) |
| 283   | 155,882999 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1337, hop limit=0 (reply in 284) |
| 284   | 156,075862 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1337, hop limit=0 (request in 283) |
| 285   | 156,883522 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1338, hop limit=0 (reply in 286) |
| 286   | 157,201883 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1338, hop limit=0 (request in 285) |
| 287   | 157,883492 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1339, hop limit=0 (reply in 288) |
| 288   | 158,328917 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1339, hop limit=0 (request in 287) |
| 289   | 158,883518 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1340, hop limit=0                |
| 290   | 159,883515 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1341, hop limit=0 (reply in 291) |
| 291   | 160,473948 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1341, hop limit=0 (request in 290) |
| 292   | 160,883594 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1342, hop limit=0 (reply in 293) |
| 293   | 161,59794  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1342, hop limit=0 (request in 292) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 30 m 120 Bytes |            |           |             |          |        |   |
|---|------------|-----------|-------------|----------|--------|---|
| No.   | Time       | Source    | Destination | Protocol | Length | Info  |
| 294   | 161,883389 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1343, hop limit=0 (reply in 295) |
| 295   | 162,723974 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1343, hop limit=0 (request in 294) |
| 296   | 162,883345 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1344, hop limit=0                |
| 297   | 163,88962  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1345, hop limit=0 (reply in 298) |
| 298   | 164,859004 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1345, hop limit=0 (request in 297) |
| 299   | 164,889269 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1346, hop limit=0 (reply in 300) |
| 300   | 164,950992 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1346, hop limit=0 (request in 299) |
| 301   | 165,890512 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1347, hop limit=0                |
| 302   | 166,897645 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1348, hop limit=0 (reply in 303) |
| 303   | 167,096028 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1348, hop limit=0 (request in 302) |
| 304   | 167,89807  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1349, hop limit=0 (reply in 305) |
| 305   | 168,229023 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1349, hop limit=0 (request in 304) |
| 306   | 168,897863 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1350, hop limit=0 (reply in 307) |
| 307   | 169,357049 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1350, hop limit=0 (request in 306) |
| 308   | 169,897818 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1351, hop limit=0 (reply in 309) |
| 309   | 170,48307  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1351, hop limit=0 (request in 308) |
| 310   | 170,897718 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1352, hop limit=0 (reply in 311) |
| 311   | 171,611062 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1352, hop limit=0 (request in 310) |
| 312   | 171,897514 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1353, hop limit=0                |
| 313   | 172,905637 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1354, hop limit=0                |
| 314   | 173,913625 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1355, hop limit=0 (reply in 315) |
| 315   | 174,755121 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1355, hop limit=0 (request in 314) |
| 316   | 174,913499 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1356, hop limit=0                |
| 317   | 175,915517 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1357, hop limit=0 (reply in 318) |
| 318   | 176,89214  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1357, hop limit=0 (request in 317) |
| 319   | 176,915412 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1358, hop limit=0 (reply in 320) |
| 320   | 176,976136 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1358, hop limit=0 (request in 319) |
| 321   | 177,917256 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1359, hop limit=0 (reply in 322) |
| 322   | 178,110159 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1359, hop limit=0 (request in 321) |
| 323   | 178,917175 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1360, hop limit=0 (reply in 324) |
| 324   | 179,234169 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1360, hop limit=0 (request in 323) |
| 325   | 179,917062 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1361, hop limit=0 (reply in 326) |
| 326   | 180,36118  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1361, hop limit=0 (request in 325) |
| 327   | 180,916936 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1362, hop limit=0 (reply in 328) |
| 328   | 181,490194 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1362, hop limit=0 (request in 327) |
| 329   | 181,916807 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1363, hop limit=0                |
| 330   | 182,925588 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1364, hop limit=0 (reply in 331) |
| 331   | 183,625208 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1364, hop limit=0 (request in 330) |
| 332   | 183,925665 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1365, hop limit=0 (reply in 333) |
| 333   | 184,762243 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1365, hop limit=0 (request in 332) |
| 334   | 184,925625 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1366, hop limit=0 (reply in 335) |
| 335   | 185,892257 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1366, hop limit=0 (request in 334) |
| 336   | 185,925523 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1367, hop limit=0 (reply in 337) |
| 337   | 185,986245 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1367, hop limit=0 (request in 336) |
| 338   | 186,927378 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1368, hop limit=0 (reply in 339) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 30 m 120 Bytes |            |           |             |          |        |   |
|---|------------|-----------|-------------|----------|--------|---|
| No.   | Time       | Source    | Destination | Protocol | Length | Info  |
| 339   | 187,119261 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1368, hop limit=0 (request in 338) |
| 340   | 187,927258 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1369, hop limit=0 (reply in 341) |
| 341   | 188,246279 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1369, hop limit=0 (request in 340) |
| 342   | 188,927195 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1370, hop limit=0 (reply in 343) |
| 343   | 189,375291 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1370, hop limit=0 (request in 342) |
| 344   | 189,927062 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1371, hop limit=0 (reply in 345) |
| 345   | 190,503288 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1371, hop limit=0 (request in 344) |
| 346   | 190,926879 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1372, hop limit=0 (reply in 347) |
| 347   | 191,62832  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1372, hop limit=0 (request in 346) |
| 348   | 191,926841 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1373, hop limit=0 (reply in 349) |
| 349   | 192,757333 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1373, hop limit=0 (request in 348) |
| 350   | 192,926718 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1374, hop limit=0 (reply in 351) |
| 351   | 193,881352 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1374, hop limit=0 (request in 350) |
| 352   | 193,926615 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1375, hop limit=0 (reply in 353) |
| 353   | 193,988321 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1375, hop limit=0 (request in 352) |
| 354   | 194,927519 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1376, hop limit=0                |
| 355   | 195,927521 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1377, hop limit=0 (reply in 356) |
| 356   | 196,126374 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1377, hop limit=0 (request in 355) |
| 357   | 196,927419 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1378, hop limit=0                |
| 358   | 197,927533 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1379, hop limit=0                |
| 359   | 198,927522 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1380, hop limit=0 (reply in 360) |
| 360   | 199,283407 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1380, hop limit=0 (request in 359) |
| 361   | 199,928231 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1381, hop limit=0                |
| 362   | 200,92752  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1382, hop limit=0 (reply in 363) |
| 363   | 201,429424 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1382, hop limit=0 (request in 362) |
| 364   | 201,927102 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1383, hop limit=0 (reply in 365) |
| 365   | 202,555442 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1383, hop limit=0 (request in 364) |
| 366   | 202,926992 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1384, hop limit=0 (reply in 367) |
| 367   | 203,685446 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1384, hop limit=0 (request in 366) |
| 368   | 203,926848 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1385, hop limit=0 (reply in 369) |
| 369   | 204,834483 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1385, hop limit=0 (request in 368) |
| 370   | 204,926794 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1386, hop limit=0 (reply in 372) |
| 371   | 205,933642 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1387, hop limit=0 (reply in 373) |
| 372   | 205,968489 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1386, hop limit=0 (request in 370) |
| 373   | 206,004495 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1387, hop limit=0 (request in 371) |
| 374   | 206,935621 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1388, hop limit=0 (reply in 375) |
| 375   | 207,128511 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1388, hop limit=0 (request in 374) |
| 376   | 207,935514 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1389, hop limit=0 (reply in 377) |
| 377   | 208,253525 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1389, hop limit=0 (request in 376) |
| 378   | 208,935438 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1390, hop limit=0 (reply in 379) |
| 379   | 209,380538 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1390, hop limit=0 (request in 378) |
| 380   | 209,935302 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1391, hop limit=0 (reply in 381) |
| 381   | 210,509528 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1391, hop limit=0 (request in 380) |
| 382   | 210,935122 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1392, hop limit=0                |
| 383   | 211,941627 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1393, hop limit=0 (reply in 384) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 30 m 120 Bytes |            |           |             |          |        |   |
|---|------------|-----------|-------------|----------|--------|---|
| No.   | Time       | Source    | Destination | Protocol | Length | Info  |
| 384   | 212,64355  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1393, hop limit=0 (request in 383) |
| 385   | 212,941074 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1394, hop limit=0 (reply in 386) |
| 386   | 213,778588 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1394, hop limit=0 (request in 385) |
| 387   | 213,940964 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1395, hop limit=0 (reply in 388) |
| 388   | 214,905608 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1395, hop limit=0 (request in 387) |
| 389   | 214,94088  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1396, hop limit=0 (reply in 390) |
| 390   | 215,001601 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1396, hop limit=0 (request in 389) |
| 391   | 215,942733 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1397, hop limit=0                |
| 392   | 216,949647 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1398, hop limit=0 (reply in 393) |
| 393   | 217,146625 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1398, hop limit=0 (request in 392) |
| 394   | 217,949618 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1399, hop limit=0 (reply in 395) |
| 395   | 218,269641 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1399, hop limit=0 (request in 394) |
| 396   | 218,949517 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1400, hop limit=0 (reply in 397) |
| 397   | 219,397655 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1400, hop limit=0 (request in 396) |
| 398   | 219,949428 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1401, hop limit=0 (reply in 399) |
| 399   | 220,523669 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1401, hop limit=0 (request in 398) |
| 400   | 220,949315 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1402, hop limit=0 (reply in 401) |
| 401   | 221,650688 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1402, hop limit=0 (request in 400) |
| 402   | 221,949201 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1403, hop limit=0 (reply in 403) |
| 403   | 222,777703 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1403, hop limit=0 (request in 402) |
| 404   | 222,94909  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1404, hop limit=0 (reply in 405) |
| 405   | 223,906718 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1404, hop limit=0 (request in 404) |
| 406   | 223,948983 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1405, hop limit=0 (reply in 407) |
| 407   | 224,010713 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1405, hop limit=0 (request in 406) |
| 408   | 224,950836 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1406, hop limit=0                |
| 409   | 225,957653 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1407, hop limit=0 (reply in 410) |
| 410   | 226,149751 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1407, hop limit=0 (request in 409) |
| 411   | 226,957777 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1408, hop limit=0 (reply in 412) |
| 412   | 227,275755 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1408, hop limit=0 (request in 411) |
| 413   | 227,957639 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1409, hop limit=0                |
| 414   | 228,9656   | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1410, hop limit=0 (reply in 415) |
| 415   | 229,422774 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1410, hop limit=0 (request in 414) |
| 416   | 229,965497 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1411, hop limit=0 (reply in 417) |
| 417   | 230,551749 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1411, hop limit=0 (request in 416) |
| 418   | 230,965315 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1412, hop limit=0                |
| 419   | 231,973632 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1413, hop limit=0                |
| 420   | 232,981539 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1414, hop limit=0 (reply in 421) |
| 421   | 233,695855 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1414, hop limit=0 (request in 420) |
| 422   | 233,981378 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1415, hop limit=0 (reply in 423) |
| 423   | 234,82684  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1415, hop limit=0 (request in 422) |
| 424   | 234,981179 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1416, hop limit=0 (reply in 425) |
| 425   | 235,955854 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1416, hop limit=0 (request in 424) |
| 426   | 235,981108 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1417, hop limit=0 (reply in 427) |
| 427   | 236,04186  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1417, hop limit=0 (request in 426) |
| 428   | 236,982991 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1418, hop limit=0 (reply in 429) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 30 m 120 Bytes |            |           |             |          |        |   |
|---|------------|-----------|-------------|----------|--------|---|
| No.   | Time       | Source    | Destination | Protocol | Length | Info  |
| 429   | 237,176874 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1418, hop limit=0 (request in 428) |
| 430   | 237,982891 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1419, hop limit=0 (reply in 431) |
| 431   | 238,299861 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1419, hop limit=0 (request in 430) |
| 432   | 238,982775 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1420, hop limit=0                |
| 433   | 239,989625 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1421, hop limit=0 (reply in 434) |
| 434   | 240,444918 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1421, hop limit=0 (request in 433) |
| 435   | 240,989699 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1422, hop limit=0                |
| 436   | 241,997596 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1423, hop limit=0 (reply in 437) |
| 437   | 242,579936 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1423, hop limit=0 (request in 436) |
| 438   | 242,997549 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1424, hop limit=0 (reply in 439) |
| 439   | 243,712958 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1424, hop limit=0 (request in 438) |
| 440   | 243,997464 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1425, hop limit=0 (reply in 441) |
| 441   | 244,837963 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1425, hop limit=0 (request in 440) |
| 442   | 244,997336 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1426, hop limit=0                |
| 443   | 246,005597 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1427, hop limit=0 (reply in 444) |
| 444   | 246,983988 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1427, hop limit=0 (request in 443) |
| 445   | 247,005218 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1428, hop limit=0 (reply in 446) |
| 446   | 247,065985 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1428, hop limit=0 (request in 445) |
| 447   | 248,007107 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1429, hop limit=0                |
| 448   | 249,013614 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1430, hop limit=0 (reply in 449) |
| 449   | 249,205976 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1430, hop limit=0 (request in 448) |
| 450   | 250,01391  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1431, hop limit=0                |
| 451   | 251,021591 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1432, hop limit=0                |
| 452   | 252,029623 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1433, hop limit=0 (reply in 453) |
| 453   | 252,351062 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1433, hop limit=0 (request in 452) |
| 454   | 253,029968 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1434, hop limit=0 (reply in 455) |
| 455   | 253,474073 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1434, hop limit=0 (request in 454) |
| 456   | 254,029829 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1435, hop limit=0 (reply in 457) |
| 457   | 254,602082 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1435, hop limit=0 (request in 456) |
| 458   | 255,029697 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1436, hop limit=0 (reply in 459) |
| 459   | 255,730101 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1436, hop limit=0 (request in 458) |
| 460   | 256,029627 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1437, hop limit=0                |
| 461   | 257,037627 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1438, hop limit=0 (reply in 462) |
| 462   | 257,875121 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1438, hop limit=0 (request in 461) |
| 463   | 258,037489 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1439, hop limit=0                |
| 464   | 259,045622 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1440, hop limit=0                |
| 465   | 260,053608 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1441, hop limit=0 (reply in 466) |
| 466   | 261,020159 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1441, hop limit=0 (request in 465) |
| 467   | 261,05339  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1442, hop limit=0 (reply in 468) |
| 468   | 261,113161 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1442, hop limit=0 (request in 467) |
| 469   | 262,054322 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1443, hop limit=0 (reply in 470) |
| 470   | 262,243175 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1443, hop limit=0 (request in 469) |
| 471   | 263,05522  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1444, hop limit=0                |
| 472   | 264,061626 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1445, hop limit=0 (reply in 473) |
| 473   | 264,377198 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1445, hop limit=0 (request in 472) |



| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 30 m 120 Bytes |            |           |             |          |        |   |
|---|------------|-----------|-------------|----------|--------|---|
| No.   | Time       | Source    | Destination | Protocol | Length | Info  |
| 474   | 265,062062 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1446, hop limit=0                |
| 475   | 266,069593 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1447, hop limit=0 (reply in 476) |
| 476   | 266,513233 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1447, hop limit=0 (request in 475) |
| 477   | 267,070018 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1448, hop limit=0 (reply in 478) |
| 478   | 267,643236 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1448, hop limit=0 (request in 477) |
| 479   | 268,069893 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1449, hop limit=0                |
| 480   | 269,077621 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1450, hop limit=0                |
| 481   | 270,08562  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1451, hop limit=0                |
| 482   | 271,093626 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1452, hop limit=0 (reply in 483) |
| 483   | 271,800289 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1452, hop limit=0 (request in 482) |
| 484   | 272,093764 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1453, hop limit=0 (reply in 485) |
| 485   | 272,924279 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1453, hop limit=0 (request in 484) |
| 486   | 273,093626 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1454, hop limit=0 (reply in 487) |
| 487   | 274,051323 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1454, hop limit=0 (request in 486) |
| 488   | 274,093612 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1455, hop limit=0 (reply in 489) |
| 489   | 274,154291 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1455, hop limit=0 (request in 488) |
| 490   | 275,094412 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1456, hop limit=0                |
| 491   | 276,101655 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1457, hop limit=0                |
| 492   | 277,109591 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1458, hop limit=0                |
| 493   | 278,117563 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1459, hop limit=0 (reply in 494) |
| 494   | 278,314372 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1459, hop limit=0 (request in 493) |
| 495   | 279,119437 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1460, hop limit=0 (reply in 496) |
| 496   | 279,439379 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1460, hop limit=0 (request in 495) |
| 497   | 280,120291 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1461, hop limit=0                |
| 498   | 281,119488 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1462, hop limit=0                |
| 499   | 282,119521 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1463, hop limit=0 (reply in 500) |
| 500   | 282,594428 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1463, hop limit=0 (request in 499) |
| 501   | 283,120149 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1464, hop limit=0 (reply in 502) |
| 502   | 283,730422 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1464, hop limit=0 (request in 501) |
| 503   | 284,12098  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1465, hop limit=0                |
| 504   | 285,129635 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1466, hop limit=0 (reply in 505) |
| 505   | 285,874465 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1466, hop limit=0 (request in 504) |
| 506   | 286,130941 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1467, hop limit=0                |
| 507   | 287,137669 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1468, hop limit=0 (reply in 508) |
| 508   | 288,011475 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1468, hop limit=0 (request in 507) |
| 509   | 288,138812 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1469, hop limit=0                |
| 510   | 289,145639 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1470, hop limit=0 (reply in 511) |
| 511   | 290,146511 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1470, hop limit=0 (request in 510) |
| 512   | 290,146659 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1471, hop limit=0 (reply in 513) |
| 513   | 290,210484 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1471, hop limit=0 (request in 512) |
| 514   | 291,148596 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1472, hop limit=0 (reply in 515) |
| 515   | 291,339498 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1472, hop limit=0 (request in 514) |
| 516   | 292,149501 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1473, hop limit=0 (reply in 517) |
| 517   | 292,469543 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1473, hop limit=0 (request in 516) |
| 518   | 293,150439 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1474, hop limit=0 (reply in 519) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 30 m 120 Bytes |            |           |             |          |        |   |
|---|------------|-----------|-------------|----------|--------|---|
| No.   | Time       | Source    | Destination | Protocol | Length | Info  |
| 519   | 293,59855  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1474, hop limit=0 (request in 518) |
| 520   | 294,151301 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1475, hop limit=0 (reply in 521) |
| 521   | 294,721552 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1475, hop limit=0 (request in 520) |
| 522   | 295,151704 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1476, hop limit=0                |
| 523   | 296,151518 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1477, hop limit=0                |
| 524   | 297,151525 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1478, hop limit=0                |
| 525   | 298,151523 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1479, hop limit=0 (reply in 526) |
| 526   | 298,887594 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1479, hop limit=0 (request in 525) |
| 527   | 299,152057 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1480, hop limit=0 (reply in 528) |
| 528   | 300,022632 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1480, hop limit=0 (request in 527) |
| 529   | 300,152931 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1481, hop limit=0                |

**Tabla 30. Test para el nodo 7 con 6Lowpan a 40 m con LPL de 1024 ms, paquete de 120 B y con enrutamiento estático**

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 40 m 120 Bytes |           |           |             |          |        |  |
|---|-----------|-----------|-------------|----------|--------|--|
| No.   | Time      | Source    | Destination | Protocol | Length | Info   |
| 1   | 0         | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1720, hop limit=0               |
| 2   | 1,00795   | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1721, hop limit=0 (reply in 3)  |
| 3   | 1,864945  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1721, hop limit=0 (request in 2)  |
| 4   | 2,0073    | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1722, hop limit=0               |
| 5   | 3,015984  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1723, hop limit=0               |
| 6   | 4,023992  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1724, hop limit=0 (reply in 7)  |
| 7   | 5,009987  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1724, hop limit=0 (request in 6)  |
| 8   | 5,023254  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1725, hop limit=0 (reply in 9)  |
| 9   | 5,084978  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1725, hop limit=0 (request in 8)  |
| 10  | 6,025111  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1726, hop limit=0               |
| 11  | 7,031961  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1727, hop limit=0 (reply in 12) |
| 12  | 7,23798   | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1727, hop limit=0 (request in 11) |
| 13  | 8,032973  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1728, hop limit=0 (reply in 14) |
| 14  | 8,363977  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1728, hop limit=0 (request in 13) |
| 15  | 9,033846  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1729, hop limit=0 (reply in 16) |
| 16  | 9,49004   | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1729, hop limit=0 (request in 15) |
| 17  | 10,033841 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1730, hop limit=0 (reply in 18) |
| 18  | 10,618053 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1730, hop limit=0 (request in 17) |
| 19  | 11,033698 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1731, hop limit=0               |
| 20  | 12,040015 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1732, hop limit=0 (reply in 21) |
| 21  | 12,765072 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1732, hop limit=0 (request in 20) |
| 22  | 13,039564 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1733, hop limit=0 (reply in 23) |
| 23  | 13,892091 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1733, hop limit=0 (request in 22) |
| 24  | 14,039446 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1734, hop limit=0               |
| 25  | 15,047986 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1735, hop limit=0 (reply in 26) |
| 26  | 16,026111 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1735, hop limit=0 (request in 25) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 40 m 120 Bytes |           |           |             |          |        |  |
|---|-----------|-----------|-------------|----------|--------|--|
| No.   | Time      | Source    | Destination | Protocol | Length | Info   |
| 27  | 16,047372 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1736, hop limit=0 (reply in 28) |
| 28  | 16,107107 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1736, hop limit=0 (request in 27) |
| 29  | 17,049228 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1737, hop limit=0               |
| 30  | 18,055996 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1738, hop limit=0 (reply in 31) |
| 31  | 18,244142 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1738, hop limit=0 (request in 30) |
| 32  | 19,05717  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1739, hop limit=0               |
| 33  | 20,064036 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1740, hop limit=0 (reply in 34) |
| 34  | 20,378138 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1740, hop limit=0 (request in 33) |
| 35  | 21,064022 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1741, hop limit=0               |
| 36  | 22,072008 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1742, hop limit=0               |
| 37  | 23,079985 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1743, hop limit=0 (reply in 38) |
| 38  | 23,522207 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1743, hop limit=0 (request in 37) |
| 39  | 24,079979 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1744, hop limit=0               |
| 40  | 25,088037 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1745, hop limit=0 (reply in 41) |
| 41  | 25,663235 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1745, hop limit=0 (request in 40) |
| 42  | 26,087894 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1746, hop limit=0 (reply in 43) |
| 43  | 26,789249 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1746, hop limit=0 (request in 42) |
| 44  | 27,08777  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1747, hop limit=0 (reply in 45) |
| 45  | 27,916256 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1747, hop limit=0 (request in 44) |
| 46  | 28,087631 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1748, hop limit=0 (reply in 47) |
| 47  | 29,04327  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1748, hop limit=0 (request in 46) |
| 48  | 29,087497 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1749, hop limit=0 (reply in 49) |
| 49  | 29,149273 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1749, hop limit=0 (request in 48) |
| 50  | 30,089414 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1750, hop limit=0               |
| 51  | 31,096038 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1751, hop limit=0 (reply in 52) |
| 52  | 31,295274 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1751, hop limit=0 (request in 51) |
| 53  | 32,097266 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1752, hop limit=0 (reply in 54) |
| 54  | 32,421311 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1752, hop limit=0 (request in 53) |
| 55  | 33,097208 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1753, hop limit=0 (reply in 56) |
| 56  | 33,547324 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1753, hop limit=0 (request in 55) |
| 57  | 34,097101 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1754, hop limit=0               |
| 58  | 35,103984 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1755, hop limit=0 (reply in 59) |
| 59  | 35,684351 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1755, hop limit=0 (request in 58) |
| 60  | 36,103991 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1756, hop limit=0 (reply in 61) |
| 61  | 36,814345 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1756, hop limit=0 (request in 60) |
| 62  | 37,103827 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1757, hop limit=0 (reply in 63) |
| 63  | 37,948378 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1757, hop limit=0 (request in 62) |
| 64  | 38,103747 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1758, hop limit=0 (reply in 65) |
| 65  | 39,081396 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1758, hop limit=0 (request in 64) |
| 66  | 39,10366  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1759, hop limit=0 (reply in 67) |
| 67  | 39,165374 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1759, hop limit=0 (request in 66) |
| 68  | 40,105497 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1760, hop limit=0               |
| 69  | 41,112043 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1761, hop limit=0 (reply in 70) |
| 70  | 41,299415 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1761, hop limit=0 (request in 69) |
| 71  | 42,112866 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1762, hop limit=0               |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 40 m 120 Bytes |           |           |             |          |        |   |
|---|-----------|-----------|-------------|----------|--------|---|
| No.   | Time      | Source    | Destination | Protocol | Length | Info  |
| 72  | 43,120032 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1763, hop limit=0 (reply in 73)  |
| 73  | 43,445425 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1763, hop limit=0 (request in 72)  |
| 74  | 44,120277 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1764, hop limit=0 (reply in 75)  |
| 75  | 44,569463 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1764, hop limit=0 (request in 74)  |
| 76  | 45,12024  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1765, hop limit=0 (reply in 77)  |
| 77  | 45,694447 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1765, hop limit=0 (request in 76)  |
| 78  | 46,120071 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1766, hop limit=0 (reply in 79)  |
| 79  | 46,829493 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1766, hop limit=0 (request in 78)  |
| 80  | 47,120011 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1767, hop limit=0                |
| 81  | 48,1219   | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1768, hop limit=0                |
| 82  | 49,121907 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1769, hop limit=0 (reply in 83)  |
| 83  | 49,976521 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1769, hop limit=0 (request in 82)  |
| 84  | 50,121887 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1770, hop limit=0 (reply in 85)  |
| 85  | 51,105536 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1770, hop limit=0 (request in 84)  |
| 86  | 51,121766 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1771, hop limit=0 (reply in 87)  |
| 87  | 51,183534 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1771, hop limit=0 (request in 86)  |
| 88  | 52,123657 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1772, hop limit=0                |
| 89  | 53,132006 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1773, hop limit=0                |
| 90  | 54,140008 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1774, hop limit=0 (reply in 91)  |
| 91  | 54,342583 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1774, hop limit=0 (request in 90)  |
| 92  | 55,141631 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1775, hop limit=0 (reply in 93)  |
| 93  | 55,472586 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1775, hop limit=0 (request in 92)  |
| 94  | 56,141463 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1776, hop limit=0 (reply in 95)  |
| 95  | 56,600605 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1776, hop limit=0 (request in 94)  |
| 96  | 57,141376 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1777, hop limit=0                |
| 97  | 58,148042 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1778, hop limit=0 (reply in 98)  |
| 98  | 58,741615 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1778, hop limit=0 (request in 97)  |
| 99  | 59,148202 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1779, hop limit=0 (reply in 100) |
| 100   | 59,876641 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1779, hop limit=0 (request in 99)  |
| 101   | 60,148091 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1780, hop limit=0 (reply in 102) |
| 102   | 61,002665 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1780, hop limit=0 (request in 101) |
| 103   | 61,148029 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1781, hop limit=0 (reply in 104) |
| 104   | 62,129672 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1781, hop limit=0 (request in 103) |
| 105   | 62,147925 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1782, hop limit=0 (reply in 106) |
| 106   | 62,209667 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1782, hop limit=0 (request in 105) |
| 107   | 63,149803 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1783, hop limit=0 (reply in 108) |
| 108   | 63,354684 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1783, hop limit=0 (request in 107) |
| 109   | 64,150456 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1784, hop limit=0 (reply in 110) |
| 110   | 64,480683 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1784, hop limit=0 (request in 109) |
| 111   | 65,150527 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1785, hop limit=0                |
| 112   | 66,149933 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1786, hop limit=0 (reply in 113) |
| 113   | 66,627731 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1786, hop limit=0 (request in 112) |
| 114   | 67,150446 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1787, hop limit=0 (reply in 115) |
| 115   | 67,752719 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1787, hop limit=0 (request in 114) |
| 116   | 68,14987  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1788, hop limit=0                |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 40 m 120 Bytes |           |           |             |          |        |   |
|---|-----------|-----------|-------------|----------|--------|---|
| No.   | Time      | Source    | Destination | Protocol | Length | Info  |
| 117   | 69,149882 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1789, hop limit=0 (reply in 118) |
| 118   | 69,89777  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1789, hop limit=0 (request in 117) |
| 119   | 70,149243 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1790, hop limit=0 (reply in 120) |
| 120   | 71,027777 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1790, hop limit=0 (request in 119) |
| 121   | 71,149089 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1791, hop limit=0 (reply in 123) |
| 122   | 72,149869 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1792, hop limit=0 (reply in 124) |
| 123   | 72,152833 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1791, hop limit=0 (request in 121) |
| 124   | 72,210788 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1792, hop limit=0 (request in 122) |
| 125   | 73,150918 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1793, hop limit=0                |
| 126   | 74,159994 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1794, hop limit=0 (reply in 127) |
| 127   | 74,34482  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1794, hop limit=0 (request in 126) |
| 128   | 75,161875 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1795, hop limit=0 (reply in 129) |
| 129   | 75,469823 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1795, hop limit=0 (request in 128) |
| 130   | 76,161658 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1796, hop limit=0 (reply in 131) |
| 131   | 76,597853 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1796, hop limit=0 (request in 130) |
| 132   | 77,16163  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1797, hop limit=0 (reply in 133) |
| 133   | 77,724858 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1797, hop limit=0 (request in 132) |
| 134   | 78,161519 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1798, hop limit=0 (reply in 135) |
| 135   | 78,853865 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1798, hop limit=0 (request in 134) |
| 136   | 79,161384 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1799, hop limit=0 (reply in 137) |
| 137   | 79,980892 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1799, hop limit=0 (request in 136) |
| 138   | 80,161288 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1800, hop limit=0                |
| 139   | 81,168054 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1801, hop limit=0                |
| 140   | 82,176009 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1802, hop limit=0 (reply in 141) |
| 141   | 83,128921 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1802, hop limit=0 (request in 140) |
| 142   | 83,175199 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1803, hop limit=0 (reply in 143) |
| 143   | 83,236934 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1803, hop limit=0 (request in 142) |
| 144   | 84,177106 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1804, hop limit=0                |
| 145   | 85,177894 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1805, hop limit=0 (reply in 146) |
| 146   | 85,370953 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1805, hop limit=0 (request in 145) |
| 147   | 86,178976 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1806, hop limit=0 (reply in 148) |
| 148   | 86,500971 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1806, hop limit=0 (request in 147) |
| 149   | 87,178873 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1807, hop limit=0 (reply in 150) |
| 150   | 87,631033 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1807, hop limit=0 (request in 149) |
| 151   | 88,178805 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1808, hop limit=0                |
| 152   | 89,177923 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1809, hop limit=0 (reply in 153) |
| 153   | 89,770011 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1809, hop limit=0 (request in 152) |
| 154   | 90,177638 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1810, hop limit=0                |
| 155   | 91,177913 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1811, hop limit=0 (reply in 156) |
| 156   | 91,924036 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1811, hop limit=0 (request in 155) |
| 157   | 92,177498 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1812, hop limit=0                |
| 158   | 93,184008 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1813, hop limit=0 (reply in 159) |
| 159   | 94,059058 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1813, hop limit=0 (request in 158) |
| 160   | 94,183393 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1814, hop limit=0 (reply in 162) |
| 161   | 95,192029 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1815, hop limit=0 (reply in 163) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 40 m 120 Bytes |            |           |             |          |        |   |
|---|------------|-----------|-------------|----------|--------|---|
| No.   | Time       | Source    | Destination | Protocol | Length | Info  |
| 162   | 95,192085  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1814, hop limit=0 (request in 160) |
| 163   | 95,253075  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1815, hop limit=0 (request in 161) |
| 164   | 96,192866  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1816, hop limit=0                |
| 165   | 97,199948  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1817, hop limit=0                |
| 166   | 98,208     | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1818, hop limit=0 (reply in 167) |
| 167   | 98,402115  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1818, hop limit=0 (request in 166) |
| 168   | 99,208153  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1819, hop limit=0 (reply in 169) |
| 169   | 99,531121  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1819, hop limit=0 (request in 168) |
| 170   | 100,208009 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1820, hop limit=0 (reply in 171) |
| 171   | 100,65411  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1820, hop limit=0 (request in 170) |
| 172   | 101,207835 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1821, hop limit=0 (reply in 173) |
| 173   | 101,784156 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1821, hop limit=0 (request in 172) |
| 174   | 102,207808 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1822, hop limit=0 (reply in 175) |
| 175   | 102,91014  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1822, hop limit=0 (request in 174) |
| 176   | 103,207651 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1823, hop limit=0 (reply in 177) |
| 177   | 104,039184 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1823, hop limit=0 (request in 176) |
| 178   | 104,207579 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1824, hop limit=0 (reply in 179) |
| 179   | 105,165196 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1824, hop limit=0 (request in 178) |
| 180   | 105,20746  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1825, hop limit=0 (reply in 181) |
| 181   | 105,269186 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1825, hop limit=0 (request in 180) |
| 182   | 106,209313 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1826, hop limit=0                |
| 183   | 107,216001 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1827, hop limit=0                |
| 184   | 108,224001 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1828, hop limit=0                |
| 185   | 109,231998 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1829, hop limit=0 (reply in 186) |
| 186   | 109,434221 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1829, hop limit=0 (request in 185) |
| 187   | 110,232209 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1830, hop limit=0 (reply in 188) |
| 188   | 110,562245 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1830, hop limit=0 (request in 187) |
| 189   | 111,232106 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1831, hop limit=0                |
| 190   | 112,240013 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1832, hop limit=0 (reply in 191) |
| 191   | 112,710289 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1832, hop limit=0 (request in 190) |
| 192   | 113,240049 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1833, hop limit=0 (reply in 193) |
| 193   | 113,837296 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1833, hop limit=0 (request in 192) |
| 194   | 114,239894 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1834, hop limit=0                |
| 195   | 115,247975 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1835, hop limit=0 (reply in 196) |
| 196   | 115,978327 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1835, hop limit=0 (request in 195) |
| 197   | 116,247811 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1836, hop limit=0 (reply in 198) |
| 198   | 117,10332  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1836, hop limit=0 (request in 197) |
| 199   | 117,247634 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1837, hop limit=0 (reply in 200) |
| 200   | 118,232348 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1837, hop limit=0 (request in 199) |
| 201   | 118,247579 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1838, hop limit=0 (reply in 202) |
| 202   | 118,312344 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1838, hop limit=0 (request in 201) |
| 203   | 119,249431 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1839, hop limit=0                |
| 204   | 120,255951 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1840, hop limit=0 (reply in 205) |
| 205   | 120,457372 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1840, hop limit=0 (request in 204) |
| 206   | 121,256393 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1841, hop limit=0 (reply in 207) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 40 m 120 Bytes |            |           |             |          |        |   |
|---|------------|-----------|-------------|----------|--------|---|
| No.   | Time       | Source    | Destination | Protocol | Length | Info  |
| 207   | 121,590392 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1841, hop limit=0 (request in 206) |
| 208   | 122,256294 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1842, hop limit=0                |
| 209   | 123,264008 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1843, hop limit=0                |
| 210   | 124,271975 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1844, hop limit=0                |
| 211   | 125,279981 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1845, hop limit=0 (reply in 212) |
| 212   | 125,761443 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1845, hop limit=0 (request in 211) |
| 213   | 126,280149 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1846, hop limit=0                |
| 214   | 127,287997 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1847, hop limit=0 (reply in 215) |
| 215   | 127,906445 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1847, hop limit=0 (request in 214) |
| 216   | 128,288045 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1848, hop limit=0                |
| 217   | 129,296005 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1849, hop limit=0                |
| 218   | 130,304006 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1850, hop limit=0                |
| 219   | 131,312002 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1851, hop limit=0 (reply in 220) |
| 220   | 132,067523 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1851, hop limit=0 (request in 219) |
| 221   | 132,311982 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1852, hop limit=0 (reply in 222) |
| 222   | 133,193538 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1852, hop limit=0 (request in 221) |
| 223   | 133,311866 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1853, hop limit=0 (reply in 225) |
| 224   | 134,313898 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1854, hop limit=0 (reply in 226) |
| 225   | 134,319546 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1853, hop limit=0 (request in 223) |
| 226   | 134,375533 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1854, hop limit=0 (request in 224) |
| 227   | 135,315634 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1855, hop limit=0                |
| 228   | 136,324005 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1856, hop limit=0                |
| 229   | 137,332011 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1857, hop limit=0                |
| 230   | 138,339981 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1858, hop limit=0 (reply in 231) |
| 231   | 138,535601 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1858, hop limit=0 (request in 230) |
| 232   | 139,340627 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1859, hop limit=0 (reply in 233) |
| 233   | 139,661605 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1859, hop limit=0 (request in 232) |
| 234   | 140,340482 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1860, hop limit=0 (reply in 235) |
| 235   | 140,787629 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1860, hop limit=0 (request in 234) |
| 236   | 141,340406 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1861, hop limit=0 (reply in 237) |
| 237   | 141,913889 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1861, hop limit=0 (request in 236) |
| 238   | 142,340544 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1862, hop limit=0 (reply in 239) |
| 239   | 143,039656 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1862, hop limit=0 (request in 238) |
| 240   | 143,340176 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1863, hop limit=0 (reply in 241) |
| 241   | 144,16967  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1863, hop limit=0 (request in 240) |
| 242   | 144,34008  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1864, hop limit=0 (reply in 243) |
| 243   | 145,293675 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1864, hop limit=0 (request in 242) |
| 244   | 145,339953 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1865, hop limit=0 (reply in 245) |
| 245   | 145,401674 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1865, hop limit=0 (request in 244) |
| 246   | 146,340759 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1866, hop limit=0                |
| 247   | 147,348003 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1867, hop limit=0 (reply in 248) |
| 248   | 147,539708 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1867, hop limit=0 (request in 247) |
| 249   | 148,348752 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1868, hop limit=0 (reply in 250) |
| 250   | 148,668712 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1868, hop limit=0 (request in 249) |
| 251   | 149,348598 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1869, hop limit=0 (reply in 252) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 40 m 120 Bytes |            |           |             |          |        |   |
|---|------------|-----------|-------------|----------|--------|---|
| No.   | Time       | Source    | Destination | Protocol | Length | Info  |
| 252   | 149,79872  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1869, hop limit=0 (request in 251) |
| 253   | 150,348448 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1870, hop limit=0 (reply in 254) |
| 254   | 150,922731 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1870, hop limit=0 (request in 253) |
| 255   | 151,348307 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1871, hop limit=0 (reply in 256) |
| 256   | 152,05174  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1871, hop limit=0 (request in 255) |
| 257   | 152,348215 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1872, hop limit=0 (reply in 258) |
| 258   | 153,179775 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1872, hop limit=0 (request in 257) |
| 259   | 153,348146 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1873, hop limit=0 (reply in 260) |
| 260   | 154,303792 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1873, hop limit=0 (request in 259) |
| 261   | 154,348052 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1874, hop limit=0 (reply in 262) |
| 262   | 154,409803 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1874, hop limit=0 (request in 261) |
| 263   | 155,348963 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1875, hop limit=0 (reply in 264) |
| 264   | 155,537808 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1875, hop limit=0 (request in 263) |
| 265   | 156,349864 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1876, hop limit=0                |
| 266   | 157,349921 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1877, hop limit=0 (reply in 267) |
| 267   | 157,676826 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1877, hop limit=0 (request in 266) |
| 268   | 158,349727 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1878, hop limit=0                |
| 269   | 159,356016 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1879, hop limit=0 (reply in 270) |
| 270   | 159,822859 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1879, hop limit=0 (request in 269) |
| 271   | 160,355625 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1880, hop limit=0                |
| 272   | 161,364027 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1881, hop limit=0 (reply in 273) |
| 273   | 161,966879 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1881, hop limit=0 (request in 272) |
| 274   | 162,363493 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1882, hop limit=0 (reply in 275) |
| 275   | 163,092871 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1882, hop limit=0 (request in 274) |
| 276   | 163,363358 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1883, hop limit=0 (reply in 277) |
| 277   | 164,217861 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1883, hop limit=0 (request in 276) |
| 278   | 164,363168 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1884, hop limit=0 (reply in 279) |
| 279   | 165,346925 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1884, hop limit=0 (request in 278) |
| 280   | 165,363192 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1885, hop limit=0 (reply in 281) |
| 281   | 165,424914 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1885, hop limit=0 (request in 280) |
| 282   | 166,364033 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1886, hop limit=0                |
| 283   | 167,372001 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1887, hop limit=0                |
| 284   | 168,379988 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1888, hop limit=0 (reply in 285) |
| 285   | 168,57196  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1888, hop limit=0 (request in 284) |
| 286   | 169,380999 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1889, hop limit=0 (reply in 287) |
| 287   | 169,698968 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1889, hop limit=0 (request in 286) |
| 288   | 170,381871 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1890, hop limit=0 (reply in 289) |
| 289   | 170,827992 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1890, hop limit=0 (request in 288) |
| 290   | 171,382755 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1891, hop limit=0 (reply in 291) |
| 291   | 171,95698  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1891, hop limit=0 (request in 290) |
| 292   | 172,38353  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1892, hop limit=0 (reply in 293) |
| 293   | 173,079999 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1892, hop limit=0 (request in 292) |
| 294   | 173,384473 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1893, hop limit=0 (reply in 295) |
| 295   | 174,203035 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1893, hop limit=0 (request in 294) |
| 296   | 174,385437 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1894, hop limit=0 (reply in 297) |



| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 40 m 120 Bytes |            |           |             |          |        |   |
|---|------------|-----------|-------------|----------|--------|---|
| No.   | Time       | Source    | Destination | Protocol | Length | Info  |
| 297   | 175,329047 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1894, hop limit=0 (request in 296) |
| 298   | 175,386328 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1895, hop limit=0 (reply in 300) |
| 299   | 176,385934 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1896, hop limit=0 (reply in 301) |
| 300   | 176,463052 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1895, hop limit=0 (request in 298) |
| 301   | 176,480057 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1896, hop limit=0 (request in 299) |
| 302   | 177,387135 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1897, hop limit=0 (reply in 303) |
| 303   | 177,63007  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1897, hop limit=0 (request in 302) |
| 304   | 178,38804  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1898, hop limit=0 (reply in 305) |
| 305   | 178,756054 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1898, hop limit=0 (request in 304) |
| 306   | 179,388399 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1899, hop limit=0                |
| 307   | 180,396031 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1900, hop limit=0 (reply in 308) |
| 308   | 180,902116 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1900, hop limit=0 (request in 307) |
| 309   | 181,396839 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1901, hop limit=0 (reply in 310) |
| 310   | 182,031124 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1901, hop limit=0 (request in 309) |
| 311   | 182,397711 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1902, hop limit=0                |
| 312   | 183,40404  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1903, hop limit=0 (reply in 313) |
| 313   | 184,176153 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1903, hop limit=0 (request in 312) |
| 314   | 184,404604 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1904, hop limit=0 (reply in 315) |
| 315   | 185,308166 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1904, hop limit=0 (request in 314) |
| 316   | 185,405472 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1905, hop limit=0 (reply in 318) |
| 317   | 186,41204  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1906, hop limit=0 (reply in 319) |
| 318   | 186,446174 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1905, hop limit=0 (request in 316) |
| 319   | 186,480171 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1906, hop limit=0 (request in 317) |
| 320   | 187,41329  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1907, hop limit=0 (reply in 321) |
| 321   | 187,606162 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1907, hop limit=0 (request in 320) |
| 322   | 188,413904 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1908, hop limit=0 (reply in 323) |
| 323   | 188,73421  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1908, hop limit=0 (request in 322) |
| 324   | 189,415126 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1909, hop limit=0 (reply in 325) |
| 325   | 189,861223 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1909, hop limit=0 (request in 324) |
| 326   | 190,416003 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1910, hop limit=0                |
| 327   | 191,417914 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1911, hop limit=0 (reply in 328) |
| 328   | 191,996242 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1911, hop limit=0 (request in 327) |
| 329   | 192,418887 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1912, hop limit=0                |
| 330   | 193,427945 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1913, hop limit=0 (reply in 331) |
| 331   | 194,132267 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1913, hop limit=0 (request in 330) |
| 332   | 194,428775 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1914, hop limit=0 (reply in 333) |
| 333   | 195,260288 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1914, hop limit=0 (request in 332) |
| 334   | 195,429675 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1915, hop limit=0 (reply in 335) |
| 335   | 196,389292 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1915, hop limit=0 (request in 334) |
| 336   | 196,429521 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1916, hop limit=0 (reply in 337) |
| 337   | 196,490268 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1916, hop limit=0 (request in 336) |
| 338   | 197,431399 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1917, hop limit=0                |
| 339   | 198,440035 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1918, hop limit=0 (reply in 340) |
| 340   | 198,625319 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1918, hop limit=0 (request in 339) |
| 341   | 199,441338 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1919, hop limit=0                |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 40 m 120 Bytes |            |           |             |          |        |   |
|---|------------|-----------|-------------|----------|--------|---|
| No.   | Time       | Source    | Destination | Protocol | Length | Info  |
| 342   | 200,448002 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1920, hop limit=0 (reply in 343) |
| 343   | 200,772349 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1920, hop limit=0 (request in 342) |
| 344   | 201,449222 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1921, hop limit=0                |
| 345   | 202,456006 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1922, hop limit=0 (reply in 346) |
| 346   | 202,922351 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1922, hop limit=0 (request in 345) |
| 347   | 203,45711  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1923, hop limit=0 (reply in 348) |
| 348   | 204,047394 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1923, hop limit=0 (request in 347) |
| 349   | 204,458029 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1924, hop limit=0 (reply in 350) |
| 350   | 205,172402 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1924, hop limit=0 (request in 349) |
| 351   | 205,458899 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1925, hop limit=0                |
| 352   | 206,467998 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1926, hop limit=0 (reply in 353) |
| 353   | 207,307433 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1926, hop limit=0 (request in 352) |
| 354   | 207,468776 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1927, hop limit=0 (reply in 355) |
| 355   | 208,435439 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1927, hop limit=0 (request in 354) |
| 356   | 208,468666 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1928, hop limit=0 (reply in 357) |
| 357   | 208,529437 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1928, hop limit=0 (request in 356) |
| 358   | 209,469905 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1929, hop limit=0                |
| 359   | 210,469901 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1930, hop limit=0 (reply in 360) |
| 360   | 210,668471 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1930, hop limit=0 (request in 359) |
| 361   | 211,471489 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1931, hop limit=0                |
| 362   | 212,48004  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1932, hop limit=0 (reply in 363) |
| 363   | 212,803494 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1932, hop limit=0 (request in 362) |
| 364   | 213,48139  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1933, hop limit=0 (reply in 365) |
| 365   | 213,92951  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1933, hop limit=0 (request in 364) |
| 366   | 214,48188  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1934, hop limit=0 (reply in 367) |
| 367   | 215,05553  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1934, hop limit=0 (request in 366) |
| 368   | 215,483172 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1935, hop limit=0 (reply in 369) |
| 369   | 216,185535 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1935, hop limit=0 (request in 368) |
| 370   | 216,484047 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1936, hop limit=0 (reply in 371) |
| 371   | 217,314548 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1936, hop limit=0 (request in 370) |
| 372   | 217,484927 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1937, hop limit=0 (reply in 373) |
| 373   | 218,440561 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1937, hop limit=0 (request in 372) |
| 374   | 218,484815 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1938, hop limit=0 (reply in 375) |
| 375   | 218,545891 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1938, hop limit=0 (request in 374) |
| 376   | 219,485906 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1939, hop limit=0                |
| 377   | 220,485906 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1940, hop limit=0 (reply in 378) |
| 378   | 220,680592 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1940, hop limit=0 (request in 377) |
| 379   | 221,487634 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1941, hop limit=0 (reply in 380) |
| 380   | 221,807606 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1941, hop limit=0 (request in 379) |
| 381   | 222,4885   | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1942, hop limit=0 (reply in 382) |
| 382   | 222,935627 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1942, hop limit=0 (request in 381) |
| 383   | 223,489406 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1943, hop limit=0 (reply in 384) |
| 384   | 224,06363  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1943, hop limit=0 (request in 383) |
| 385   | 224,489898 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1944, hop limit=0 (reply in 386) |
| 386   | 225,189644 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1944, hop limit=0 (request in 385) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 40 m 120 Bytes |            |           |             |          |        |   |
|---|------------|-----------|-------------|----------|--------|---|
| No.   | Time       | Source    | Destination | Protocol | Length | Info  |
| 387   | 225,49113  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1945, hop limit=0                |
| 388   | 226,500071 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1946, hop limit=0                |
| 389   | 227,508036 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1947, hop limit=0                |
| 390   | 228,516013 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1948, hop limit=0                |
| 391   | 229,523942 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1949, hop limit=0 (reply in 392) |
| 392   | 230,365713 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1949, hop limit=0 (request in 391) |
| 393   | 230,525106 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1950, hop limit=0 (reply in 394) |
| 394   | 231,494696 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1950, hop limit=0 (request in 393) |
| 395   | 231,524948 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1951, hop limit=0 (reply in 396) |
| 396   | 231,587715 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1951, hop limit=0 (request in 395) |
| 397   | 232,525902 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1952, hop limit=0 (reply in 398) |
| 398   | 232,715741 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1952, hop limit=0 (request in 397) |
| 399   | 233,527811 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1953, hop limit=0 (reply in 400) |
| 400   | 233,843751 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1953, hop limit=0 (request in 399) |
| 401   | 234,528648 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1954, hop limit=0                |
| 402   | 235,536017 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1955, hop limit=0 (reply in 403) |
| 403   | 235,980756 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1955, hop limit=0 (request in 402) |
| 404   | 236,537456 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1956, hop limit=0 (reply in 405) |
| 405   | 237,107775 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1956, hop limit=0 (request in 404) |
| 406   | 237,538355 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1957, hop limit=0 (reply in 407) |
| 407   | 238,24982  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1957, hop limit=0 (request in 406) |
| 408   | 238,539299 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1958, hop limit=0 (reply in 409) |
| 409   | 239,378815 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1958, hop limit=0 (request in 408) |
| 410   | 239,539206 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1959, hop limit=0 (reply in 411) |
| 411   | 240,507829 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1959, hop limit=0 (request in 410) |
| 412   | 240,539088 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1960, hop limit=0 (reply in 413) |
| 413   | 240,599832 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1960, hop limit=0 (request in 412) |
| 414   | 241,540973 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1961, hop limit=0 (reply in 415) |
| 415   | 241,732859 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1961, hop limit=0 (request in 414) |
| 416   | 242,541903 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1962, hop limit=0 (reply in 417) |
| 417   | 242,860864 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1962, hop limit=0 (request in 416) |
| 418   | 243,542777 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1963, hop limit=0                |
| 419   | 244,541955 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1964, hop limit=0 (reply in 420) |
| 420   | 244,994882 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1964, hop limit=0 (request in 419) |
| 421   | 245,542624 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1965, hop limit=0 (reply in 422) |
| 422   | 246,130896 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1965, hop limit=0 (request in 421) |
| 423   | 246,543494 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1966, hop limit=0 (reply in 424) |
| 424   | 247,256913 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1966, hop limit=0 (request in 423) |
| 425   | 247,544423 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1967, hop limit=0                |
| 426   | 248,552012 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1968, hop limit=0 (reply in 427) |
| 427   | 249,414937 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1968, hop limit=0 (request in 426) |
| 428   | 249,551283 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1969, hop limit=0                |
| 429   | 250,559975 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1970, hop limit=0 (reply in 430) |
| 430   | 251,565939 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1970, hop limit=0 (request in 429) |
| 431   | 251,566087 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1971, hop limit=0 (reply in 432) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 40 m 120 Bytes |            |           |             |          |        |   |
|---|------------|-----------|-------------|----------|--------|---|
| No.   | Time       | Source    | Destination | Protocol | Length | Info  |
| 432   | 251,627965 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1971, hop limit=0 (request in 431) |
| 433   | 252,567102 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1972, hop limit=0                |
| 434   | 253,576016 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1973, hop limit=0 (reply in 435) |
| 435   | 253,761877 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1973, hop limit=0 (request in 434) |
| 436   | 254,576889 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1974, hop limit=0 (reply in 437) |
| 437   | 254,897004 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1974, hop limit=0 (request in 436) |
| 438   | 255,577933 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1975, hop limit=0 (reply in 439) |
| 439   | 256,021993 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1975, hop limit=0 (request in 438) |
| 440   | 256,578778 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1976, hop limit=0 (reply in 441) |
| 441   | 257,152036 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1976, hop limit=0 (request in 440) |
| 442   | 257,579692 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1977, hop limit=0 (reply in 443) |
| 443   | 258,280049 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1977, hop limit=0 (request in 442) |
| 444   | 258,580582 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1978, hop limit=0 (reply in 445) |
| 445   | 259,409064 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1978, hop limit=0 (request in 444) |
| 446   | 259,580461 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1979, hop limit=0 (reply in 447) |
| 447   | 260,535069 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1979, hop limit=0 (request in 446) |
| 448   | 260,58033  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1980, hop limit=0 (reply in 449) |
| 449   | 260,64307  | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1980, hop limit=0 (request in 448) |
| 450   | 261,581884 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1981, hop limit=0 (reply in 451) |
| 451   | 261,775083 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1981, hop limit=0 (request in 450) |
| 452   | 262,582921 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1982, hop limit=0                |
| 453   | 263,58194  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1983, hop limit=0                |
| 454   | 264,581876 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1984, hop limit=0 (reply in 455) |
| 455   | 264,935122 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1984, hop limit=0 (request in 454) |
| 456   | 265,58297  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1985, hop limit=0                |
| 457   | 266,591972 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1986, hop limit=0 (reply in 458) |
| 458   | 267,072151 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1986, hop limit=0 (request in 457) |
| 459   | 267,592868 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1987, hop limit=0 (reply in 460) |
| 460   | 268,207164 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1987, hop limit=0 (request in 459) |
| 461   | 268,593778 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1988, hop limit=0 (reply in 462) |
| 462   | 269,333186 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1988, hop limit=0 (request in 461) |
| 463   | 269,594683 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1989, hop limit=0                |
| 464   | 270,593929 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1990, hop limit=0                |
| 465   | 271,597917 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1991, hop limit=0                |
| 466   | 272,597931 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1992, hop limit=0 (reply in 467) |
| 467   | 273,500236 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1992, hop limit=0 (request in 466) |
| 468   | 273,597546 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1993, hop limit=0                |
| 469   | 274,597896 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1994, hop limit=0 (reply in 471) |
| 470   | 275,597907 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1995, hop limit=0 (reply in 472) |
| 471   | 275,640259 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1994, hop limit=0 (request in 469) |
| 472   | 275,665251 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1995, hop limit=0 (request in 470) |
| 473   | 276,599376 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1996, hop limit=0 (reply in 474) |
| 474   | 276,790241 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1996, hop limit=0 (request in 473) |
| 475   | 277,600243 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1997, hop limit=0 (reply in 476) |
| 476   | 277,919285 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1997, hop limit=0 (request in 475) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 40 m 120 Bytes |            |           |             |          |        |   |
|---|------------|-----------|-------------|----------|--------|---|
| No.   | Time       | Source    | Destination | Protocol | Length | Info  |
| 477   | 278,601181 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1998, hop limit=0 (reply in 478) |
| 478   | 279,048299 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1998, hop limit=0 (request in 477) |
| 479   | 279,60206  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=1999, hop limit=0 (reply in 480) |
| 480   | 280,176308 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=1999, hop limit=0 (request in 479) |
| 481   | 280,602955 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=2000, hop limit=0 (reply in 482) |
| 482   | 281,304329 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=2000, hop limit=0 (request in 481) |
| 483   | 281,603846 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=2001, hop limit=0 (reply in 484) |
| 484   | 282,434344 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=2001, hop limit=0 (request in 483) |
| 485   | 282,603731 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=2002, hop limit=0 (reply in 486) |
| 486   | 283,563355 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=2002, hop limit=0 (request in 485) |
| 487   | 283,60362  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=2003, hop limit=0 (reply in 488) |
| 488   | 283,665348 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=2003, hop limit=0 (request in 487) |
| 489   | 284,60469  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=2004, hop limit=0                |
| 490   | 285,612029 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=2005, hop limit=0 (reply in 491) |
| 491   | 285,802352 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=2005, hop limit=0 (request in 490) |
| 492   | 286,612758 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=2006, hop limit=0 (reply in 493) |
| 493   | 286,932387 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=2006, hop limit=0 (request in 492) |
| 494   | 287,613917 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=2007, hop limit=0 (reply in 495) |
| 495   | 288,062391 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=2007, hop limit=0 (request in 494) |
| 496   | 288,615089 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=2008, hop limit=0 (reply in 497) |
| 497   | 289,188399 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=2008, hop limit=0 (request in 496) |
| 498   | 289,616    | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=2009, hop limit=0 (reply in 499) |
| 499   | 290,317432 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=2009, hop limit=0 (request in 498) |
| 500   | 290,616952 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=2010, hop limit=0 (reply in 501) |
| 501   | 291,445453 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=2010, hop limit=0 (request in 500) |
| 502   | 291,616836 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=2011, hop limit=0                |
| 503   | 292,617915 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=2012, hop limit=0 (reply in 504) |
| 504   | 293,581478 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=2012, hop limit=0 (request in 503) |
| 505   | 293,61774  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=2013, hop limit=0 (reply in 506) |
| 506   | 293,678445 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=2013, hop limit=0 (request in 505) |
| 507   | 294,619571 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=2014, hop limit=0                |
| 508   | 295,62801  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=2015, hop limit=0 (reply in 509) |
| 509   | 295,815502 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=2015, hop limit=0 (request in 508) |
| 510   | 296,629523 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=2016, hop limit=0 (reply in 511) |
| 511   | 296,949493 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=2016, hop limit=0 (request in 510) |
| 512   | 297,629908 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=2017, hop limit=0 (reply in 513) |
| 513   | 298,075527 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=2017, hop limit=0 (request in 512) |
| 514   | 298,631302 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=2018, hop limit=0 (reply in 515) |
| 515   | 299,205545 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=2018, hop limit=0 (request in 514) |
| 516   | 299,63216  | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=2019, hop limit=0 (reply in 517) |
| 517   | 300,330559 | fec0::7   | fec0::100   | ICMPv6   | 120    | Echo (ping) reply id=0x0a72, seq=2019, hop limit=0 (request in 516) |
| 518   | 300,633081 | fec0::100 | fec0::7     | ICMPv6   | 120    | Echo (ping) request id=0x0a72, seq=2020, hop limit=0                |

**Tabla 31. Test para el nodo 7 con 6Lowpan a 10 m con LPL de 1024 ms, paquete de 1133 B y con enrutamiento estático.**

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 10 m 1133 Bytes |           |           |             |          |        |  |
|--|-----------|-----------|-------------|----------|--------|--|
| No.  | Time      | Source    | Destination | Protocol | Length | Info   |
| 1  | 0         | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=35, hop limit=0 (reply in 3)  |
| 2  | 1,008033  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=36, hop limit=0               |
| 3  | 1,532081  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=35, hop limit=0 (request in 1)  |
| 4  | 2,008716  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=37, hop limit=0 (reply in 5)  |
| 5  | 2,968594  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=37, hop limit=0 (request in 4)  |
| 6  | 3,007899  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=38, hop limit=0               |
| 7  | 4,016119  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=39, hop limit=0               |
| 8  | 5,024025  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=40, hop limit=0               |
| 9  | 6,032077  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=41, hop limit=0               |
| 10   | 7,040066  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=42, hop limit=0 (reply in 12) |
| 11   | 8,048034  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=43, hop limit=0               |
| 12   | 8,471365  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=42, hop limit=0 (request in 10) |
| 13   | 9,049202  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=44, hop limit=0               |
| 14   | 10,056013 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=45, hop limit=0               |
| 15   | 11,064009 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=46, hop limit=0 (reply in 16) |
| 16   | 11,923116 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=46, hop limit=0 (request in 15) |
| 17   | 12,063529 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=47, hop limit=0 (reply in 19) |
| 18   | 13,07206  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=48, hop limit=0               |
| 19   | 13,380446 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=47, hop limit=0 (request in 17) |
| 20   | 14,073398 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=49, hop limit=0 (reply in 21) |
| 21   | 14,81492  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=49, hop limit=0 (request in 20) |
| 22   | 15,073444 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=50, hop limit=0 (reply in 24) |
| 23   | 16,080076 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=51, hop limit=0               |
| 24   | 16,287204 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=50, hop limit=0 (request in 22) |
| 25   | 17,081154 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=52, hop limit=0               |
| 26   | 18,088006 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=53, hop limit=0               |
| 27   | 19,096032 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=54, hop limit=0 (reply in 28) |
| 28   | 19,706    | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=54, hop limit=0 (request in 27) |
| 29   | 20,095541 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=55, hop limit=0 (reply in 31) |
| 30   | 21,104057 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=56, hop limit=0               |
| 31   | 21,144446 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=55, hop limit=0 (request in 29) |
| 32   | 22,105691 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=57, hop limit=0               |
| 33   | 23,112024 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=58, hop limit=0               |
| 34   | 24,119985 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=59, hop limit=0               |
| 35   | 25,127984 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=60, hop limit=0               |
| 36   | 26,136053 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=61, hop limit=0               |
| 37   | 27,144073 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=62, hop limit=0 (reply in 39) |
| 38   | 28,15196  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=63, hop limit=0               |
| 39   | 28,673341 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=62, hop limit=0 (request in 37) |
| 40   | 29,151923 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=64, hop limit=0 (reply in 41) |
| 41   | 30,116844 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=64, hop limit=0 (request in 40) |
| 42   | 30,151153 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=65, hop limit=0 (reply in 44) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 10 m 1133 Bytes |           |           |             |          |        |  |
|--|-----------|-----------|-------------|----------|--------|--|
| No.  | Time      | Source    | Destination | Protocol | Length | Info   |
| 43   | 31,159979 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=66, hop limit=0               |
| 44   | 31,585246 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=65, hop limit=0 (request in 42) |
| 45   | 32,160958 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=67, hop limit=0 (reply in 46) |
| 46   | 33,019671 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=67, hop limit=0 (request in 45) |
| 47   | 33,160912 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=68, hop limit=0 (reply in 49) |
| 48   | 34,16804  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=69, hop limit=0               |
| 49   | 34,463078 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=68, hop limit=0 (request in 47) |
| 50   | 35,169062 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=70, hop limit=0 (reply in 51) |
| 51   | 35,887606 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=70, hop limit=0 (request in 50) |
| 52   | 36,169102 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=71, hop limit=0               |
| 53   | 37,176014 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=72, hop limit=0               |
| 54   | 38,184015 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=73, hop limit=0 (reply in 56) |
| 55   | 39,192051 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=74, hop limit=0               |
| 56   | 39,358117 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=73, hop limit=0 (request in 54) |
| 57   | 40,193185 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=75, hop limit=0               |
| 58   | 41,200063 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=76, hop limit=0               |
| 59   | 42,208067 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=77, hop limit=0 (reply in 61) |
| 60   | 43,215962 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=78, hop limit=0               |
| 61   | 43,799483 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=77, hop limit=0 (request in 59) |
| 62   | 44,216175 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=79, hop limit=0 (reply in 64) |
| 63   | 45,224007 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=80, hop limit=0 (reply in 66) |
| 64   | 45,234012 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=79, hop limit=0 (request in 62) |
| 65   | 46,225284 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=81, hop limit=0               |
| 66   | 46,709322 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=80, hop limit=0 (request in 63) |
| 67   | 47,22495  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=82, hop limit=0 (reply in 68) |
| 68   | 48,137832 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=82, hop limit=0 (request in 67) |
| 69   | 48,225038 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=83, hop limit=0               |
| 70   | 49,231984 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=84, hop limit=0               |
| 71   | 50,240062 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=85, hop limit=0 (reply in 73) |
| 72   | 51,247963 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=86, hop limit=0               |
| 73   | 51,595381 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=85, hop limit=0 (request in 71) |
| 74   | 52,249284 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=87, hop limit=0 (reply in 75) |
| 75   | 53,026909 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=87, hop limit=0 (request in 74) |
| 76   | 53,249333 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=88, hop limit=0 (reply in 78) |
| 77   | 54,255999 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=89, hop limit=0               |
| 78   | 54,497245 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=88, hop limit=0 (request in 76) |
| 79   | 55,263985 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=90, hop limit=0 (reply in 80) |
| 80   | 55,913782 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=90, hop limit=0 (request in 79) |
| 81   | 56,264308 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=91, hop limit=0               |
| 82   | 57,272074 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=92, hop limit=0               |
| 83   | 58,280076 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=93, hop limit=0 (reply in 85) |
| 84   | 59,287938 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=94, hop limit=0               |
| 85   | 59,381421 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=93, hop limit=0 (request in 83) |
| 86   | 60,28953  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=95, hop limit=0               |
| 87   | 61,296017 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=96, hop limit=0               |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 10 m 1133 Bytes |           |           |             |          |        |  |
|--|-----------|-----------|-------------|----------|--------|--|
| No.  | Time      | Source    | Destination | Protocol | Length | Info   |
| 88   | 62,303961 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=97, hop limit=0 (reply in 90)   |
| 89   | 63,311948 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=98, hop limit=0                 |
| 90   | 63,858682 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=97, hop limit=0 (request in 88)   |
| 91   | 64,312244 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=99, hop limit=0 (reply in 92)   |
| 92   | 65,297218 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=99, hop limit=0 (request in 91)   |
| 93   | 65,311532 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=100, hop limit=0 (reply in 95)  |
| 94   | 66,320016 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=101, hop limit=0                |
| 95   | 66,780559 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=100, hop limit=0 (request in 93)  |
| 96   | 67,320319 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=102, hop limit=0 (reply in 97)  |
| 97   | 68,218154 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=102, hop limit=0 (request in 96)  |
| 98   | 68,319525 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=103, hop limit=0 (reply in 100) |
| 99   | 69,328085 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=104, hop limit=0                |
| 100  | 69,662465 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=103, hop limit=0 (request in 98)  |
| 101  | 70,328287 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=105, hop limit=0 (reply in 102) |
| 102  | 71,088968 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=105, hop limit=0 (request in 101) |
| 103  | 71,328356 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=106, hop limit=0                |
| 104  | 72,336038 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=107, hop limit=0                |
| 105  | 73,34405  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=108, hop limit=0 (reply in 107) |
| 106  | 74,351984 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=109, hop limit=0                |
| 107  | 74,570606 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=108, hop limit=0 (request in 105) |
| 108  | 75,353628 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=110, hop limit=0 (reply in 109) |
| 109  | 76,112954 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=110, hop limit=0 (request in 108) |
| 110  | 76,353365 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=111, hop limit=0 (reply in 112) |
| 111  | 77,359895 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=112, hop limit=0                |
| 112  | 77,5814   | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=111, hop limit=0 (request in 110) |
| 113  | 78,361392 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=113, hop limit=0 (reply in 114) |
| 114  | 78,997854 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=113, hop limit=0 (request in 113) |
| 115  | 79,36137  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=114, hop limit=0 (reply in 117) |
| 116  | 80,367879 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=115, hop limit=0                |
| 117  | 80,475176 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=114, hop limit=0 (request in 115) |
| 118  | 81,369183 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=116, hop limit=0                |
| 119  | 82,375892 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=117, hop limit=0                |
| 120  | 83,3839   | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=118, hop limit=0 (reply in 122) |
| 121  | 84,391892 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=119, hop limit=0                |
| 122  | 84,952646 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=118, hop limit=0 (request in 120) |
| 123  | 85,392291 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=120, hop limit=0 (reply in 124) |
| 124  | 86,392166 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=120, hop limit=0 (request in 123) |
| 125  | 86,392351 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=121, hop limit=0 (reply in 127) |
| 126  | 87,400009 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=122, hop limit=0                |
| 127  | 87,885505 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=121, hop limit=0 (request in 125) |
| 128  | 88,400218 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=123, hop limit=0 (reply in 129) |
| 129  | 89,312894 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=123, hop limit=0 (request in 128) |
| 130  | 89,400095 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=124, hop limit=0 (reply in 132) |
| 131  | 90,407901 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=125, hop limit=0                |
| 132  | 90,74427  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=124, hop limit=0 (request in 130) |



| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 10 m 1133 Bytes |            |           |             |          |        |  |
|--|------------|-----------|-------------|----------|--------|--|
| No.  | Time       | Source    | Destination | Protocol | Length | Info   |
| 133  | 91,408069  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=126, hop limit=0 (reply in 134) |
| 134  | 92,185822  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=126, hop limit=0 (request in 133) |
| 135  | 92,408168  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=127, hop limit=0 (reply in 137) |
| 136  | 93,415894  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=128, hop limit=0                |
| 137  | 93,642147  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=127, hop limit=0 (request in 135) |
| 138  | 94,416042  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=129, hop limit=0                |
| 139  | 95,423897  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=130, hop limit=0                |
| 140  | 96,431891  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=131, hop limit=0 (reply in 141) |
| 141  | 97,065886  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=131, hop limit=0 (request in 140) |
| 142  | 97,431364  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=132, hop limit=0                |
| 143  | 98,439906  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=133, hop limit=0                |
| 144  | 99,447885  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=134, hop limit=0 (reply in 146) |
| 145  | 100,455866 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=135, hop limit=0                |
| 146  | 100,529592 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=134, hop limit=0 (request in 144) |
| 147  | 101,457673 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=136, hop limit=0                |
| 148  | 102,464045 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=137, hop limit=0                |
| 149  | 103,472008 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=138, hop limit=0                |
| 150  | 104,480107 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=139, hop limit=0 (reply in 152) |
| 151  | 105,488002 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=140, hop limit=0                |
| 152  | 106,024522 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=139, hop limit=0 (request in 150) |
| 153  | 106,488258 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=141, hop limit=0 (reply in 154) |
| 154  | 107,459065 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=141, hop limit=0 (request in 153) |
| 155  | 107,48839  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=142, hop limit=0 (reply in 157) |
| 156  | 108,496038 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=143, hop limit=0                |
| 157  | 109,029356 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=142, hop limit=0 (request in 155) |
| 158  | 109,495938 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=144, hop limit=0 (reply in 159) |
| 159  | 110,467941 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=144, hop limit=0 (request in 158) |
| 160  | 110,495217 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=145, hop limit=0 (reply in 162) |
| 161  | 111,503908 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=146, hop limit=0                |
| 162  | 111,945253 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=145, hop limit=0 (request in 160) |
| 163  | 112,503913 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=147, hop limit=0 (reply in 164) |
| 164  | 113,37873  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=147, hop limit=0 (request in 163) |
| 165  | 113,503949 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=148, hop limit=0 (reply in 167) |
| 166  | 114,511918 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=149, hop limit=0                |
| 167  | 114,813153 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=148, hop limit=0 (request in 165) |
| 168  | 115,511952 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=150, hop limit=0                |
| 169  | 116,519916 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=151, hop limit=0                |
| 170  | 117,527893 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=152, hop limit=0 (reply in 171) |
| 171  | 118,261959 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=152, hop limit=0 (request in 170) |
| 172  | 118,527324 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=153, hop limit=0 (reply in 174) |
| 173  | 119,535938 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=154, hop limit=0                |
| 174  | 119,716325 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=153, hop limit=0 (request in 172) |
| 175  | 120,536262 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=155, hop limit=0 (reply in 177) |
| 176  | 121,543867 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=156, hop limit=0                |
| 177  | 122,13553  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=155, hop limit=0 (request in 175) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 10 m 1133 Bytes |            |           |             |          |        |  |
|--|------------|-----------|-------------|----------|--------|--|
| No.  | Time       | Source    | Destination | Protocol | Length | Info   |
| 178  | 122,54408  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=157, hop limit=0                |
| 179  | 123,551901 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=158, hop limit=0                |
| 180  | 124,559851 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=159, hop limit=0 (reply in 182) |
| 181  | 125,567909 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=160, hop limit=0                |
| 182  | 125,587134 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=159, hop limit=0 (request in 180) |
| 183  | 126,569268 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=161, hop limit=0                |
| 184  | 127,575911 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=162, hop limit=0                |
| 185  | 128,583976 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=163, hop limit=0                |
| 186  | 129,591901 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=164, hop limit=0                |
| 187  | 130,599891 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=165, hop limit=0                |
| 188  | 131,607931 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=166, hop limit=0                |
| 189  | 132,615892 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=167, hop limit=0                |
| 190  | 133,623927 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=168, hop limit=0                |
| 191  | 134,631897 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=169, hop limit=0                |
| 192  | 135,639897 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=170, hop limit=0 (reply in 194) |
| 193  | 136,648061 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=171, hop limit=0                |
| 194  | 137,167829 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=170, hop limit=0 (request in 192) |
| 195  | 137,649476 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=172, hop limit=0 (reply in 196) |
| 196  | 138,594332 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=172, hop limit=0 (request in 195) |
| 197  | 138,650598 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=173, hop limit=0 (reply in 199) |
| 198  | 139,649877 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=174, hop limit=0                |
| 199  | 140,221732 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=173, hop limit=0 (request in 197) |
| 200  | 140,650402 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=175, hop limit=0 (reply in 202) |
| 201  | 141,649877 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=176, hop limit=0                |
| 202  | 141,666244 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=175, hop limit=0 (request in 200) |
| 203  | 142,651432 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=177, hop limit=0                |
| 204  | 143,660032 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=178, hop limit=0 (reply in 206) |
| 205  | 144,668082 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=179, hop limit=0                |
| 206  | 145,185876 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=178, hop limit=0 (request in 204) |
| 207  | 145,669482 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=180, hop limit=0 (reply in 208) |
| 208  | 146,609376 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=180, hop limit=0 (request in 207) |
| 209  | 146,670601 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=181, hop limit=0 (reply in 211) |
| 210  | 147,669937 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=182, hop limit=0 (reply in 212) |
| 211  | 148,183775 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=181, hop limit=0 (request in 209) |
| 212  | 148,375705 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=182, hop limit=0 (request in 210) |
| 213  | 148,671172 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=183, hop limit=0 (reply in 215) |
| 214  | 149,680066 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=184, hop limit=0                |
| 215  | 149,815192 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=183, hop limit=0 (request in 213) |
| 216  | 150,681296 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=185, hop limit=0                |
| 217  | 151,687887 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=186, hop limit=0                |
| 218  | 152,696002 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=187, hop limit=0                |
| 219  | 153,704021 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=188, hop limit=0                |
| 220  | 154,711975 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=189, hop limit=0 (reply in 221) |
| 221  | 155,557038 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=189, hop limit=0 (request in 220) |
| 222  | 155,712438 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=190, hop limit=0                |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 10 m 1133 Bytes |            |           |             |          |        |  |
|--|------------|-----------|-------------|----------|--------|--|
| No.  | Time       | Source    | Destination | Protocol | Length | Info   |
| 223  | 156,720064 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=191, hop limit=0                |
| 224  | 157,728    | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=192, hop limit=0 (reply in 226) |
| 225  | 158,736027 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=193, hop limit=0                |
| 226  | 159,026597 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=192, hop limit=0 (request in 224) |
| 227  | 159,737545 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=194, hop limit=0 (reply in 228) |
| 228  | 160,459109 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=194, hop limit=0 (request in 227) |
| 229  | 160,738498 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=195, hop limit=0 (reply in 231) |
| 230  | 161,737936 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=196, hop limit=0                |
| 231  | 161,94347  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=195, hop limit=0 (request in 229) |
| 232  | 162,739497 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=197, hop limit=0 (reply in 233) |
| 233  | 163,402959 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=197, hop limit=0 (request in 232) |
| 234  | 163,74046  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=198, hop limit=0 (reply in 236) |
| 235  | 164,748082 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=199, hop limit=0                |
| 236  | 164,860426 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=198, hop limit=0 (request in 234) |
| 237  | 165,749543 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=200, hop limit=0                |
| 238  | 166,75593  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=201, hop limit=0 (reply in 240) |
| 239  | 167,764005 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=202, hop limit=0                |
| 240  | 168,331163 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=201, hop limit=0 (request in 238) |
| 241  | 168,764768 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=203, hop limit=0 (reply in 243) |
| 242  | 169,772004 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=204, hop limit=0 (reply in 245) |
| 243  | 169,79261  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=203, hop limit=0 (request in 241) |
| 244  | 170,773839 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=205, hop limit=0                |
| 245  | 171,273982 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=204, hop limit=0 (request in 242) |
| 246  | 171,774577 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=206, hop limit=0 (reply in 247) |
| 247  | 172,704487 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=206, hop limit=0 (request in 246) |
| 248  | 172,773691 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=207, hop limit=0                |
| 249  | 173,779978 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=208, hop limit=0                |
| 250  | 174,78796  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=209, hop limit=0 (reply in 252) |
| 251  | 175,795975 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=210, hop limit=0                |
| 252  | 176,214148 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=209, hop limit=0 (request in 250) |
| 253  | 176,796897 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=211, hop limit=0 (reply in 254) |
| 254  | 177,67362  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=211, hop limit=0 (request in 253) |
| 255  | 177,796913 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=212, hop limit=0 (reply in 257) |
| 256  | 178,804002 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=213, hop limit=0                |
| 257  | 179,116081 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=212, hop limit=0 (request in 255) |
| 258  | 179,805044 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=214, hop limit=0 (reply in 259) |
| 259  | 180,55553  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=214, hop limit=0 (request in 258) |
| 260  | 180,806015 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=215, hop limit=0 (reply in 262) |
| 261  | 181,805935 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=216, hop limit=0                |
| 262  | 182,042885 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=215, hop limit=0 (request in 260) |
| 263  | 182,805932 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=217, hop limit=0 (reply in 264) |
| 264  | 183,488429 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=217, hop limit=0 (request in 263) |
| 265  | 183,806979 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=218, hop limit=0 (reply in 267) |
| 266  | 184,815961 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=219, hop limit=0                |
| 267  | 184,922788 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=218, hop limit=0 (request in 265) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 10 m 1133 Bytes |            |           |             |          |        |  |
|--|------------|-----------|-------------|----------|--------|--|
| No.  | Time       | Source    | Destination | Protocol | Length | Info   |
| 268  | 185,817869 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=220, hop limit=0                |
| 269  | 186,817877 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=221, hop limit=0 (reply in 271) |
| 270  | 187,817906 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=222, hop limit=0                |
| 271  | 188,392547 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=221, hop limit=0 (request in 269) |
| 272  | 188,819179 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=223, hop limit=0 (reply in 274) |
| 273  | 189,828036 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=224, hop limit=0 (reply in 276) |
| 274  | 189,847085 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=223, hop limit=0 (request in 272) |
| 275  | 190,829267 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=225, hop limit=0                |
| 276  | 191,341372 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=224, hop limit=0 (request in 273) |
| 277  | 191,830101 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=226, hop limit=0 (reply in 278) |
| 278  | 192,773014 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=226, hop limit=0 (request in 277) |
| 279  | 192,829332 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=227, hop limit=0                |
| 280  | 193,835992 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=228, hop limit=0                |
| 281  | 194,844049 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=229, hop limit=0 (reply in 283) |
| 282  | 195,851985 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=230, hop limit=0                |
| 283  | 196,257623 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=229, hop limit=0 (request in 281) |
| 284  | 196,853443 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=231, hop limit=0 (reply in 285) |
| 285  | 197,686242 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=231, hop limit=0 (request in 284) |
| 286  | 197,853699 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=232, hop limit=0 (reply in 288) |
| 287  | 198,853914 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=233, hop limit=0                |
| 288  | 199,168534 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=232, hop limit=0 (request in 286) |
| 289  | 199,853934 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=234, hop limit=0 (reply in 290) |
| 290  | 200,642077 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=234, hop limit=0 (request in 289) |
| 291  | 200,853501 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=235, hop limit=0                |
| 292  | 201,860037 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=236, hop limit=0                |
| 293  | 202,867981 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=237, hop limit=0 (reply in 295) |
| 294  | 203,875988 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=238, hop limit=0                |
| 295  | 204,123698 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=237, hop limit=0 (request in 293) |
| 296  | 204,87691  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=239, hop limit=0                |
| 297  | 205,884003 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=240, hop limit=0                |
| 298  | 206,891944 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=241, hop limit=0 (reply in 299) |
| 299  | 207,569483 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=241, hop limit=0 (request in 298) |
| 300  | 207,892976 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=242, hop limit=0                |
| 301  | 208,900072 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=243, hop limit=0                |
| 302  | 209,908051 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=244, hop limit=0 (reply in 304) |
| 303  | 210,915967 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=245, hop limit=0                |
| 304  | 211,022192 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=244, hop limit=0 (request in 302) |
| 305  | 211,917298 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=246, hop limit=0                |
| 306  | 212,924076 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=247, hop limit=0 (reply in 308) |
| 307  | 213,932098 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=248, hop limit=0                |
| 308  | 214,516888 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=247, hop limit=0 (request in 306) |
| 309  | 214,933506 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=249, hop limit=0 (reply in 311) |
| 310  | 215,939969 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=250, hop limit=0                |
| 311  | 215,972353 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=249, hop limit=0 (request in 309) |
| 312  | 216,941507 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=251, hop limit=0 (reply in 314) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 10 m 1133 Bytes |            |           |             |          |        |  |
|--|------------|-----------|-------------|----------|--------|--|
| No.  | Time       | Source    | Destination | Protocol | Length | Info   |
| 313  | 217,948059 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=252, hop limit=0                |
| 314  | 218,464491 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=251, hop limit=0 (request in 312) |
| 315  | 218,949188 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=253, hop limit=0 (reply in 316) |
| 316  | 219,902974 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=253, hop limit=0 (request in 315) |
| 317  | 219,949295 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=254, hop limit=0 (reply in 319) |
| 318  | 220,956076 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=255, hop limit=0 (reply in 320) |
| 319  | 221,462433 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=254, hop limit=0 (request in 317) |
| 320  | 221,663315 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=255, hop limit=0 (request in 318) |
| 321  | 221,955753 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=256, hop limit=0 (reply in 323) |
| 322  | 222,964019 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=257, hop limit=0                |
| 323  | 223,098747 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=256, hop limit=0 (request in 321) |
| 324  | 223,965821 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=258, hop limit=0 (reply in 326) |
| 325  | 224,965935 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=259, hop limit=0                |
| 326  | 225,531852 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=258, hop limit=0 (request in 324) |
| 327  | 225,966516 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=260, hop limit=0 (reply in 328) |
| 328  | 226,961396 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=260, hop limit=0 (request in 327) |
| 329  | 226,965533 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=261, hop limit=0 (reply in 331) |
| 330  | 227,97206  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=262, hop limit=0                |
| 331  | 228,445856 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=261, hop limit=0 (request in 329) |
| 332  | 228,973639 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=263, hop limit=0 (reply in 333) |
| 333  | 229,875261 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=263, hop limit=0 (request in 332) |
| 334  | 229,973502 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=264, hop limit=0 (reply in 336) |
| 335  | 230,980055 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=265, hop limit=0                |
| 336  | 231,319771 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6284, seq=264, hop limit=0 (request in 334) |
| 337  | 231,98157  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=266, hop limit=0                |
| 338  | 232,988051 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=267, hop limit=0                |
| 339  | 233,995991 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=268, hop limit=0                |
| 340  | 235,003936 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=269, hop limit=0                |
| 341  | 236,012098 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=270, hop limit=0                |
| 342  | 237,019988 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=271, hop limit=0                |
| 343  | 238,028018 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=272, hop limit=0                |
| 344  | 239,036055 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=273, hop limit=0                |
| 345  | 240,044033 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=274, hop limit=0                |
| 346  | 241,052051 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=275, hop limit=0                |
| 347  | 242,060013 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=276, hop limit=0                |
| 348  | 243,067935 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=277, hop limit=0                |
| 349  | 244,07603  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=278, hop limit=0                |
| 350  | 245,083999 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=279, hop limit=0                |
| 351  | 246,092078 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=280, hop limit=0                |
| 352  | 247,100015 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=281, hop limit=0                |
| 353  | 248,108041 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=282, hop limit=0                |
| 354  | 249,116054 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=283, hop limit=0                |
| 355  | 250,12401  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=284, hop limit=0                |
| 356  | 251,131952 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=285, hop limit=0                |
| 357  | 252,140017 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=286, hop limit=0                |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 10 m 1133 Bytes |            |           |             |          |        |   |
|--|------------|-----------|-------------|----------|--------|---|
| No.  | Time       | Source    | Destination | Protocol | Length | Info  |
| 358  | 253,148035 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=287, hop limit=0 |
| 359  | 254,155984 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=288, hop limit=0 |
| 360  | 255,164055 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=289, hop limit=0 |
| 361  | 256,171996 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=290, hop limit=0 |
| 362  | 257,180047 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=291, hop limit=0 |
| 363  | 258,187964 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=292, hop limit=0 |
| 364  | 259,195978 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=293, hop limit=0 |
| 365  | 260,204006 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=294, hop limit=0 |
| 366  | 261,212071 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=295, hop limit=0 |
| 367  | 262,220014 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=296, hop limit=0 |
| 368  | 263,227979 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=297, hop limit=0 |
| 369  | 264,236006 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=298, hop limit=0 |
| 370  | 265,243968 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=299, hop limit=0 |
| 371  | 266,252051 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=300, hop limit=0 |
| 372  | 267,260019 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=301, hop limit=0 |
| 373  | 268,267945 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=302, hop limit=0 |
| 374  | 269,275976 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=303, hop limit=0 |
| 375  | 270,284042 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=304, hop limit=0 |
| 376  | 271,292079 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=305, hop limit=0 |
| 377  | 272,299963 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=306, hop limit=0 |
| 378  | 273,308076 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=307, hop limit=0 |
| 379  | 274,316092 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=308, hop limit=0 |
| 380  | 275,323921 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=309, hop limit=0 |
| 381  | 276,332052 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=310, hop limit=0 |
| 382  | 277,339973 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=311, hop limit=0 |
| 383  | 278,347999 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=312, hop limit=0 |
| 384  | 279,356047 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=313, hop limit=0 |
| 385  | 280,36399  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=314, hop limit=0 |
| 386  | 281,372033 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=315, hop limit=0 |
| 387  | 282,380043 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=316, hop limit=0 |
| 388  | 283,387907 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=317, hop limit=0 |
| 389  | 284,395973 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=318, hop limit=0 |
| 390  | 285,404062 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=319, hop limit=0 |
| 391  | 286,41202  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=320, hop limit=0 |
| 392  | 287,420044 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=321, hop limit=0 |
| 393  | 288,428004 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=322, hop limit=0 |
| 394  | 289,436036 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=323, hop limit=0 |
| 395  | 290,444023 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=324, hop limit=0 |
| 396  | 291,451948 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=325, hop limit=0 |
| 397  | 292,460039 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=326, hop limit=0 |
| 398  | 293,468095 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=327, hop limit=0 |
| 399  | 294,475909 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=328, hop limit=0 |
| 400  | 295,484034 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=329, hop limit=0 |
| 401  | 296,492052 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=330, hop limit=0 |
| 402  | 297,50004  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=331, hop limit=0 |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 10 m 1133 Bytes |            |           |             |          |        |   |
|--|------------|-----------|-------------|----------|--------|---|
| No.  | Time       | Source    | Destination | Protocol | Length | Info  |
| 403  | 298,508049 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=332, hop limit=0 |
| 404  | 299,515995 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=333, hop limit=0 |
| 405  | 300,523999 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=334, hop limit=0 |
| 406  | 301,53197  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=335, hop limit=0 |
| 407  | 302,539973 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=336, hop limit=0 |
| 408  | 303,547965 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=337, hop limit=0 |
| 409  | 304,555987 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=338, hop limit=0 |
| 410  | 305,563961 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=339, hop limit=0 |
| 411  | 306,571998 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=340, hop limit=0 |
| 412  | 307,58     | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=341, hop limit=0 |
| 413  | 308,587964 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=342, hop limit=0 |
| 414  | 309,596021 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=343, hop limit=0 |
| 415  | 310,603945 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=344, hop limit=0 |
| 416  | 311,611988 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=345, hop limit=0 |
| 417  | 312,619999 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=346, hop limit=0 |
| 418  | 313,628035 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6284, seq=347, hop limit=0 |

**Tabla 32. Test para el nodo 7 con 6Lowpan a 20 m con LPL de 1024 ms, paquete de 1133 B y con enrutamiento estático.**

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 20 m 1133 Bytes |           |           |             |          |        |  |
|--|-----------|-----------|-------------|----------|--------|--|
| No.  | Time      | Source    | Destination | Protocol | Length | Info   |
| 1  | 0         | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=13, hop limit=0               |
| 2  | 1,008123  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=14, hop limit=0               |
| 3  | 2,016132  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=15, hop limit=0               |
| 4  | 3,024015  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=16, hop limit=0 (reply in 6)  |
| 5  | 4,032038  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=17, hop limit=0               |
| 6  | 4,557192  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=16, hop limit=0 (request in 4)  |
| 7  | 5,03188   | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=18, hop limit=0 (reply in 8)  |
| 8  | 5,987656  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=18, hop limit=0 (request in 7)  |
| 9  | 6,031874  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=19, hop limit=0 (reply in 11) |
| 10   | 7,040051  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=20, hop limit=0 (reply in 12) |
| 11   | 7,574057  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=19, hop limit=0 (request in 9)  |
| 12   | 7,733979  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=20, hop limit=0 (request in 10) |
| 13   | 8,039422  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=21, hop limit=0 (reply in 15) |
| 14   | 9,048074  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=22, hop limit=0               |
| 15   | 9,181463  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=21, hop limit=0 (request in 13) |
| 16   | 10,049525 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=23, hop limit=0               |
| 17   | 11,056058 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=24, hop limit=0               |
| 18   | 12,064021 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=25, hop limit=0               |
| 19   | 13,072067 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=26, hop limit=0               |
| 20   | 14,080037 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=27, hop limit=0 (reply in 22) |
| 21   | 15,088145 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=28, hop limit=0               |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 20 m 1133 Bytes |           |           |             |          |        |  |
|--|-----------|-----------|-------------|----------|--------|--|
| No.  | Time      | Source    | Destination | Protocol | Length | Info   |
| 22   | 15,66609  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=27, hop limit=0 (request in 20) |
| 23   | 16,087646 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=29, hop limit=0 (reply in 25) |
| 24   | 17,096073 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=30, hop limit=0 (reply in 27) |
| 25   | 17,100634 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=29, hop limit=0 (request in 23) |
| 26   | 18,097919 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=31, hop limit=0               |
| 27   | 18,579958 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=30, hop limit=0 (request in 24) |
| 28   | 19,097629 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=32, hop limit=0 (reply in 29) |
| 29   | 20,011508 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=32, hop limit=0 (request in 28) |
| 30   | 20,097771 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=33, hop limit=0               |
| 31   | 21,104066 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=34, hop limit=0               |
| 32   | 22,112044 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=35, hop limit=0 (reply in 34) |
| 33   | 23,12012  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=36, hop limit=0               |
| 34   | 23,463159 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=35, hop limit=0 (request in 32) |
| 35   | 24,119949 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=37, hop limit=0 (reply in 36) |
| 36   | 24,895722 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=37, hop limit=0 (request in 35) |
| 37   | 25,12016  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=38, hop limit=0 (reply in 39) |
| 38   | 26,127998 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=39, hop limit=0               |
| 39   | 26,352142 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=38, hop limit=0 (request in 37) |
| 40   | 27,128058 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=40, hop limit=0 (reply in 41) |
| 41   | 27,747643 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=40, hop limit=0 (request in 40) |
| 42   | 28,128137 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=41, hop limit=0 (reply in 44) |
| 43   | 29,136153 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=42, hop limit=0               |
| 44   | 29,190136 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=41, hop limit=0 (request in 42) |
| 45   | 30,137316 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=43, hop limit=0               |
| 46   | 31,144054 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=44, hop limit=0               |
| 47   | 32,152059 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=45, hop limit=0               |
| 48   | 33,160052 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=46, hop limit=0               |
| 49   | 34,16803  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=47, hop limit=0               |
| 50   | 35,176087 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=48, hop limit=0               |
| 51   | 36,18405  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=49, hop limit=0 (reply in 53) |
| 52   | 37,192054 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=50, hop limit=0               |
| 53   | 37,719934 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=49, hop limit=0 (request in 51) |
| 54   | 38,192529 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=51, hop limit=0 (reply in 55) |
| 55   | 39,148393 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=51, hop limit=0 (request in 54) |
| 56   | 39,192553 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=52, hop limit=0               |
| 57   | 40,20008  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=53, hop limit=0               |
| 58   | 41,208052 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=54, hop limit=0               |
| 59   | 42,216073 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=55, hop limit=0               |
| 60   | 43,224011 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=56, hop limit=0 (reply in 62) |
| 61   | 44,232053 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=57, hop limit=0               |
| 62   | 44,764327 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=56, hop limit=0 (request in 60) |
| 63   | 45,23191  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=58, hop limit=0 (reply in 64) |
| 64   | 46,203822 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=58, hop limit=0 (request in 63) |
| 65   | 46,231    | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=59, hop limit=0 (reply in 67) |
| 66   | 47,240022 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=60, hop limit=0               |



| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 20 m 1133 Bytes |           |           |             |          |        |   |
|--|-----------|-----------|-------------|----------|--------|---|
| No.  | Time      | Source    | Destination | Protocol | Length | Info  |
| 67   | 47,664259 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=59, hop limit=0 (request in 65)  |
| 68   | 48,239955 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=61, hop limit=0                |
| 69   | 49,248076 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=62, hop limit=0                |
| 70   | 50,256012 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=63, hop limit=0 (reply in 71)  |
| 71   | 51,113019 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=63, hop limit=0 (request in 70)  |
| 72   | 51,255298 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=64, hop limit=0                |
| 73   | 52,264045 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=65, hop limit=0                |
| 74   | 53,271985 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=66, hop limit=0 (reply in 76)  |
| 75   | 54,280045 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=67, hop limit=0                |
| 76   | 54,603766 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=66, hop limit=0 (request in 74)  |
| 77   | 55,280675 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=68, hop limit=0 (reply in 78)  |
| 78   | 56,041255 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=68, hop limit=0 (request in 77)  |
| 79   | 56,280639 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=69, hop limit=0 (reply in 81)  |
| 80   | 57,287978 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=70, hop limit=0                |
| 81   | 57,492695 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=69, hop limit=0 (request in 79)  |
| 82   | 58,288727 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=71, hop limit=0 (reply in 83)  |
| 83   | 58,893143 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=71, hop limit=0 (request in 82)  |
| 84   | 59,288747 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=72, hop limit=0                |
| 85   | 60,296017 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=73, hop limit=0                |
| 86   | 61,304028 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=74, hop limit=0 (reply in 88)  |
| 87   | 62,311953 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=75, hop limit=0                |
| 88   | 62,348958 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=74, hop limit=0 (request in 86)  |
| 89   | 63,313056 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=76, hop limit=0                |
| 90   | 64,320005 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=77, hop limit=0                |
| 91   | 65,328054 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=78, hop limit=0                |
| 92   | 66,335987 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=79, hop limit=0                |
| 93   | 67,343983 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=80, hop limit=0                |
| 94   | 68,35198  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=81, hop limit=0 (reply in 96)  |
| 95   | 69,359994 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=82, hop limit=0                |
| 96   | 69,882136 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=81, hop limit=0 (request in 94)  |
| 97   | 70,360848 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=83, hop limit=0                |
| 98   | 71,368117 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=84, hop limit=0                |
| 99   | 72,375987 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=85, hop limit=0                |
| 100  | 73,383963 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=86, hop limit=0 (reply in 101) |
| 101  | 74,352573 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=86, hop limit=0 (request in 100) |
| 102  | 74,38387  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=87, hop limit=0 (reply in 104) |
| 103  | 75,392016 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=88, hop limit=0                |
| 104  | 75,816962 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=87, hop limit=0 (request in 102) |
| 105  | 76,392713 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=89, hop limit=0 (reply in 106) |
| 106  | 77,255524 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=89, hop limit=0 (request in 105) |
| 107  | 77,393888 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=90, hop limit=0 (reply in 109) |
| 108  | 78,393951 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=91, hop limit=0                |
| 109  | 78,712929 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=90, hop limit=0 (request in 107) |
| 110  | 79,394893 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=92, hop limit=0 (reply in 111) |
| 111  | 80,144423 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=92, hop limit=0 (request in 110) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 20 m 1133 Bytes |            |           |             |          |        |  |
|--|------------|-----------|-------------|----------|--------|--|
| No.  | Time       | Source    | Destination | Protocol | Length | Info   |
| 112  | 80,395977  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=93, hop limit=0 (reply in 114)  |
| 113  | 81,404063  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=94, hop limit=0                 |
| 114  | 81,60478   | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=93, hop limit=0 (request in 112)  |
| 115  | 82,405786  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=95, hop limit=0                 |
| 116  | 83,405954  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=96, hop limit=0                 |
| 117  | 84,405947  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=97, hop limit=0 (reply in 118)  |
| 118  | 85,030636  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=97, hop limit=0 (request in 117)  |
| 119  | 85,407286  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=98, hop limit=0 (reply in 121)  |
| 120  | 86,41608   | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=99, hop limit=0                 |
| 121  | 86,464017  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=98, hop limit=0 (request in 119)  |
| 122  | 87,417189  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=100, hop limit=0                |
| 123  | 88,424005  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=101, hop limit=0                |
| 124  | 89,43215   | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=102, hop limit=0                |
| 125  | 90,440108  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=103, hop limit=0                |
| 126  | 91,448134  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=104, hop limit=0                |
| 127  | 92,456052  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=105, hop limit=0                |
| 128  | 93,464085  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=106, hop limit=0 (reply in 130) |
| 129  | 94,472073  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=107, hop limit=0                |
| 130  | 94,993935  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=106, hop limit=0 (request in 128) |
| 131  | 95,473587  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=108, hop limit=0 (reply in 132) |
| 132  | 96,428403  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=108, hop limit=0 (request in 131) |
| 133  | 96,473703  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=109, hop limit=0 (reply in 135) |
| 134  | 97,480108  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=110, hop limit=0                |
| 135  | 97,98177   | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=109, hop limit=0 (request in 133) |
| 136  | 98,481447  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=111, hop limit=0 (reply in 137) |
| 137  | 99,439389  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=111, hop limit=0 (request in 136) |
| 138  | 99,480706  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=112, hop limit=0 (reply in 140) |
| 139  | 100,48813  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=113, hop limit=0                |
| 140  | 100,994682 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=112, hop limit=0 (request in 138) |
| 141  | 101,489288 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=114, hop limit=0 (reply in 142) |
| 142  | 102,458273 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=114, hop limit=0 (request in 141) |
| 143  | 102,488593 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=115, hop limit=0 (reply in 145) |
| 144  | 103,496051 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=116, hop limit=0                |
| 145  | 103,916645 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=115, hop limit=0 (request in 143) |
| 146  | 104,497471 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=117, hop limit=0 (reply in 147) |
| 147  | 105,34411  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=117, hop limit=0 (request in 146) |
| 148  | 105,497415 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=118, hop limit=0 (reply in 150) |
| 149  | 106,504132 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=119, hop limit=0 (reply in 151) |
| 150  | 106,869522 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=118, hop limit=0 (request in 148) |
| 151  | 107,155467 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=119, hop limit=0 (request in 149) |
| 152  | 107,505016 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=120, hop limit=0 (reply in 154) |
| 153  | 108,512079 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=121, hop limit=0                |
| 154  | 108,590958 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=120, hop limit=0 (request in 152) |
| 155  | 109,513159 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=122, hop limit=0                |
| 156  | 110,520124 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=123, hop limit=0                |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 20 m 1133 Bytes |            |           |             |          |        |  |
|--|------------|-----------|-------------|----------|--------|--|
| No.  | Time       | Source    | Destination | Protocol | Length | Info   |
| 157  | 111,527992 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=124, hop limit=0 (reply in 159) |
| 158  | 112,53611  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=125, hop limit=0                |
| 159  | 113,06324  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=124, hop limit=0 (request in 157) |
| 160  | 113,536817 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=126, hop limit=0 (reply in 161) |
| 161  | 114,491848 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=126, hop limit=0 (request in 160) |
| 162  | 114,536083 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=127, hop limit=0                |
| 163  | 115,544149 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=128, hop limit=0                |
| 164  | 116,552121 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=129, hop limit=0                |
| 165  | 117,560107 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=130, hop limit=0                |
| 166  | 118,568107 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=131, hop limit=0 (reply in 168) |
| 167  | 119,576148 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=132, hop limit=0                |
| 168  | 120,113715 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=131, hop limit=0 (request in 166) |
| 169  | 120,577307 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=133, hop limit=0 (reply in 170) |
| 170  | 121,54517  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=133, hop limit=0 (request in 169) |
| 171  | 121,577331 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=134, hop limit=0                |
| 172  | 122,584069 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=135, hop limit=0                |
| 173  | 123,592058 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=136, hop limit=0 (reply in 175) |
| 174  | 124,600074 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=137, hop limit=0                |
| 175  | 125,054888 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=136, hop limit=0 (request in 173) |
| 176  | 125,601641 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=138, hop limit=0                |
| 177  | 126,608121 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=139, hop limit=0                |
| 178  | 127,616055 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=140, hop limit=0 (reply in 179) |
| 179  | 128,514712 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=140, hop limit=0 (request in 178) |
| 180  | 128,61609  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=141, hop limit=0 (reply in 182) |
| 181  | 129,624114 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=142, hop limit=0                |
| 182  | 129,946123 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=141, hop limit=0 (request in 180) |
| 183  | 130,624957 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=143, hop limit=0 (reply in 184) |
| 184  | 131,37456  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=143, hop limit=0 (request in 183) |
| 185  | 131,624975 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=144, hop limit=0 (reply in 187) |
| 186  | 132,63209  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=145, hop limit=0                |
| 187  | 132,837957 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=144, hop limit=0 (request in 185) |
| 188  | 133,633899 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=146, hop limit=0 (reply in 189) |
| 189  | 134,242475 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=146, hop limit=0 (request in 188) |
| 190  | 134,635032 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=147, hop limit=0                |
| 191  | 135,644111 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=148, hop limit=0                |
| 192  | 136,652113 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=149, hop limit=0 (reply in 194) |
| 193  | 137,660109 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=150, hop limit=0                |
| 194  | 137,693352 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=149, hop limit=0 (request in 192) |
| 195  | 138,661588 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=151, hop limit=0                |
| 196  | 139,668133 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=152, hop limit=0                |
| 197  | 140,676176 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=153, hop limit=0                |
| 198  | 141,684022 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=154, hop limit=0                |
| 199  | 142,692099 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=155, hop limit=0                |
| 200  | 143,70012  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=156, hop limit=0 (reply in 202) |
| 201  | 144,708109 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=157, hop limit=0                |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 20 m 1133 Bytes |            |           |             |          |        |  |
|--|------------|-----------|-------------|----------|--------|--|
| No.  | Time       | Source    | Destination | Protocol | Length | Info   |
| 202  | 145,227564 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=156, hop limit=0 (request in 200) |
| 203  | 145,709296 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=158, hop limit=0 (reply in 204) |
| 204  | 146,665934 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=158, hop limit=0 (request in 203) |
| 205  | 146,709213 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=159, hop limit=0                |
| 206  | 147,716136 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=160, hop limit=0                |
| 207  | 148,724085 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=161, hop limit=0 (reply in 209) |
| 208  | 149,732067 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=162, hop limit=0                |
| 209  | 150,264629 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=161, hop limit=0 (request in 207) |
| 210  | 150,733236 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=163, hop limit=0 (reply in 211) |
| 211  | 151,700132 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=163, hop limit=0 (request in 210) |
| 212  | 151,733353 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=164, hop limit=0 (reply in 214) |
| 213  | 152,740092 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=165, hop limit=0                |
| 214  | 153,27253  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=164, hop limit=0 (request in 212) |
| 215  | 153,741172 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=166, hop limit=0 (reply in 216) |
| 216  | 154,70007  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=166, hop limit=0 (request in 215) |
| 217  | 154,740355 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=167, hop limit=0 (reply in 219) |
| 218  | 155,748152 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=168, hop limit=0                |
| 219  | 156,155532 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=167, hop limit=0 (request in 217) |
| 220  | 156,749343 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=169, hop limit=0 (reply in 221) |
| 221  | 157,580981 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=169, hop limit=0 (request in 220) |
| 222  | 157,749289 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=170, hop limit=0 (reply in 224) |
| 223  | 158,756119 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=171, hop limit=0                |
| 224  | 159,049414 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=170, hop limit=0 (request in 222) |
| 225  | 159,764099 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=172, hop limit=0                |
| 226  | 160,77208  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=173, hop limit=0                |
| 227  | 161,78013  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=174, hop limit=0 (reply in 228) |
| 228  | 162,495177 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=174, hop limit=0 (request in 227) |
| 229  | 162,779508 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=175, hop limit=0                |
| 230  | 163,788108 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=176, hop limit=0                |
| 231  | 164,796119 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=177, hop limit=0 (reply in 233) |
| 232  | 165,804097 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=178, hop limit=0                |
| 233  | 165,963797 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=177, hop limit=0 (request in 231) |
| 234  | 166,805875 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=179, hop limit=0 (reply in 236) |
| 235  | 167,806008 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=180, hop limit=0                |
| 236  | 168,381992 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=179, hop limit=0 (request in 234) |
| 237  | 168,805628 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=181, hop limit=0                |
| 238  | 169,812046 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=182, hop limit=0                |
| 239  | 170,820082 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=183, hop limit=0 (reply in 241) |
| 240  | 171,8281   | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=184, hop limit=0 (reply in 243) |
| 241  | 171,833797 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=183, hop limit=0 (request in 239) |
| 242  | 172,830051 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=185, hop limit=0                |
| 243  | 173,314173 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=184, hop limit=0 (request in 240) |
| 244  | 173,829858 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=186, hop limit=0 (reply in 245) |
| 245  | 174,741732 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=186, hop limit=0 (request in 244) |
| 246  | 174,829085 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=187, hop limit=0 (reply in 248) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 20 m 1133 Bytes |            |           |             |          |        |  |
|--|------------|-----------|-------------|----------|--------|--|
| No.  | Time       | Source    | Destination | Protocol | Length | Info   |
| 247  | 175,836147 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=188, hop limit=0                |
| 248  | 176,179112 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=187, hop limit=0 (request in 246) |
| 249  | 176,836955 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=189, hop limit=0                |
| 250  | 177,844044 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=190, hop limit=0                |
| 251  | 178,852142 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=191, hop limit=0 (reply in 252) |
| 252  | 179,630843 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=191, hop limit=0 (request in 251) |
| 253  | 179,852274 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=192, hop limit=0 (reply in 255) |
| 254  | 180,860023 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=193, hop limit=0                |
| 255  | 181,089292 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=192, hop limit=0 (request in 253) |
| 256  | 181,861298 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=194, hop limit=0 (reply in 257) |
| 257  | 182,511821 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=194, hop limit=0 (request in 256) |
| 258  | 182,861317 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=195, hop limit=0                |
| 259  | 183,868105 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=196, hop limit=0                |
| 260  | 184,876154 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=197, hop limit=0 (reply in 262) |
| 261  | 185,884077 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=198, hop limit=0                |
| 262  | 185,977528 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=197, hop limit=0 (request in 260) |
| 263  | 186,88569  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=199, hop limit=0                |
| 264  | 187,892103 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=200, hop limit=0                |
| 265  | 188,900061 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=201, hop limit=0 (reply in 267) |
| 266  | 189,908167 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=202, hop limit=0                |
| 267  | 190,451913 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=201, hop limit=0 (request in 265) |
| 268  | 190,908651 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=203, hop limit=0 (reply in 269) |
| 269  | 191,879441 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=203, hop limit=0 (request in 268) |
| 270  | 191,908729 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=204, hop limit=0                |
| 271  | 192,91611  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=205, hop limit=0                |
| 272  | 193,924109 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=206, hop limit=0 (reply in 274) |
| 273  | 194,932109 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=207, hop limit=0                |
| 274  | 195,370039 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=206, hop limit=0 (request in 272) |
| 275  | 195,931765 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=208, hop limit=0                |
| 276  | 196,940152 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=209, hop limit=0                |
| 277  | 197,94805  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=210, hop limit=0 (reply in 278) |
| 278  | 198,816864 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=210, hop limit=0 (request in 277) |
| 279  | 198,948181 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=211, hop limit=0 (reply in 281) |
| 280  | 199,956074 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=212, hop limit=0                |
| 281  | 200,253277 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=211, hop limit=0 (request in 279) |
| 282  | 200,957119 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=213, hop limit=0                |
| 283  | 201,964127 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=214, hop limit=0                |
| 284  | 202,972092 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=215, hop limit=0 (reply in 285) |
| 285  | 203,706057 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=215, hop limit=0 (request in 284) |
| 286  | 203,971494 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=216, hop limit=0 (reply in 288) |
| 287  | 204,980075 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=217, hop limit=0                |
| 288  | 205,14649  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=216, hop limit=0 (request in 286) |
| 289  | 205,981553 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=218, hop limit=0 (reply in 291) |
| 290  | 206,988045 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=219, hop limit=0                |
| 291  | 207,584611 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=218, hop limit=0 (request in 289) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 20 m 1133 Bytes |            |           |             |          |        |  |
|--|------------|-----------|-------------|----------|--------|--|
| No.  | Time       | Source    | Destination | Protocol | Length | Info   |
| 292  | 207,988206 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=220, hop limit=0 (reply in 294) |
| 293  | 208,996153 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=221, hop limit=0 (reply in 296) |
| 294  | 209,029159 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=220, hop limit=0 (request in 292) |
| 295  | 209,997407 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=222, hop limit=0                |
| 296  | 210,496602 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=221, hop limit=0 (request in 293) |
| 297  | 210,997345 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=223, hop limit=0 (reply in 298) |
| 298  | 211,921982 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=223, hop limit=0 (request in 297) |
| 299  | 211,997277 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=224, hop limit=0                |
| 300  | 213,004148 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=225, hop limit=0                |
| 301  | 214,012105 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=226, hop limit=0 (reply in 303) |
| 302  | 215,020097 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=227, hop limit=0                |
| 303  | 215,375769 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=226, hop limit=0 (request in 301) |
| 304  | 216,020615 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=228, hop limit=0 (reply in 305) |
| 305  | 216,805272 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=228, hop limit=0 (request in 304) |
| 306  | 217,020762 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=229, hop limit=0 (reply in 308) |
| 307  | 218,028101 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=230, hop limit=0                |
| 308  | 218,270682 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=229, hop limit=0 (request in 306) |
| 309  | 219,029721 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=231, hop limit=0 (reply in 310) |
| 310  | 219,69112  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=231, hop limit=0 (request in 309) |
| 311  | 220,029659 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=232, hop limit=0 (reply in 313) |
| 312  | 221,036126 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=233, hop limit=0                |
| 313  | 221,131628 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=232, hop limit=0 (request in 311) |
| 314  | 222,037813 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=234, hop limit=0                |
| 315  | 223,038024 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=235, hop limit=0 (reply in 317) |
| 316  | 224,037965 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=236, hop limit=0                |
| 317  | 224,587368 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=235, hop limit=0 (request in 315) |
| 318  | 225,037977 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=237, hop limit=0 (reply in 319) |
| 319  | 226,022857 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=237, hop limit=0 (request in 318) |
| 320  | 226,037127 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=238, hop limit=0 (reply in 322) |
| 321  | 227,044127 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=239, hop limit=0                |
| 322  | 227,490295 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=238, hop limit=0 (request in 320) |
| 323  | 228,044035 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=240, hop limit=0 (reply in 324) |
| 324  | 228,920831 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=240, hop limit=0 (request in 323) |
| 325  | 229,044223 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=241, hop limit=0 (reply in 327) |
| 326  | 230,052078 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=242, hop limit=0                |
| 327  | 230,350221 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=241, hop limit=0 (request in 325) |
| 328  | 231,052057 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=243, hop limit=0 (reply in 329) |
| 329  | 231,787675 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=243, hop limit=0 (request in 328) |
| 330  | 232,052106 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=244, hop limit=0 (reply in 332) |
| 331  | 233,060126 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=245, hop limit=0                |
| 332  | 233,242113 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=244, hop limit=0 (request in 330) |
| 333  | 234,061103 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=246, hop limit=0 (reply in 335) |
| 334  | 235,068076 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=247, hop limit=0                |
| 335  | 235,658298 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=246, hop limit=0 (request in 333) |
| 336  | 236,067917 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=248, hop limit=0                |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 20 m 1133 Bytes |            |           |             |          |        |  |
|--|------------|-----------|-------------|----------|--------|--|
| No.  | Time       | Source    | Destination | Protocol | Length | Info   |
| 337  | 237,0761   | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=249, hop limit=0                |
| 338  | 238,084149 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=250, hop limit=0 (reply in 340) |
| 339  | 239,092145 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=251, hop limit=0 (reply in 342) |
| 340  | 239,109076 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=250, hop limit=0 (request in 338) |
| 341  | 240,093337 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=252, hop limit=0                |
| 342  | 240,587481 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=251, hop limit=0 (request in 339) |
| 343  | 241,093195 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=253, hop limit=0 (reply in 344) |
| 344  | 242,017021 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=253, hop limit=0 (request in 343) |
| 345  | 242,092369 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=254, hop limit=0 (reply in 347) |
| 346  | 243,100132 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=255, hop limit=0                |
| 347  | 243,462408 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=254, hop limit=0 (request in 345) |
| 348  | 244,100272 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=256, hop limit=0 (reply in 349) |
| 349  | 244,888814 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=256, hop limit=0 (request in 348) |
| 350  | 245,100151 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=257, hop limit=0 (reply in 352) |
| 351  | 246,10813  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=258, hop limit=0                |
| 352  | 246,353267 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=257, hop limit=0 (request in 350) |
| 353  | 247,116082 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=259, hop limit=0 (reply in 354) |
| 354  | 247,79477  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=259, hop limit=0 (request in 353) |
| 355  | 248,116243 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=260, hop limit=0 (reply in 357) |
| 356  | 249,124121 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=261, hop limit=0                |
| 357  | 249,233277 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=260, hop limit=0 (request in 355) |
| 358  | 250,125454 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=262, hop limit=0                |
| 359  | 251,132071 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=263, hop limit=0 (reply in 361) |
| 360  | 252,140172 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=264, hop limit=0                |
| 361  | 252,69092  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6441, seq=263, hop limit=0 (request in 359) |
| 362  | 253,140462 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6441, seq=265, hop limit=0                |

**Tabla 33. Test para el nodo 7 con 6Lowpan a 30 m con LPL de 1024 ms, paquete de 1133 B y con enrutamiento estático.**

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 30 m 120 Bytes |          |           |             |          |        |   |
|---|----------|-----------|-------------|----------|--------|---|
| No.   | Time     | Source    | Destination | Protocol | Length | Info  |
| 1   | 0        | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=232, hop limit=0                 |
| 2   | 0,520671 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=234, hop limit=0               |
| 3   | 1,527726 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=235, hop limit=0               |
| 4   | 2,535638 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=236, hop limit=0 (reply in 5)  |
| 5   | 3,45281  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=236, hop limit=0 (request in 4)  |
| 6   | 3,535103 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=237, hop limit=0               |
| 7   | 4,543583 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=238, hop limit=0               |
| 8   | 5,55167  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=239, hop limit=0 (reply in 10) |
| 9   | 6,559684 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=240, hop limit=0 (reply in 11) |
| 10  | 7,002483 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=239, hop limit=0 (request in 8)  |
| 11  | 7,233395 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=240, hop limit=0 (request in 9)  |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 30 m 120 Bytes |           |           |             |          |        |   |
|---|-----------|-----------|-------------|----------|--------|---|
| No.   | Time      | Source    | Destination | Protocol | Length | Info  |
| 12  | 7,559913  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=241, hop limit=0               |
| 13  | 8,567631  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=242, hop limit=0               |
| 14  | 9,5756    | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=243, hop limit=0 (reply in 16) |
| 15  | 10,583631 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=244, hop limit=0               |
| 16  | 10,688065 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=243, hop limit=0 (request in 14) |
| 17  | 11,585154 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=245, hop limit=0               |
| 18  | 12,591648 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=246, hop limit=0               |
| 19  | 13,599667 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=247, hop limit=0               |
| 20  | 14,607703 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=248, hop limit=0 (reply in 22) |
| 21  | 15,615636 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=249, hop limit=0               |
| 22  | 16,167136 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=248, hop limit=0 (request in 20) |
| 23  | 16,615834 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=250, hop limit=0 (reply in 24) |
| 24  | 17,598642 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=250, hop limit=0 (request in 23) |
| 25  | 17,615931 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=251, hop limit=0               |
| 26  | 18,62359  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=252, hop limit=0               |
| 27  | 19,631687 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=253, hop limit=0 (reply in 29) |
| 28  | 20,63968  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=254, hop limit=0               |
| 29  | 21,110301 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=253, hop limit=0 (request in 27) |
| 30  | 21,63949  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=255, hop limit=0 (reply in 31) |
| 31  | 22,537818 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=255, hop limit=0 (request in 30) |
| 32  | 22,639127 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=256, hop limit=0 (reply in 34) |
| 33  | 23,64763  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=257, hop limit=0               |
| 34  | 23,995293 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=256, hop limit=0 (request in 32) |
| 35  | 24,648098 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=258, hop limit=0 (reply in 36) |
| 36  | 25,435809 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=258, hop limit=0 (request in 35) |
| 37  | 25,648312 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=259, hop limit=0               |
| 38  | 26,655585 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=260, hop limit=0               |
| 39  | 27,663608 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=261, hop limit=0               |
| 40  | 28,671633 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=262, hop limit=0               |
| 41  | 29,67964  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=263, hop limit=0               |
| 42  | 30,687631 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=264, hop limit=0               |
| 43  | 31,69571  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=265, hop limit=0 (reply in 45) |
| 44  | 32,703689 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=266, hop limit=0               |
| 45  | 32,961013 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=265, hop limit=0 (request in 43) |
| 46  | 33,703968 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=267, hop limit=0               |
| 47  | 34,711664 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=268, hop limit=0               |
| 48  | 35,719711 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=269, hop limit=0 (reply in 49) |
| 49  | 36,409725 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=269, hop limit=0 (request in 48) |
| 50  | 36,719238 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=270, hop limit=0               |
| 51  | 37,72761  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=271, hop limit=0               |
| 52  | 38,735674 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=272, hop limit=0 (reply in 54) |
| 53  | 39,743583 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=273, hop limit=0               |
| 54  | 39,869437 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=272, hop limit=0 (request in 52) |
| 55  | 40,743572 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=274, hop limit=0               |
| 56  | 41,751727 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=275, hop limit=0               |



| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 30 m 120 Bytes |           |           |             |          |        |  |
|---|-----------|-----------|-------------|----------|--------|--|
| No.   | Time      | Source    | Destination | Protocol | Length | Info   |
| 57  | 42,759644 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=276, hop limit=0 (reply in 59)  |
| 58  | 43,767653 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=277, hop limit=0                |
| 59  | 44,32776  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=276, hop limit=0 (request in 57)  |
| 60  | 44,76737  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=278, hop limit=0                |
| 61  | 45,77564  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=279, hop limit=0                |
| 62  | 46,783588 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=280, hop limit=0                |
| 63  | 47,791606 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=281, hop limit=0                |
| 64  | 48,799623 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=282, hop limit=0 (reply in 65)  |
| 65  | 49,794875 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=282, hop limit=0 (request in 64)  |
| 66  | 49,798622 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=283, hop limit=0 (reply in 68)  |
| 67  | 50,80763  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=284, hop limit=0                |
| 68  | 51,279344 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=283, hop limit=0 (request in 66)  |
| 69  | 51,808058 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=285, hop limit=0 (reply in 70)  |
| 70  | 52,709726 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=285, hop limit=0 (request in 69)  |
| 71  | 52,808083 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=286, hop limit=0 (reply in 73)  |
| 72  | 53,815651 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=287, hop limit=0                |
| 73  | 54,138228 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=286, hop limit=0 (request in 71)  |
| 74  | 54,817178 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=288, hop limit=0 (reply in 75)  |
| 75  | 55,578717 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=288, hop limit=0 (request in 74)  |
| 76  | 55,818223 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=289, hop limit=0                |
| 77  | 56,817553 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=290, hop limit=0                |
| 78  | 57,817545 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=291, hop limit=0                |
| 79  | 58,817519 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=292, hop limit=0 (reply in 81)  |
| 80  | 59,817514 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=293, hop limit=0                |
| 81  | 60,058028 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=292, hop limit=0 (request in 79)  |
| 82  | 60,818987 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=294, hop limit=0 (reply in 83)  |
| 83  | 61,48046  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=294, hop limit=0 (request in 82)  |
| 84  | 61,819957 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=295, hop limit=0                |
| 85  | 62,827644 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=296, hop limit=0                |
| 86  | 63,835634 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=297, hop limit=0 (reply in 88)  |
| 87  | 64,843601 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=298, hop limit=0                |
| 88  | 64,935172 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=297, hop limit=0 (request in 86)  |
| 89  | 65,845286 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=299, hop limit=0                |
| 90  | 66,851664 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=300, hop limit=0                |
| 91  | 67,859648 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=301, hop limit=0 (reply in 93)  |
| 92  | 68,867609 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=302, hop limit=0                |
| 93  | 69,413571 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=301, hop limit=0 (request in 91)  |
| 94  | 69,868174 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=303, hop limit=0                |
| 95  | 70,875633 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=304, hop limit=0                |
| 96  | 71,883566 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=305, hop limit=0 (reply in 97)  |
| 97  | 72,883349 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=305, hop limit=0 (request in 96)  |
| 98  | 72,883438 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=306, hop limit=0                |
| 99  | 73,891599 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=307, hop limit=0                |
| 100   | 74,899587 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=308, hop limit=0 (reply in 102) |
| 101   | 75,90754  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=309, hop limit=0                |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 30 m 120 Bytes |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 102   | 76,37698   | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=308, hop limit=0 (request in 100) |
| 103   | 76,908694  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=310, hop limit=0 (reply in 104) |
| 104   | 77,820521  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=310, hop limit=0 (request in 103) |
| 105   | 77,908774  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=311, hop limit=0                |
| 106   | 78,915674  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=312, hop limit=0                |
| 107   | 79,923606  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=313, hop limit=0 (reply in 109) |
| 108   | 80,931584  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=314, hop limit=0                |
| 109   | 81,28522   | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=313, hop limit=0 (request in 107) |
| 110   | 81,932983  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=315, hop limit=0                |
| 111   | 82,939578  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=316, hop limit=0                |
| 112   | 83,947572  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=317, hop limit=0 (reply in 113) |
| 113   | 84,913895  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=317, hop limit=0 (request in 112) |
| 114   | 84,947148  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=318, hop limit=0                |
| 115   | 85,955648  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=319, hop limit=0                |
| 116   | 86,963596  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=320, hop limit=0                |
| 117   | 87,971571  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=321, hop limit=0                |
| 118   | 88,979509  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=322, hop limit=0                |
| 119   | 89,987564  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=323, hop limit=0                |
| 120   | 90,995591  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=324, hop limit=0                |
| 121   | 92,003538  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=325, hop limit=0                |
| 122   | 93,011646  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=326, hop limit=0                |
| 123   | 94,019589  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=327, hop limit=0                |
| 124   | 95,0276    | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=328, hop limit=0                |
| 125   | 96,035635  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=329, hop limit=0                |
| 126   | 97,043533  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=330, hop limit=0 (reply in 128) |
| 127   | 98,051648  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=331, hop limit=0                |
| 128   | 98,273984  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=330, hop limit=0 (request in 126) |
| 129   | 99,052963  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=332, hop limit=0                |
| 130   | 100,059649 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=333, hop limit=0                |
| 131   | 101,067638 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=334, hop limit=0 (reply in 132) |
| 132   | 101,732656 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=334, hop limit=0 (request in 131) |
| 133   | 102,068164 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=335, hop limit=0 (reply in 135) |
| 134   | 103,075565 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=336, hop limit=0                |
| 135   | 103,211123 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=335, hop limit=0 (request in 133) |
| 136   | 104,077199 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=337, hop limit=0                |
| 137   | 105,083554 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=338, hop limit=0                |
| 138   | 106,091591 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=339, hop limit=0 (reply in 140) |
| 139   | 107,099547 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=340, hop limit=0                |
| 140   | 107,695413 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=339, hop limit=0 (request in 138) |
| 141   | 108,100987 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=341, hop limit=0                |
| 142   | 109,107619 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=342, hop limit=0                |
| 143   | 110,115546 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=343, hop limit=0 (reply in 145) |
| 144   | 111,123604 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=344, hop limit=0                |
| 145   | 111,161141 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=343, hop limit=0 (request in 143) |
| 146   | 112,125244 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=345, hop limit=0                |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 30 m 120 Bytes |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 147   | 113,131584 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=346, hop limit=0                |
| 148   | 114,139644 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=347, hop limit=0                |
| 149   | 115,147609 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=348, hop limit=0                |
| 150   | 116,155572 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=349, hop limit=0                |
| 151   | 117,163609 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=350, hop limit=0                |
| 152   | 118,171567 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=351, hop limit=0                |
| 153   | 119,179597 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=352, hop limit=0                |
| 154   | 120,187632 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=353, hop limit=0                |
| 155   | 121,195574 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=354, hop limit=0                |
| 156   | 122,203663 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=355, hop limit=0                |
| 157   | 123,211638 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=356, hop limit=0                |
| 158   | 124,219632 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=357, hop limit=0                |
| 159   | 125,2276   | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=358, hop limit=0                |
| 160   | 126,235565 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=359, hop limit=0                |
| 161   | 127,243603 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=360, hop limit=0                |
| 162   | 128,251634 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=361, hop limit=0                |
| 163   | 129,259567 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=362, hop limit=0 (reply in 165) |
| 164   | 130,267605 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=363, hop limit=0                |
| 165   | 130,796801 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=362, hop limit=0 (request in 163) |
| 166   | 131,268422 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=364, hop limit=0 (reply in 167) |
| 167   | 132,227366 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=364, hop limit=0 (request in 166) |
| 168   | 132,267649 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=365, hop limit=0                |
| 169   | 133,275564 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=366, hop limit=0                |
| 170   | 134,283551 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=367, hop limit=0                |
| 171   | 135,291551 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=368, hop limit=0                |
| 172   | 136,299638 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=369, hop limit=0 (reply in 174) |
| 173   | 137,307551 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=370, hop limit=0                |
| 174   | 137,824187 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=369, hop limit=0 (request in 172) |
| 175   | 138,307822 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=371, hop limit=0 (reply in 176) |
| 176   | 139,293743 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=371, hop limit=0 (request in 175) |
| 177   | 139,307002 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=372, hop limit=0 (reply in 179) |
| 178   | 140,315564 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=373, hop limit=0                |
| 179   | 140,759129 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=372, hop limit=0 (request in 177) |
| 180   | 141,316805 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=374, hop limit=0 (reply in 181) |
| 181   | 142,200681 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=374, hop limit=0 (request in 180) |
| 182   | 142,316022 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=375, hop limit=0                |
| 183   | 143,323692 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=376, hop limit=0                |
| 184   | 144,331579 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=377, hop limit=0 (reply in 186) |
| 185   | 145,339637 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=378, hop limit=0                |
| 186   | 145,677363 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=377, hop limit=0 (request in 184) |
| 187   | 146,341256 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=379, hop limit=0 (reply in 188) |
| 188   | 147,118864 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=379, hop limit=0 (request in 187) |
| 189   | 147,341322 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=380, hop limit=0                |
| 190   | 148,34763  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=381, hop limit=0                |
| 191   | 149,355666 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=382, hop limit=0 (reply in 193) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 30 m 120 Bytes |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 192   | 150,363668 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=383, hop limit=0                |
| 193   | 150,605407 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=382, hop limit=0 (request in 191) |
| 194   | 151,365299 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=384, hop limit=0                |
| 195   | 152,371673 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=385, hop limit=0                |
| 196   | 153,379698 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=386, hop limit=0 (reply in 197) |
| 197   | 154,046287 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=386, hop limit=0 (request in 196) |
| 198   | 154,379793 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=387, hop limit=0 (reply in 200) |
| 199   | 155,387706 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=388, hop limit=0                |
| 200   | 155,492692 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=387, hop limit=0 (request in 198) |
| 201   | 156,388752 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=389, hop limit=0                |
| 202   | 157,395678 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=390, hop limit=0                |
| 203   | 158,403702 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=391, hop limit=0                |
| 204   | 159,411655 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=392, hop limit=0                |
| 205   | 160,419631 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=393, hop limit=0                |
| 206   | 161,42767  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=394, hop limit=0                |
| 207   | 162,435667 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=395, hop limit=0                |
| 208   | 163,443673 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=396, hop limit=0 (reply in 210) |
| 209   | 164,451642 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=397, hop limit=0                |
| 210   | 165,023208 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=396, hop limit=0 (request in 208) |
| 211   | 165,451755 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=398, hop limit=0 (reply in 212) |
| 212   | 166,448721 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=398, hop limit=0 (request in 211) |
| 213   | 166,450764 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=399, hop limit=0                |
| 214   | 167,459614 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=400, hop limit=0                |
| 215   | 168,467708 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=401, hop limit=0                |
| 216   | 169,475671 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=402, hop limit=0                |
| 217   | 170,483615 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=403, hop limit=0                |
| 218   | 171,491701 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=404, hop limit=0                |
| 219   | 172,499602 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=405, hop limit=0 (reply in 221) |
| 220   | 173,507645 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=406, hop limit=0 (reply in 223) |
| 221   | 173,520206 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=405, hop limit=0 (request in 219) |
| 222   | 174,509478 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=407, hop limit=0                |
| 223   | 175,004513 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=406, hop limit=0 (request in 220) |
| 224   | 175,509137 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=408, hop limit=0                |
| 225   | 176,51571  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=409, hop limit=0                |
| 226   | 177,523661 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=410, hop limit=0 (reply in 227) |
| 227   | 178,455403 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=410, hop limit=0 (request in 226) |
| 228   | 178,523714 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=411, hop limit=0                |
| 229   | 179,53164  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=412, hop limit=0                |
| 230   | 180,539666 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=413, hop limit=0 (reply in 232) |
| 231   | 181,547712 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=414, hop limit=0                |
| 232   | 181,953011 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=413, hop limit=0 (request in 230) |
| 233   | 182,547782 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=415, hop limit=0                |
| 234   | 183,555654 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=416, hop limit=0                |
| 235   | 184,563611 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=417, hop limit=0                |
| 236   | 185,571685 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=418, hop limit=0                |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 30 m 120 Bytes |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 237   | 186,579654 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=419, hop limit=0 (reply in 238) |
| 238   | 187,462926 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=419, hop limit=0 (request in 237) |
| 239   | 187,579146 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=420, hop limit=0                |
| 240   | 188,587625 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=421, hop limit=0                |
| 241   | 189,595676 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=422, hop limit=0                |
| 242   | 190,6037   | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=423, hop limit=0                |
| 243   | 191,611586 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=424, hop limit=0                |
| 244   | 192,619659 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=425, hop limit=0                |
| 245   | 193,627576 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=426, hop limit=0                |
| 246   | 194,635672 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=427, hop limit=0                |
| 247   | 195,643702 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=428, hop limit=0                |
| 248   | 196,651694 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=429, hop limit=0                |
| 249   | 197,659685 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=430, hop limit=0                |
| 250   | 198,667661 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=431, hop limit=0 (reply in 251) |
| 251   | 199,552345 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=431, hop limit=0 (request in 250) |
| 252   | 199,66764  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=432, hop limit=0 (reply in 254) |
| 253   | 200,675635 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=433, hop limit=0                |
| 254   | 201,010798 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=432, hop limit=0 (request in 252) |
| 255   | 201,675708 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=434, hop limit=0 (reply in 256) |
| 256   | 202,45426  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=434, hop limit=0 (request in 255) |
| 257   | 202,675672 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=435, hop limit=0 (reply in 259) |
| 258   | 203,683669 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=436, hop limit=0 (reply in 260) |
| 259   | 203,974672 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=435, hop limit=0 (request in 257) |
| 260   | 204,316541 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=436, hop limit=0 (request in 258) |
| 261   | 204,684037 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=437, hop limit=0                |
| 262   | 205,691681 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=438, hop limit=0                |
| 263   | 206,699678 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=439, hop limit=0                |
| 264   | 207,707621 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=440, hop limit=0                |
| 265   | 208,715582 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=441, hop limit=0                |
| 266   | 209,723567 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=442, hop limit=0                |
| 267   | 210,731618 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=443, hop limit=0                |
| 268   | 211,739733 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=444, hop limit=0                |
| 269   | 212,747557 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=445, hop limit=0 (reply in 271) |
| 270   | 213,755657 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=446, hop limit=0                |
| 271   | 213,864858 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=445, hop limit=0 (request in 269) |
| 272   | 214,755892 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=447, hop limit=0                |
| 273   | 215,763669 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=448, hop limit=0 (reply in 275) |
| 274   | 216,77168  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=449, hop limit=0                |
| 275   | 217,321586 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=448, hop limit=0 (request in 273) |
| 276   | 217,771165 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=450, hop limit=0                |
| 277   | 218,779652 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=451, hop limit=0                |
| 278   | 219,787699 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=452, hop limit=0 (reply in 280) |
| 279   | 220,795524 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=453, hop limit=0                |
| 280   | 220,799385 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=452, hop limit=0 (request in 278) |
| 281   | 221,796609 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=454, hop limit=0                |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 30 m 120 Bytes |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 282   | 222,803567 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=455, hop limit=0                |
| 283   | 223,81164  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=456, hop limit=0                |
| 284   | 224,819664 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=457, hop limit=0                |
| 285   | 225,827572 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=458, hop limit=0                |
| 286   | 226,835655 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=459, hop limit=0 (reply in 288) |
| 287   | 227,843659 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=460, hop limit=0                |
| 288   | 228,352398 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=459, hop limit=0 (request in 286) |
| 289   | 228,845163 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=461, hop limit=0                |
| 290   | 229,851671 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=462, hop limit=0                |
| 291   | 230,859714 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=463, hop limit=0 (reply in 292) |
| 292   | 231,843171 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=463, hop limit=0 (request in 291) |
| 293   | 231,859397 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=464, hop limit=0 (reply in 295) |
| 294   | 232,867727 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=465, hop limit=0                |
| 295   | 233,321589 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=464, hop limit=0 (request in 293) |
| 296   | 233,868396 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=466, hop limit=0                |
| 297   | 234,875587 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=467, hop limit=0                |
| 298   | 235,883685 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=468, hop limit=0 (reply in 299) |
| 299   | 236,771342 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=468, hop limit=0 (request in 298) |
| 300   | 236,884737 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=469, hop limit=0 (reply in 302) |
| 301   | 237,891674 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=470, hop limit=0                |
| 302   | 238,205744 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=469, hop limit=0 (request in 300) |
| 303   | 238,89272  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=471, hop limit=0                |
| 304   | 239,899668 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=472, hop limit=0                |
| 305   | 240,907704 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=473, hop limit=0 (reply in 306) |
| 306   | 241,658418 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=473, hop limit=0 (request in 305) |
| 307   | 241,908839 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=474, hop limit=0 (reply in 309) |
| 308   | 242,915682 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=475, hop limit=0                |
| 309   | 243,119805 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=474, hop limit=0 (request in 307) |
| 310   | 243,916757 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=476, hop limit=0                |
| 311   | 244,923653 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=477, hop limit=0                |
| 312   | 245,931618 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=478, hop limit=0 (reply in 313) |
| 313   | 246,541533 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=478, hop limit=0 (request in 312) |
| 314   | 246,932098 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=479, hop limit=0 (reply in 316) |
| 315   | 247,939637 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=480, hop limit=0                |
| 316   | 248,003946 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=479, hop limit=0 (request in 314) |
| 317   | 248,941127 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=481, hop limit=0                |
| 318   | 249,947578 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=482, hop limit=0                |
| 319   | 250,955641 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=483, hop limit=0                |
| 320   | 251,963562 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=484, hop limit=0                |
| 321   | 252,971563 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=485, hop limit=0                |
| 322   | 253,979706 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=486, hop limit=0 (reply in 324) |
| 323   | 254,987588 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=487, hop limit=0                |
| 324   | 255,536146 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=486, hop limit=0 (request in 322) |
| 325   | 255,988838 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=488, hop limit=0 (reply in 327) |
| 326   | 256,995602 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=489, hop limit=0                |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 30 m 120 Bytes |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 327   | 257,047548 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=488, hop limit=0 (request in 325) |
| 328   | 257,996681 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=490, hop limit=0                |
| 329   | 259,003729 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=491, hop limit=0                |
| 330   | 260,011651 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=492, hop limit=0                |
| 331   | 261,019645 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=493, hop limit=0                |
| 332   | 262,027654 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=494, hop limit=0 (reply in 334) |
| 333   | 263,035592 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=495, hop limit=0                |
| 334   | 263,558048 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=494, hop limit=0 (request in 332) |
| 335   | 264,036737 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=496, hop limit=0                |
| 336   | 265,043713 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=497, hop limit=0                |
| 337   | 266,051664 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=498, hop limit=0                |
| 338   | 267,059705 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=499, hop limit=0                |
| 339   | 268,06764  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=500, hop limit=0                |
| 340   | 269,075677 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=501, hop limit=0                |
| 341   | 270,083641 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=502, hop limit=0                |
| 342   | 271,091608 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=503, hop limit=0                |
| 343   | 272,099633 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=504, hop limit=0 (reply in 345) |
| 344   | 273,107633 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=505, hop limit=0                |
| 345   | 273,146442 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x647e, seq=504, hop limit=0 (request in 343) |
| 346   | 274,109581 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=506, hop limit=0                |
| 347   | 275,109526 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=507, hop limit=0                |
| 348   | 276,109477 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=508, hop limit=0                |
| 349   | 277,109527 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x647e, seq=509, hop limit=0                |

**Tabla 34. Test para el nodo 7 con 6Lowpan a 40 m con LPL de 1024 ms, paquete de 1133 B y con enrutamiento estático.**

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 40 m 1133 Bytes |           |           |             |          |        |   |
|--|-----------|-----------|-------------|----------|--------|---|
| No.  | Time      | Source    | Destination | Protocol | Length | Info  |
| 1  | 0         | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=238, hop limit=0               |
| 2  | 1,007953  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=239, hop limit=0               |
| 3  | 2,015951  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=240, hop limit=0               |
| 4  | 3,023976  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=241, hop limit=0 (reply in 5)  |
| 5  | 3,809226  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=241, hop limit=0 (request in 4)  |
| 6  | 4,023607  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=242, hop limit=0               |
| 7  | 5,03194   | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=243, hop limit=0               |
| 8  | 6,04002   | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=244, hop limit=0 (reply in 10) |
| 9  | 7,048055  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=245, hop limit=0               |
| 10   | 7,318821  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=244, hop limit=0 (request in 8)  |
| 11   | 8,048733  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=246, hop limit=0               |
| 12   | 9,055968  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=247, hop limit=0               |
| 13   | 10,063899 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=248, hop limit=0 (reply in 14) |
| 14   | 10,771455 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=248, hop limit=0 (request in 13) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 40 m 1133 Bytes |           |           |             |          |        |   |
|--|-----------|-----------|-------------|----------|--------|---|
| No.  | Time      | Source    | Destination | Protocol | Length | Info  |
| 15   | 11,063923 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=249, hop limit=0               |
| 16   | 12,071959 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=250, hop limit=0               |
| 17   | 13,079875 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=251, hop limit=0 (reply in 19) |
| 18   | 14,087849 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=252, hop limit=0               |
| 19   | 14,256145 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=251, hop limit=0 (request in 17) |
| 20   | 15,087433 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=253, hop limit=0               |
| 21   | 16,096001 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=254, hop limit=0               |
| 22   | 17,103924 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=255, hop limit=0               |
| 23   | 18,111954 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=256, hop limit=0               |
| 24   | 19,120019 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=257, hop limit=0               |
| 25   | 20,127946 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=258, hop limit=0               |
| 26   | 21,135969 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=259, hop limit=0               |
| 27   | 22,143997 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=260, hop limit=0               |
| 28   | 23,151891 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=261, hop limit=0 (reply in 29) |
| 29   | 23,761559 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=261, hop limit=0 (request in 28) |
| 30   | 24,153071 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=262, hop limit=0               |
| 31   | 25,159963 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=263, hop limit=0               |
| 32   | 26,167905 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=264, hop limit=0               |
| 33   | 27,175973 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=265, hop limit=0               |
| 34   | 28,183968 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=266, hop limit=0               |
| 35   | 29,191938 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=267, hop limit=0 (reply in 37) |
| 36   | 30,199941 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=268, hop limit=0               |
| 37   | 30,527041 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=267, hop limit=0 (request in 35) |
| 38   | 31,200865 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=269, hop limit=0               |
| 39   | 32,207905 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=270, hop limit=0               |
| 40   | 33,215888 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=271, hop limit=0 (reply in 41) |
| 41   | 34,020738 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=271, hop limit=0 (request in 40) |
| 42   | 34,217101 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=272, hop limit=0               |
| 43   | 35,223926 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=273, hop limit=0               |
| 44   | 36,232058 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=274, hop limit=0 (reply in 46) |
| 45   | 37,239983 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=275, hop limit=0               |
| 46   | 37,51438  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=274, hop limit=0 (request in 44) |
| 47   | 38,241362 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=276, hop limit=0               |
| 48   | 39,247968 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=277, hop limit=0               |
| 49   | 40,256063 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=278, hop limit=0 (reply in 50) |
| 50   | 40,977047 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=278, hop limit=0 (request in 49) |
| 51   | 41,256491 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=279, hop limit=0 (reply in 53) |
| 52   | 42,264019 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=280, hop limit=0               |
| 53   | 42,439461 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=279, hop limit=0 (request in 51) |
| 54   | 43,265533 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=281, hop limit=0               |
| 55   | 44,271932 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=282, hop limit=0               |
| 56   | 45,279937 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=283, hop limit=0 (reply in 57) |
| 57   | 45,892118 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=283, hop limit=0 (request in 56) |
| 58   | 46,28061  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=284, hop limit=0 (reply in 60) |
| 59   | 47,288005 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=285, hop limit=0               |



| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 40 m 1133 Bytes |           |           |             |          |        |  |
|--|-----------|-----------|-------------|----------|--------|--|
| No.  | Time      | Source    | Destination | Protocol | Length | Info   |
| 60   | 47,357533 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=284, hop limit=0 (request in 58)  |
| 61   | 48,289772 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=286, hop limit=0                |
| 62   | 49,289848 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=287, hop limit=0                |
| 63   | 50,289857 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=288, hop limit=0                |
| 64   | 51,289868 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=289, hop limit=0                |
| 65   | 52,289883 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=290, hop limit=0                |
| 66   | 53,289856 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=291, hop limit=0                |
| 67   | 54,289849 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=292, hop limit=0 (reply in 69)  |
| 68   | 55,28983  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=293, hop limit=0                |
| 69   | 55,869167 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=292, hop limit=0 (request in 67)  |
| 70   | 56,290828 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=294, hop limit=0                |
| 71   | 57,299903 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=295, hop limit=0                |
| 72   | 58,307926 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=296, hop limit=0 (reply in 74)  |
| 73   | 59,315947 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=297, hop limit=0 (reply in 76)  |
| 74   | 59,33875  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=296, hop limit=0 (request in 72)  |
| 75   | 60,317898 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=298, hop limit=0                |
| 76   | 60,840162 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=297, hop limit=0 (request in 73)  |
| 77   | 61,318934 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=299, hop limit=0                |
| 78   | 62,327961 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=300, hop limit=0                |
| 79   | 63,335936 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=301, hop limit=0                |
| 80   | 64,343925 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=302, hop limit=0                |
| 81   | 65,352062 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=303, hop limit=0 (reply in 82)  |
| 82   | 66,323911 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=303, hop limit=0 (request in 81)  |
| 83   | 66,352085 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=304, hop limit=0                |
| 84   | 67,359959 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=305, hop limit=0                |
| 85   | 68,368193 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=306, hop limit=0 (reply in 87)  |
| 86   | 69,375945 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=307, hop limit=0                |
| 87   | 69,830484 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=306, hop limit=0 (request in 85)  |
| 88   | 70,377214 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=308, hop limit=0                |
| 89   | 71,384017 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=309, hop limit=0                |
| 90   | 72,391933 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=310, hop limit=0                |
| 91   | 73,39995  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=311, hop limit=0                |
| 92   | 74,407851 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=312, hop limit=0                |
| 93   | 75,416022 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=313, hop limit=0                |
| 94   | 76,423993 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=314, hop limit=0 (reply in 95)  |
| 95   | 77,34359  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=314, hop limit=0 (request in 94)  |
| 96   | 77,423799 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=315, hop limit=0                |
| 97   | 78,432034 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=316, hop limit=0                |
| 98   | 79,439893 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=317, hop limit=0 (reply in 100) |
| 99   | 80,447918 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=318, hop limit=0                |
| 100  | 80,811248 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=317, hop limit=0 (request in 98)  |
| 101  | 81,449143 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=319, hop limit=0 (reply in 102) |
| 102  | 82,278699 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=319, hop limit=0 (request in 101) |
| 103  | 82,449128 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=320, hop limit=0                |
| 104  | 83,455996 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=321, hop limit=0                |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 40 m 1133 Bytes |            |           |             |          |        |  |
|--|------------|-----------|-------------|----------|--------|--|
| No.  | Time       | Source    | Destination | Protocol | Length | Info   |
| 105  | 84,463979  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=322, hop limit=0 (reply in 107) |
| 106  | 85,47195   | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=323, hop limit=0                |
| 107  | 85,756215  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=322, hop limit=0 (request in 105) |
| 108  | 86,472399  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=324, hop limit=0                |
| 109  | 87,479952  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=325, hop limit=0                |
| 110  | 88,487907  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=326, hop limit=0 (reply in 111) |
| 111  | 89,218857  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=326, hop limit=0 (request in 110) |
| 112  | 89,487242  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=327, hop limit=0                |
| 113  | 90,495953  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=328, hop limit=0                |
| 114  | 91,503988  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=329, hop limit=0 (reply in 116) |
| 115  | 92,512004  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=330, hop limit=0                |
| 116  | 92,717443  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=329, hop limit=0 (request in 114) |
| 117  | 93,513486  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=331, hop limit=0 (reply in 118) |
| 118  | 94,123922  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=331, hop limit=0 (request in 117) |
| 119  | 94,514476  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=332, hop limit=0                |
| 120  | 95,513833  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=333, hop limit=0                |
| 121  | 96,513856  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=334, hop limit=0                |
| 122  | 97,51383   | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=335, hop limit=0                |
| 123  | 98,513829  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=336, hop limit=0                |
| 124  | 99,513863  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=337, hop limit=0                |
| 125  | 100,513823 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=338, hop limit=0                |
| 126  | 101,513887 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=339, hop limit=0                |
| 127  | 102,513838 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=340, hop limit=0 (reply in 129) |
| 128  | 103,51393  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=341, hop limit=0                |
| 129  | 103,688099 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=340, hop limit=0 (request in 127) |
| 130  | 104,515166 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=342, hop limit=0                |
| 131  | 105,52396  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=343, hop limit=0                |
| 132  | 106,531918 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=344, hop limit=0 (reply in 134) |
| 133  | 107,539934 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=345, hop limit=0                |
| 134  | 108,145396 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=344, hop limit=0 (request in 132) |
| 135  | 108,53999  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=346, hop limit=0 (reply in 137) |
| 136  | 109,547894 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=347, hop limit=0                |
| 137  | 109,58686  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=346, hop limit=0 (request in 135) |
| 138  | 110,548939 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=348, hop limit=0                |
| 139  | 111,555906 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=349, hop limit=0                |
| 140  | 112,563917 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=350, hop limit=0                |
| 141  | 113,571899 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=351, hop limit=0                |
| 142  | 114,580026 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=352, hop limit=0                |
| 143  | 115,587949 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=353, hop limit=0 (reply in 145) |
| 144  | 116,595937 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=354, hop limit=0                |
| 145  | 117,124892 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=353, hop limit=0 (request in 143) |
| 146  | 117,596552 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=355, hop limit=0 (reply in 147) |
| 147  | 118,554363 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=355, hop limit=0 (request in 146) |
| 148  | 118,596681 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=356, hop limit=0                |
| 149  | 119,604016 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=357, hop limit=0                |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 40 m 1133 Bytes |            |           |             |          |        |  |
|--|------------|-----------|-------------|----------|--------|--|
| No.  | Time       | Source    | Destination | Protocol | Length | Info   |
| 150  | 120,611954 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=358, hop limit=0                |
| 151  | 121,619989 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=359, hop limit=0                |
| 152  | 122,627993 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=360, hop limit=0                |
| 153  | 123,636014 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=361, hop limit=0                |
| 154  | 124,644054 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=362, hop limit=0                |
| 155  | 125,651956 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=363, hop limit=0                |
| 156  | 126,659994 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=364, hop limit=0                |
| 157  | 127,667987 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=365, hop limit=0                |
| 158  | 128,675945 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=366, hop limit=0                |
| 159  | 129,684015 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=367, hop limit=0                |
| 160  | 130,691899 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=368, hop limit=0 (reply in 162) |
| 161  | 131,699974 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=369, hop limit=0                |
| 162  | 132,146125 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=368, hop limit=0 (request in 160) |
| 163  | 132,699847 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=370, hop limit=0 (reply in 164) |
| 164  | 133,584666 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=370, hop limit=0 (request in 163) |
| 165  | 133,700014 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=371, hop limit=0                |
| 166  | 134,707799 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=372, hop limit=0                |
| 167  | 135,715965 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=373, hop limit=0                |
| 168  | 136,724033 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=374, hop limit=0                |
| 169  | 137,732038 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=375, hop limit=0 (reply in 171) |
| 170  | 138,739957 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=376, hop limit=0                |
| 171  | 139,072418 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=375, hop limit=0 (request in 169) |
| 172  | 139,741244 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=377, hop limit=0                |
| 173  | 140,747883 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=378, hop limit=0                |
| 174  | 141,755977 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=379, hop limit=0                |
| 175  | 142,763947 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=380, hop limit=0                |
| 176  | 143,772002 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=381, hop limit=0                |
| 177  | 144,779983 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=382, hop limit=0                |
| 178  | 145,787966 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=383, hop limit=0 (reply in 179) |
| 179  | 146,56466  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=383, hop limit=0 (request in 178) |
| 180  | 146,788152 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=384, hop limit=0 (reply in 182) |
| 181  | 147,796008 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=385, hop limit=0                |
| 182  | 148,036955 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=384, hop limit=0 (request in 180) |
| 183  | 148,796862 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=386, hop limit=0 (reply in 184) |
| 184  | 149,445479 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=386, hop limit=0 (request in 183) |
| 185  | 149,797062 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=387, hop limit=0 (reply in 187) |
| 186  | 150,804059 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=388, hop limit=0                |
| 187  | 150,896871 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=387, hop limit=0 (request in 185) |
| 188  | 151,805822 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=389, hop limit=0                |
| 189  | 152,805839 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=390, hop limit=0                |
| 190  | 153,805892 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=391, hop limit=0                |
| 191  | 154,805915 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=392, hop limit=0                |
| 192  | 155,805871 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=393, hop limit=0                |
| 193  | 156,805824 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=394, hop limit=0                |
| 194  | 157,805887 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=395, hop limit=0                |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 40 m 1133 Bytes |            |           |             |          |        |  |
|--|------------|-----------|-------------|----------|--------|--|
| No.  | Time       | Source    | Destination | Protocol | Length | Info   |
| 195  | 158,805938 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=396, hop limit=0                |
| 196  | 159,805861 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=397, hop limit=0 (reply in 197) |
| 197  | 160,414396 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=397, hop limit=0 (request in 196) |
| 198  | 160,805982 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=398, hop limit=0                |
| 199  | 161,805935 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=399, hop limit=0                |
| 200  | 162,805851 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=400, hop limit=0                |
| 201  | 163,805915 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=401, hop limit=0                |
| 202  | 164,805827 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=402, hop limit=0                |
| 203  | 165,805838 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=403, hop limit=0                |
| 204  | 166,805922 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=404, hop limit=0                |
| 205  | 167,80589  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=405, hop limit=0                |
| 206  | 168,805858 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=406, hop limit=0 (reply in 208) |
| 207  | 169,805916 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=407, hop limit=0                |
| 208  | 169,95181  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=406, hop limit=0 (request in 206) |
| 209  | 170,806835 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=408, hop limit=0                |
| 210  | 171,81592  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=409, hop limit=0                |
| 211  | 172,823985 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=410, hop limit=0 (reply in 213) |
| 212  | 173,832014 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=411, hop limit=0                |
| 213  | 174,421099 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=410, hop limit=0 (request in 211) |
| 214  | 174,831703 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=412, hop limit=0                |
| 215  | 175,839991 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=413, hop limit=0                |
| 216  | 176,848024 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=414, hop limit=0                |
| 217  | 177,85598  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=415, hop limit=0                |
| 218  | 178,863922 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=416, hop limit=0 (reply in 220) |
| 219  | 179,87206  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=417, hop limit=0 (reply in 222) |
| 220  | 179,891036 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=416, hop limit=0 (request in 218) |
| 221  | 180,873313 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=418, hop limit=0                |
| 222  | 181,389392 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=417, hop limit=0 (request in 219) |
| 223  | 181,873116 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=419, hop limit=0 (reply in 224) |
| 224  | 182,829881 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=419, hop limit=0 (request in 223) |
| 225  | 182,87314  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=420, hop limit=0 (reply in 227) |
| 226  | 183,880062 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=421, hop limit=0                |
| 227  | 184,285267 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=420, hop limit=0 (request in 225) |
| 228  | 184,880077 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=422, hop limit=0 (reply in 229) |
| 229  | 185,7147   | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=422, hop limit=0 (request in 228) |
| 230  | 185,880079 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=423, hop limit=0 (reply in 232) |
| 231  | 186,88806  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=424, hop limit=0                |
| 232  | 187,197072 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=423, hop limit=0 (request in 230) |
| 233  | 187,895905 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=425, hop limit=0                |
| 234  | 188,903947 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=426, hop limit=0                |
| 235  | 189,912008 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=427, hop limit=0 (reply in 236) |
| 236  | 190,660829 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=427, hop limit=0 (request in 235) |
| 237  | 190,912348 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=428, hop limit=0                |
| 238  | 191,920009 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=429, hop limit=0                |
| 239  | 192,927995 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=430, hop limit=0 (reply in 241) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 40 m 1133 Bytes |            |           |             |          |        |  |
|--|------------|-----------|-------------|----------|--------|--|
| No.  | Time       | Source    | Destination | Protocol | Length | Info   |
| 240  | 193,935999 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=431, hop limit=0                |
| 241  | 194,133393 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=430, hop limit=0 (request in 239) |
| 242  | 194,937339 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=432, hop limit=0                |
| 243  | 195,943993 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=433, hop limit=0                |
| 244  | 196,952019 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=434, hop limit=0 (reply in 245) |
| 245  | 197,560186 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=434, hop limit=0 (request in 244) |
| 246  | 197,951811 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=435, hop limit=0                |
| 247  | 198,960035 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=436, hop limit=0                |
| 248  | 199,96802  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=437, hop limit=0 (reply in 250) |
| 249  | 200,975985 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=438, hop limit=0                |
| 250  | 201,029864 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=437, hop limit=0 (request in 248) |
| 251  | 201,977043 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=439, hop limit=0                |
| 252  | 202,984041 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=440, hop limit=0                |
| 253  | 203,992007 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=441, hop limit=0                |
| 254  | 205,000026 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=442, hop limit=0                |
| 255  | 206,008013 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=443, hop limit=0                |
| 256  | 207,016028 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=444, hop limit=0                |
| 257  | 208,024025 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=445, hop limit=0                |
| 258  | 209,032021 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=446, hop limit=0                |
| 259  | 210,039995 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=447, hop limit=0                |
| 260  | 211,048018 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=448, hop limit=0                |
| 261  | 212,055947 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=449, hop limit=0 (reply in 263) |
| 262  | 213,064038 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=450, hop limit=0                |
| 263  | 213,594128 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=449, hop limit=0 (request in 261) |
| 264  | 214,063793 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=451, hop limit=0 (reply in 265) |
| 265  | 215,05354  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=451, hop limit=0 (request in 264) |
| 266  | 215,062789 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=452, hop limit=0                |
| 267  | 216,061864 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=453, hop limit=0                |
| 268  | 217,061884 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=454, hop limit=0 (reply in 270) |
| 269  | 218,061837 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=455, hop limit=0                |
| 270  | 218,574117 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=454, hop limit=0 (request in 268) |
| 271  | 219,061832 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=456, hop limit=0                |
| 272  | 220,061808 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=457, hop limit=0                |
| 273  | 221,061836 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=458, hop limit=0 (reply in 274) |
| 274  | 222,049816 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=458, hop limit=0 (request in 273) |
| 275  | 222,060977 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=459, hop limit=0                |
| 276  | 223,068059 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=460, hop limit=0                |
| 277  | 224,076079 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=461, hop limit=0                |
| 278  | 225,084019 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=462, hop limit=0                |
| 279  | 226,09195  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=463, hop limit=0 (reply in 281) |
| 280  | 227,10001  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=464, hop limit=0                |
| 281  | 227,573587 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=463, hop limit=0 (request in 279) |
| 282  | 228,100281 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=465, hop limit=0 (reply in 283) |
| 283  | 229,014048 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=465, hop limit=0 (request in 282) |
| 284  | 229,100388 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=466, hop limit=0                |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 40 m 1133 Bytes |            |           |             |          |        |  |
|--|------------|-----------|-------------|----------|--------|--|
| No.  | Time       | Source    | Destination | Protocol | Length | Info   |
| 285  | 230,107999 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=467, hop limit=0                |
| 286  | 231,115961 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=468, hop limit=0 (reply in 288) |
| 287  | 232,123957 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=469, hop limit=0                |
| 288  | 232,47872  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=468, hop limit=0 (request in 286) |
| 289  | 233,124502 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=470, hop limit=0                |
| 290  | 234,131918 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=471, hop limit=0                |
| 291  | 235,139937 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=472, hop limit=0 (reply in 292) |
| 292  | 235,933398 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=472, hop limit=0 (request in 291) |
| 293  | 236,140745 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=473, hop limit=0                |
| 294  | 237,148018 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=474, hop limit=0                |
| 295  | 238,155979 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=475, hop limit=0 (reply in 297) |
| 296  | 239,163891 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=476, hop limit=0                |
| 297  | 239,429792 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=475, hop limit=0 (request in 295) |
| 298  | 240,164754 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=477, hop limit=0                |
| 299  | 241,17192  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=478, hop limit=0                |
| 300  | 242,179994 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=479, hop limit=0 (reply in 301) |
| 301  | 242,886719 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=479, hop limit=0 (request in 300) |
| 302  | 243,181121 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=480, hop limit=0                |
| 303  | 244,18798  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=481, hop limit=0                |
| 304  | 245,195976 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=482, hop limit=0                |
| 305  | 246,203949 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=483, hop limit=0                |
| 306  | 247,212075 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=484, hop limit=0 (reply in 308) |
| 307  | 248,220006 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=485, hop limit=0                |
| 308  | 248,384589 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=484, hop limit=0 (request in 306) |
| 309  | 249,221706 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=486, hop limit=0 (reply in 311) |
| 310  | 250,221932 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=487, hop limit=0                |
| 311  | 250,831667 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=486, hop limit=0 (request in 309) |
| 312  | 251,223334 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=488, hop limit=0 (reply in 314) |
| 313  | 252,232023 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=489, hop limit=0                |
| 314  | 252,281131 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=488, hop limit=0 (request in 312) |
| 315  | 253,233363 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=490, hop limit=0                |
| 316  | 254,239958 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=491, hop limit=0                |
| 317  | 255,248015 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=492, hop limit=0                |
| 318  | 256,256012 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=493, hop limit=0                |
| 319  | 257,263956 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=494, hop limit=0                |
| 320  | 258,271947 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=495, hop limit=0                |
| 321  | 259,279916 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=496, hop limit=0 (reply in 323) |
| 322  | 260,28799  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=497, hop limit=0                |
| 323  | 260,816782 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=496, hop limit=0 (request in 321) |
| 324  | 261,289462 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=498, hop limit=0 (reply in 325) |
| 325  | 262,247384 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=498, hop limit=0 (request in 324) |
| 326  | 262,288697 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=499, hop limit=0                |
| 327  | 263,295977 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=500, hop limit=0                |
| 328  | 264,304015 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=501, hop limit=0                |
| 329  | 265,31204  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=502, hop limit=0                |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 40 m 1133 Bytes |            |           |             |          |        |  |
|--|------------|-----------|-------------|----------|--------|--|
| No.  | Time       | Source    | Destination | Protocol | Length | Info   |
| 330  | 266,319928 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=503, hop limit=0 (reply in 332) |
| 331  | 267,328005 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=504, hop limit=0                |
| 332  | 267,748165 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=503, hop limit=0 (request in 330) |
| 333  | 268,328966 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=505, hop limit=0 (reply in 334) |
| 334  | 269,186676 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=505, hop limit=0 (request in 333) |
| 335  | 269,329101 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=506, hop limit=0                |
| 336  | 270,335998 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=507, hop limit=0                |
| 337  | 271,343949 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=508, hop limit=0 (reply in 339) |
| 338  | 272,351908 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=509, hop limit=0                |
| 339  | 272,651273 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=508, hop limit=0 (request in 337) |
| 340  | 273,353075 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=510, hop limit=0                |
| 341  | 274,359965 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=511, hop limit=0                |
| 342  | 275,367944 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=512, hop limit=0 (reply in 343) |
| 343  | 276,116909 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=512, hop limit=0 (request in 342) |
| 344  | 276,368357 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=513, hop limit=0                |
| 345  | 277,375955 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=514, hop limit=0                |
| 346  | 278,384026 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=515, hop limit=0                |
| 347  | 279,391989 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=516, hop limit=0                |
| 348  | 280,400057 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=517, hop limit=0 (reply in 350) |
| 349  | 281,407938 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=518, hop limit=0                |
| 350  | 281,631683 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=517, hop limit=0 (request in 348) |
| 351  | 282,409615 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=519, hop limit=0                |
| 352  | 283,416021 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=520, hop limit=0 (reply in 353) |
| 353  | 284,342746 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=520, hop limit=0 (request in 352) |
| 354  | 284,415964 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=521, hop limit=0                |
| 355  | 285,423945 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=522, hop limit=0                |
| 356  | 286,432003 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=523, hop limit=0                |
| 357  | 287,440015 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=524, hop limit=0                |
| 358  | 288,447997 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=525, hop limit=0                |
| 359  | 289,455901 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=526, hop limit=0                |
| 360  | 290,464034 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=527, hop limit=0                |
| 361  | 291,472023 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=528, hop limit=0                |
| 362  | 292,479958 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=529, hop limit=0 (reply in 364) |
| 363  | 293,487993 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=530, hop limit=0                |
| 364  | 293,886972 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=529, hop limit=0 (request in 362) |
| 365  | 294,488747 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=531, hop limit=0                |
| 366  | 295,495986 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=532, hop limit=0                |
| 367  | 296,504028 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=533, hop limit=0 (reply in 368) |
| 368  | 297,339648 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=533, hop limit=0 (request in 367) |
| 369  | 297,503985 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=534, hop limit=0                |
| 370  | 298,512053 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=535, hop limit=0                |
| 371  | 299,519905 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=536, hop limit=0                |
| 372  | 300,527937 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=537, hop limit=0                |
| 373  | 301,536045 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=538, hop limit=0                |
| 374  | 302,544015 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=539, hop limit=0                |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 40 m 1133 Bytes |            |           |             |          |        |  |
|--|------------|-----------|-------------|----------|--------|--|
| No.  | Time       | Source    | Destination | Protocol | Length | Info   |
| 375  | 303,552029 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=540, hop limit=0 (reply in 377) |
| 376  | 304,559968 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=541, hop limit=0                |
| 377  | 304,858658 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=540, hop limit=0 (request in 375) |
| 378  | 305,561518 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=542, hop limit=0 (reply in 379) |
| 379  | 306,328188 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=542, hop limit=0 (request in 378) |
| 380  | 306,561688 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=543, hop limit=0 (reply in 382) |
| 381  | 307,561915 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=544, hop limit=0                |
| 382  | 307,78847  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=543, hop limit=0 (request in 380) |
| 383  | 308,563481 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=545, hop limit=0 (reply in 384) |
| 384  | 309,216039 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=545, hop limit=0 (request in 383) |
| 385  | 309,563614 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=546, hop limit=0                |
| 386  | 310,572028 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=547, hop limit=0                |
| 387  | 311,580076 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=548, hop limit=0 (reply in 389) |
| 388  | 312,58795  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=549, hop limit=0                |
| 389  | 312,688561 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x6539, seq=548, hop limit=0 (request in 387) |
| 390  | 313,589648 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x6539, seq=550, hop limit=0                |

**Tabla 35. Test para el nodo 7 con 6Lowpan a 65 m y con enrutamiento estático.**

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 65 m |           |           |             |          |        |  |
|---|-----------|-----------|-------------|----------|--------|--|
| No.   | Time      | Source    | Destination | Protocol | Length | Info   |
| 1   | 0         | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=18, hop limit=0                 |
| 2   | 0,356548  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=19, hop limit=0 (reply in 3)  |
| 3   | 1,006029  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=19, hop limit=0 (request in 2)  |
| 4   | 1,356602  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=20, hop limit=0 (reply in 5)  |
| 5   | 2,000068  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=20, hop limit=0 (request in 4)  |
| 6   | 2,356643  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=21, hop limit=0 (reply in 7)  |
| 7   | 2,99608   | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=21, hop limit=0 (request in 6)  |
| 8   | 3,356658  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=22, hop limit=0 (reply in 9)  |
| 9   | 4,011092  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=22, hop limit=0 (request in 8)  |
| 10  | 4,356663  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=23, hop limit=0 (reply in 11) |
| 11  | 5,001107  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=23, hop limit=0 (request in 10) |
| 12  | 5,356683  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=24, hop limit=0 (reply in 13) |
| 13  | 6,036119  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=24, hop limit=0 (request in 12) |
| 14  | 6,356664  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=25, hop limit=0 (reply in 15) |
| 15  | 7,011128  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=25, hop limit=0 (request in 14) |
| 16  | 7,356693  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=26, hop limit=0 (reply in 17) |
| 17  | 8,032141  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=26, hop limit=0 (request in 16) |
| 18  | 8,35669   | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=27, hop limit=0 (reply in 19) |
| 19  | 9,032151  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=27, hop limit=0 (request in 18) |
| 20  | 9,356699  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=28, hop limit=0 (reply in 21) |
| 21  | 10,010138 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=28, hop limit=0 (request in 20) |



| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 65 m |           |           |             |          |        |  |
|---|-----------|-----------|-------------|----------|--------|--|
| No.   | Time      | Source    | Destination | Protocol | Length | Info   |
| 22  | 10,356706 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=29, hop limit=0 (reply in 23) |
| 23  | 11,02318  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=29, hop limit=0 (request in 22) |
| 24  | 11,35674  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=30, hop limit=0 (reply in 25) |
| 25  | 12,017189 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=30, hop limit=0 (request in 24) |
| 26  | 12,356711 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=31, hop limit=0 (reply in 27) |
| 27  | 13,034202 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=31, hop limit=0 (request in 26) |
| 28  | 13,356762 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=32, hop limit=0 (reply in 29) |
| 29  | 14,008213 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=32, hop limit=0 (request in 28) |
| 30  | 14,356768 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=33, hop limit=0 (reply in 31) |
| 31  | 15,021224 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=33, hop limit=0 (request in 30) |
| 32  | 15,356797 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=34, hop limit=0 (reply in 33) |
| 33  | 16,05224  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=34, hop limit=0 (request in 32) |
| 34  | 16,356783 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=35, hop limit=0 (reply in 35) |
| 35  | 17,008249 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=35, hop limit=0 (request in 34) |
| 36  | 17,356794 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=36, hop limit=0 (reply in 37) |
| 37  | 18,048263 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=36, hop limit=0 (request in 36) |
| 38  | 18,356808 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=37, hop limit=0 (reply in 39) |
| 39  | 19,028276 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=37, hop limit=0 (request in 38) |
| 40  | 19,356826 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=38, hop limit=0 (reply in 41) |
| 41  | 20,020287 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=38, hop limit=0 (request in 40) |
| 42  | 20,356861 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=39, hop limit=0 (reply in 43) |
| 43  | 21,016298 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=39, hop limit=0 (request in 42) |
| 44  | 21,356874 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=40, hop limit=0 (reply in 45) |
| 45  | 22,011312 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=40, hop limit=0 (request in 44) |
| 46  | 22,356896 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=41, hop limit=0 (reply in 47) |
| 47  | 23,003324 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=41, hop limit=0 (request in 46) |
| 48  | 23,35691  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=42, hop limit=0 (reply in 49) |
| 49  | 24,022334 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=42, hop limit=0 (request in 48) |
| 50  | 24,356875 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=43, hop limit=0 (reply in 51) |
| 51  | 25,006318 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=43, hop limit=0 (request in 50) |
| 52  | 25,356898 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=44, hop limit=0 (reply in 53) |
| 53  | 26,02336  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=44, hop limit=0 (request in 52) |
| 54  | 26,356916 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=45, hop limit=0 (reply in 55) |
| 55  | 27,046343 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=45, hop limit=0 (request in 54) |
| 56  | 27,356879 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=46, hop limit=0 (reply in 57) |
| 57  | 28,019382 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=46, hop limit=0 (request in 56) |
| 58  | 28,356947 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=47, hop limit=0 (reply in 59) |
| 59  | 29,030396 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=47, hop limit=0 (request in 58) |
| 60  | 29,356949 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=48, hop limit=0 (reply in 61) |
| 61  | 30,012407 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=48, hop limit=0 (request in 60) |
| 62  | 30,356979 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=49, hop limit=0 (reply in 63) |
| 63  | 31,013417 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=49, hop limit=0 (request in 62) |
| 64  | 31,35699  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=50, hop limit=0 (reply in 65) |
| 65  | 31,990404 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=50, hop limit=0 (request in 64) |
| 66  | 32,357007 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=51, hop limit=0 (reply in 67) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 65 m |           |           |             |          |        |   |
|---|-----------|-----------|-------------|----------|--------|---|
| No.   | Time      | Source    | Destination | Protocol | Length | Info  |
| 67  | 33,028446 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=51, hop limit=0 (request in 66)  |
| 68  | 33,357013 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=52, hop limit=0 (reply in 69)  |
| 69  | 34,025454 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=52, hop limit=0 (request in 68)  |
| 70  | 34,357023 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=53, hop limit=0 (reply in 71)  |
| 71  | 35,01147  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=53, hop limit=0 (request in 70)  |
| 72  | 35,35702  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=54, hop limit=0                |
| 73  | 36,364036 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=55, hop limit=0 (reply in 74)  |
| 74  | 37,033495 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=55, hop limit=0 (request in 73)  |
| 75  | 37,364057 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=56, hop limit=0 (reply in 76)  |
| 76  | 38,021505 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=56, hop limit=0 (request in 75)  |
| 77  | 38,364056 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=57, hop limit=0 (reply in 78)  |
| 78  | 39,024515 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=57, hop limit=0 (request in 77)  |
| 79  | 39,364089 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=58, hop limit=0 (reply in 80)  |
| 80  | 40,03053  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=58, hop limit=0 (request in 79)  |
| 81  | 40,3641   | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=59, hop limit=0 (reply in 82)  |
| 82  | 41,020539 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=59, hop limit=0 (request in 81)  |
| 83  | 41,364117 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=60, hop limit=0 (reply in 84)  |
| 84  | 42,02855  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=60, hop limit=0 (request in 83)  |
| 85  | 42,364091 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=61, hop limit=0 (reply in 86)  |
| 86  | 43,022539 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=61, hop limit=0 (request in 85)  |
| 87  | 43,364117 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=62, hop limit=0 (reply in 88)  |
| 88  | 44,018545 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=62, hop limit=0 (request in 87)  |
| 89  | 44,364066 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=63, hop limit=0 (reply in 90)  |
| 90  | 45,045994 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=63, hop limit=0 (request in 89)  |
| 91  | 45,363555 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=64, hop limit=0 (reply in 92)  |
| 92  | 46,0236   | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=64, hop limit=0 (request in 91)  |
| 93  | 46,363174 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=65, hop limit=0 (reply in 94)  |
| 94  | 47,041613 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=65, hop limit=0 (request in 93)  |
| 95  | 47,363139 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=66, hop limit=0 (reply in 96)  |
| 96  | 48,040624 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=66, hop limit=0 (request in 95)  |
| 97  | 48,363145 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=67, hop limit=0 (reply in 98)  |
| 98  | 49,017637 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=67, hop limit=0 (request in 97)  |
| 99  | 49,363214 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=68, hop limit=0 (reply in 100) |
| 100   | 50,02265  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=68, hop limit=0 (request in 99)  |
| 101   | 50,363218 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=69, hop limit=0 (reply in 102) |
| 102   | 51,02066  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=69, hop limit=0 (request in 101) |
| 103   | 51,363207 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=70, hop limit=0 (reply in 104) |
| 104   | 52,042672 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=70, hop limit=0 (request in 103) |
| 105   | 52,36322  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=71, hop limit=0 (reply in 106) |
| 106   | 53,022684 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=71, hop limit=0 (request in 105) |
| 107   | 53,363225 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=72, hop limit=0 (reply in 108) |
| 108   | 54,030698 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=72, hop limit=0 (request in 107) |
| 109   | 54,363227 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=73, hop limit=0 (reply in 110) |
| 110   | 55,018682 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=73, hop limit=0 (request in 109) |
| 111   | 55,363258 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=74, hop limit=0 (reply in 112) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 65 m |           |           |             |          |        |   |
|---|-----------|-----------|-------------|----------|--------|---|
| No.   | Time      | Source    | Destination | Protocol | Length | Info  |
| 112   | 56,010722 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=74, hop limit=0 (request in 111) |
| 113   | 56,363302 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=75, hop limit=0 (reply in 114) |
| 114   | 57,027736 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=75, hop limit=0 (request in 113) |
| 115   | 57,363271 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=76, hop limit=0 (reply in 116) |
| 116   | 58,04672  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=76, hop limit=0 (request in 115) |
| 117   | 58,363262 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=77, hop limit=0 (reply in 118) |
| 118   | 59,031733 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=77, hop limit=0 (request in 117) |
| 119   | 59,363256 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=78, hop limit=0 (reply in 120) |
| 120   | 60,029771 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=78, hop limit=0 (request in 119) |
| 121   | 60,363332 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=79, hop limit=0 (reply in 122) |
| 122   | 61,019784 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=79, hop limit=0 (request in 121) |
| 123   | 61,363351 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=80, hop limit=0 (reply in 124) |
| 124   | 62,041794 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=80, hop limit=0 (request in 123) |
| 125   | 62,363327 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=81, hop limit=0 (reply in 126) |
| 126   | 63,011807 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=81, hop limit=0 (request in 125) |
| 127   | 63,363363 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=82, hop limit=0 (reply in 128) |
| 128   | 64,022792 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=82, hop limit=0 (request in 127) |
| 129   | 64,363371 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=83, hop limit=0 (reply in 130) |
| 130   | 65,019828 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=83, hop limit=0 (request in 129) |
| 131   | 65,363402 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=84, hop limit=0 (reply in 132) |
| 132   | 66,033843 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=84, hop limit=0 (request in 131) |
| 133   | 66,36344  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=85, hop limit=0 (reply in 134) |
| 134   | 67,038856 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=85, hop limit=0 (request in 133) |
| 135   | 67,363416 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=86, hop limit=0 (reply in 136) |
| 136   | 68,012866 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=86, hop limit=0 (request in 135) |
| 137   | 68,363447 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=87, hop limit=0 (reply in 138) |
| 138   | 69,037891 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=87, hop limit=0 (request in 137) |
| 139   | 69,363417 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=88, hop limit=0 (reply in 140) |
| 140   | 70,039886 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=88, hop limit=0 (request in 139) |
| 141   | 70,363435 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=89, hop limit=0 (reply in 142) |
| 142   | 71,037918 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=89, hop limit=0 (request in 141) |
| 143   | 71,363439 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=90, hop limit=0 (reply in 144) |
| 144   | 72,034916 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=90, hop limit=0 (request in 143) |
| 145   | 72,363476 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=91, hop limit=0 (reply in 146) |
| 146   | 73,025933 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=91, hop limit=0 (request in 145) |
| 147   | 73,363496 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=92, hop limit=0 (reply in 148) |
| 148   | 74,041953 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=92, hop limit=0 (request in 147) |
| 149   | 74,363497 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=93, hop limit=0 (reply in 150) |
| 150   | 75,024951 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=93, hop limit=0 (request in 149) |
| 151   | 75,363516 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=94, hop limit=0 (reply in 152) |
| 152   | 76,015965 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=94, hop limit=0 (request in 151) |
| 153   | 76,363551 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=95, hop limit=0 (reply in 154) |
| 154   | 77,029051 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=95, hop limit=0 (request in 153) |
| 155   | 77,36372  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=96, hop limit=0 (reply in 156) |
| 156   | 77,99499  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=96, hop limit=0 (request in 155) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 65 m |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 157   | 78,363563  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=97, hop limit=0 (reply in 158)  |
| 158   | 79,048001  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=97, hop limit=0 (request in 157)  |
| 159   | 79,363545  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=98, hop limit=0 (reply in 160)  |
| 160   | 80,025985  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=98, hop limit=0 (request in 159)  |
| 161   | 80,363528  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=99, hop limit=0 (reply in 162)  |
| 162   | 81,030021  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=99, hop limit=0 (request in 161)  |
| 163   | 81,363554  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=100, hop limit=0 (reply in 164) |
| 164   | 82,015036  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=100, hop limit=0 (request in 163) |
| 165   | 82,363617  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=101, hop limit=0 (reply in 166) |
| 166   | 83,02005   | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=101, hop limit=0 (request in 165) |
| 167   | 83,363591  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=102, hop limit=0 (reply in 168) |
| 168   | 84,004058  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=102, hop limit=0 (request in 167) |
| 169   | 84,363624  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=103, hop limit=0 (reply in 170) |
| 170   | 85,036073  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=103, hop limit=0 (request in 169) |
| 171   | 85,363625  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=104, hop limit=0 (reply in 172) |
| 172   | 86,010088  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=104, hop limit=0 (request in 171) |
| 173   | 86,363675  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=105, hop limit=0 (reply in 174) |
| 174   | 87,030098  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=105, hop limit=0 (request in 173) |
| 175   | 87,363661  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=106, hop limit=0 (reply in 176) |
| 176   | 88,02211   | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=106, hop limit=0 (request in 175) |
| 177   | 88,363645  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=107, hop limit=0 (reply in 178) |
| 178   | 89,027122  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=107, hop limit=0 (request in 177) |
| 179   | 89,363665  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=108, hop limit=0 (reply in 180) |
| 180   | 90,033135  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=108, hop limit=0 (request in 179) |
| 181   | 90,363648  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=109, hop limit=0 (reply in 182) |
| 182   | 91,036143  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=109, hop limit=0 (request in 181) |
| 183   | 91,363709  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=110, hop limit=0 (reply in 184) |
| 184   | 92,030157  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=110, hop limit=0 (request in 183) |
| 185   | 92,363696  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=111, hop limit=0 (reply in 186) |
| 186   | 93,00117   | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=111, hop limit=0 (request in 185) |
| 187   | 93,363722  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=112, hop limit=0 (reply in 188) |
| 188   | 94,025184  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=112, hop limit=0 (request in 187) |
| 189   | 94,363744  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=113, hop limit=0 (reply in 190) |
| 190   | 95,024193  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=113, hop limit=0 (request in 189) |
| 191   | 95,363724  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=114, hop limit=0 (reply in 192) |
| 192   | 96,021205  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=114, hop limit=0 (request in 191) |
| 193   | 96,36374   | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=115, hop limit=0 (reply in 194) |
| 194   | 97,04222   | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=115, hop limit=0 (request in 193) |
| 195   | 97,363765  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=116, hop limit=0 (reply in 196) |
| 196   | 98,03923   | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=116, hop limit=0 (request in 195) |
| 197   | 98,363716  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=117, hop limit=0 (reply in 198) |
| 198   | 99,045244  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=117, hop limit=0 (request in 197) |
| 199   | 99,363749  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=118, hop limit=0 (reply in 200) |
| 200   | 100,042257 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=118, hop limit=0 (request in 199) |
| 201   | 100,363803 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=119, hop limit=0 (reply in 202) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 65 m |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 202   | 101,019267 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=119, hop limit=0 (request in 201) |
| 203   | 101,363804 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=120, hop limit=0 (reply in 204) |
| 204   | 102,011251 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=120, hop limit=0 (request in 203) |
| 205   | 102,363819 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=121, hop limit=0 (reply in 206) |
| 206   | 103,043289 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=121, hop limit=0 (request in 205) |
| 207   | 103,363847 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=122, hop limit=0 (reply in 208) |
| 208   | 104,036307 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=122, hop limit=0 (request in 207) |
| 209   | 104,363831 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=123, hop limit=0 (reply in 210) |
| 210   | 105,023318 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=123, hop limit=0 (request in 209) |
| 211   | 105,363862 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=124, hop limit=0 (reply in 212) |
| 212   | 106,026319 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=124, hop limit=0 (request in 211) |
| 213   | 106,363884 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=125, hop limit=0 (reply in 214) |
| 214   | 107,022338 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=125, hop limit=0 (request in 213) |
| 215   | 107,363897 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=126, hop limit=0 (reply in 216) |
| 216   | 108,006349 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=126, hop limit=0 (request in 215) |
| 217   | 108,363904 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=127, hop limit=0 (reply in 218) |
| 218   | 109,012365 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=127, hop limit=0 (request in 217) |
| 219   | 109,363952 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=128, hop limit=0 (reply in 220) |
| 220   | 110,042376 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=128, hop limit=0 (request in 219) |
| 221   | 110,36392  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=129, hop limit=0 (reply in 222) |
| 222   | 111,024387 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=129, hop limit=0 (request in 221) |
| 223   | 111,363958 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=130, hop limit=0 (reply in 224) |
| 224   | 112,0184   | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=130, hop limit=0 (request in 223) |
| 225   | 112,363977 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=131, hop limit=0 (reply in 226) |
| 226   | 113,032415 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=131, hop limit=0 (request in 225) |
| 227   | 113,363979 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=132, hop limit=0 (reply in 228) |
| 228   | 114,035425 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=132, hop limit=0 (request in 227) |
| 229   | 114,363951 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=133, hop limit=0 (reply in 230) |
| 230   | 115,021436 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=133, hop limit=0 (request in 229) |
| 231   | 115,364014 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=134, hop limit=0 (reply in 232) |
| 232   | 116,012452 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=134, hop limit=0 (request in 231) |
| 233   | 116,36403  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=135, hop limit=0 (reply in 234) |
| 234   | 117,03046  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=135, hop limit=0 (request in 233) |
| 235   | 117,363998 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=136, hop limit=0 (reply in 236) |
| 236   | 118,024471 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=136, hop limit=0 (request in 235) |
| 237   | 118,364032 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=137, hop limit=0 (reply in 238) |
| 238   | 119,017485 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=137, hop limit=0 (request in 237) |
| 239   | 119,363818 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=138, hop limit=0 (reply in 240) |
| 240   | 120,023498 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=138, hop limit=0 (request in 239) |
| 241   | 120,364079 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=139, hop limit=0 (reply in 242) |
| 242   | 121,01451  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=139, hop limit=0 (request in 241) |
| 243   | 121,364092 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=140, hop limit=0 (reply in 244) |
| 244   | 122,019494 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=140, hop limit=0 (request in 243) |
| 245   | 122,364065 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=141, hop limit=0 (reply in 246) |
| 246   | 123,02953  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=141, hop limit=0 (request in 245) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 65 m |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 247   | 123,364061 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=142, hop limit=0 (reply in 248) |
| 248   | 124,037547 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=142, hop limit=0 (request in 247) |
| 249   | 124,364107 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=143, hop limit=0 (reply in 250) |
| 250   | 125,042556 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=143, hop limit=0 (request in 249) |
| 251   | 125,364108 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=144, hop limit=0 (reply in 252) |
| 252   | 126,039569 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=144, hop limit=0 (request in 251) |
| 253   | 126,364119 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=145, hop limit=0 (reply in 254) |
| 254   | 127,038582 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=145, hop limit=0 (request in 253) |
| 255   | 127,364141 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=146, hop limit=0 (reply in 256) |
| 256   | 128,044592 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=146, hop limit=0 (request in 255) |
| 257   | 128,364106 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=147, hop limit=0 (reply in 258) |
| 258   | 129,043607 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=147, hop limit=0 (request in 257) |
| 259   | 129,36412  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=148, hop limit=0 (reply in 260) |
| 260   | 130,004621 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=148, hop limit=0 (request in 259) |
| 261   | 130,364223 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=149, hop limit=0 (reply in 262) |
| 262   | 131,028658 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=149, hop limit=0 (request in 261) |
| 263   | 131,364232 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=150, hop limit=0 (reply in 264) |
| 264   | 132,026616 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=150, hop limit=0 (request in 263) |
| 265   | 132,364161 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=151, hop limit=0 (reply in 266) |
| 266   | 133,052655 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=151, hop limit=0 (request in 265) |
| 267   | 133,364205 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=152, hop limit=0 (reply in 268) |
| 268   | 134,030667 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=152, hop limit=0 (request in 267) |
| 269   | 134,364234 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=153, hop limit=0 (reply in 270) |
| 270   | 135,040693 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=153, hop limit=0 (request in 269) |
| 271   | 135,364218 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=154, hop limit=0 (reply in 272) |
| 272   | 136,032708 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=154, hop limit=0 (request in 271) |
| 273   | 136,364288 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=155, hop limit=0 (reply in 274) |
| 274   | 137,030675 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=155, hop limit=0 (request in 273) |
| 275   | 137,364215 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=156, hop limit=0 (reply in 276) |
| 276   | 138,036685 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=156, hop limit=0 (request in 275) |
| 277   | 138,364155 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=157, hop limit=0 (reply in 278) |
| 278   | 139,01067  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=157, hop limit=0 (request in 277) |
| 279   | 139,364199 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=158, hop limit=0 (reply in 280) |
| 280   | 140,001738 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=158, hop limit=0 (request in 279) |
| 281   | 140,364298 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=159, hop limit=0 (reply in 282) |
| 282   | 141,035753 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=159, hop limit=0 (request in 281) |
| 283   | 141,364343 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=160, hop limit=0 (reply in 284) |
| 284   | 142,040765 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=160, hop limit=0 (request in 283) |
| 285   | 142,364315 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=161, hop limit=0 (reply in 286) |
| 286   | 143,022774 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=161, hop limit=0 (request in 285) |
| 287   | 143,364352 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=162, hop limit=0 (reply in 288) |
| 288   | 144,027788 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=162, hop limit=0 (request in 287) |
| 289   | 144,364355 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=163, hop limit=0 (reply in 290) |
| 290   | 145,021798 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=163, hop limit=0 (request in 289) |
| 291   | 145,364236 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=164, hop limit=0 (reply in 292) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 65 m |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 292   | 146,038812 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=164, hop limit=0 (request in 291) |
| 293   | 146,364333 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=165, hop limit=0 (reply in 294) |
| 294   | 147,033824 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=165, hop limit=0 (request in 293) |
| 295   | 147,364419 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=166, hop limit=0 (reply in 296) |
| 296   | 148,037837 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=166, hop limit=0 (request in 295) |
| 297   | 148,364407 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=167, hop limit=0 (reply in 298) |
| 298   | 149,005853 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=167, hop limit=0 (request in 297) |
| 299   | 149,364467 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=168, hop limit=0 (reply in 300) |
| 300   | 150,021858 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=168, hop limit=0 (request in 299) |
| 301   | 150,364417 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=169, hop limit=0 (reply in 302) |
| 302   | 151,036872 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=169, hop limit=0 (request in 301) |
| 303   | 151,364437 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=170, hop limit=0 (reply in 304) |
| 304   | 152,025897 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=170, hop limit=0 (request in 303) |
| 305   | 152,364471 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=171, hop limit=0 (reply in 306) |
| 306   | 153,011896 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=171, hop limit=0 (request in 305) |
| 307   | 153,364455 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=172, hop limit=0 (reply in 308) |
| 308   | 154,03491  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=172, hop limit=0 (request in 307) |
| 309   | 154,36447  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=173, hop limit=0 (reply in 310) |
| 310   | 155,034922 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=173, hop limit=0 (request in 309) |
| 311   | 155,364491 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=174, hop limit=0 (reply in 312) |
| 312   | 156,038931 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=174, hop limit=0 (request in 311) |
| 313   | 156,364455 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=175, hop limit=0 (reply in 314) |
| 314   | 157,016944 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=175, hop limit=0 (request in 313) |
| 315   | 157,364533 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=176, hop limit=0 (reply in 316) |
| 316   | 158,043958 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=176, hop limit=0 (request in 315) |
| 317   | 158,364481 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=177, hop limit=0 (reply in 318) |
| 318   | 159,045959 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=177, hop limit=0 (request in 317) |
| 319   | 159,364482 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=178, hop limit=0 (reply in 320) |
| 320   | 160,033987 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=178, hop limit=0 (request in 319) |
| 321   | 160,364564 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=179, hop limit=0 (reply in 322) |
| 322   | 161,030992 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=179, hop limit=0 (request in 321) |
| 323   | 161,364537 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=180, hop limit=0 (reply in 324) |
| 324   | 162,027006 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=180, hop limit=0 (request in 323) |
| 325   | 162,364581 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=181, hop limit=0 (reply in 326) |
| 326   | 163,009992 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=181, hop limit=0 (request in 325) |
| 327   | 163,364578 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=182, hop limit=0 (reply in 328) |
| 328   | 164,014034 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=182, hop limit=0 (request in 327) |
| 329   | 164,364577 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=183, hop limit=0 (reply in 330) |
| 330   | 165,055042 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=183, hop limit=0 (request in 329) |
| 331   | 165,364573 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=184, hop limit=0 (reply in 332) |
| 332   | 166,043056 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=184, hop limit=0 (request in 331) |
| 333   | 166,364603 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=185, hop limit=0 (reply in 334) |
| 334   | 167,010065 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=185, hop limit=0 (request in 333) |
| 335   | 167,364605 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=186, hop limit=0 (reply in 336) |
| 336   | 168,035079 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=186, hop limit=0 (request in 335) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 65 m |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 337   | 168,36459  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=187, hop limit=0 (reply in 338) |
| 338   | 169,037081 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=187, hop limit=0 (request in 337) |
| 339   | 169,364642 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=188, hop limit=0 (reply in 340) |
| 340   | 170,032102 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=188, hop limit=0 (request in 339) |
| 341   | 170,364639 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=189, hop limit=0 (reply in 342) |
| 342   | 171,027114 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=189, hop limit=0 (request in 341) |
| 343   | 171,364677 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=190, hop limit=0 (reply in 344) |
| 344   | 172,027128 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=190, hop limit=0 (request in 343) |
| 345   | 172,364697 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=191, hop limit=0 (reply in 346) |
| 346   | 173,025137 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=191, hop limit=0 (request in 345) |
| 347   | 173,364684 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=192, hop limit=0 (reply in 348) |
| 348   | 174,045151 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=192, hop limit=0 (request in 347) |
| 349   | 174,364668 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=193, hop limit=0 (reply in 350) |
| 350   | 175,01316  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=193, hop limit=0 (request in 349) |
| 351   | 175,36475  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=194, hop limit=0 (reply in 352) |
| 352   | 176,036176 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=194, hop limit=0 (request in 351) |
| 353   | 176,364736 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=195, hop limit=0 (reply in 354) |
| 354   | 177,025185 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=195, hop limit=0 (request in 353) |
| 355   | 177,364729 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=196, hop limit=0 (reply in 356) |
| 356   | 178,0132   | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=196, hop limit=0 (request in 355) |
| 357   | 178,364784 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=197, hop limit=0 (reply in 358) |
| 358   | 179,029212 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=197, hop limit=0 (request in 357) |
| 359   | 179,364781 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=198, hop limit=0 (reply in 360) |
| 360   | 180,042225 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=198, hop limit=0 (request in 359) |
| 361   | 180,364784 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=199, hop limit=0 (reply in 362) |
| 362   | 181,014235 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=199, hop limit=0 (request in 361) |
| 363   | 181,36482  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=200, hop limit=0 (reply in 364) |
| 364   | 182,051247 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=200, hop limit=0 (request in 363) |
| 365   | 182,36479  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=201, hop limit=0 (reply in 366) |
| 366   | 183,039258 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=201, hop limit=0 (request in 365) |
| 367   | 183,364776 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=202, hop limit=0 (reply in 368) |
| 368   | 184,019272 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=202, hop limit=0 (request in 367) |
| 369   | 184,36482  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=203, hop limit=0 (reply in 370) |
| 370   | 185,018285 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=203, hop limit=0 (request in 369) |
| 371   | 185,364859 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=204, hop limit=0 (reply in 372) |
| 372   | 186,015295 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=204, hop limit=0 (request in 371) |
| 373   | 186,36485  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=205, hop limit=0 (reply in 374) |
| 374   | 187,01931  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=205, hop limit=0 (request in 373) |
| 375   | 187,364858 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=206, hop limit=0 (reply in 376) |
| 376   | 188,004321 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=206, hop limit=0 (request in 375) |
| 377   | 188,364913 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=207, hop limit=0 (reply in 378) |
| 378   | 189,016332 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=207, hop limit=0 (request in 377) |
| 379   | 189,364909 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=208, hop limit=0 (reply in 380) |
| 380   | 190,045343 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=208, hop limit=0 (request in 379) |
| 381   | 190,364896 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=209, hop limit=0 (reply in 382) |



| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 65 m |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 382   | 191,033356 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=209, hop limit=0 (request in 381) |
| 383   | 191,364894 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=210, hop limit=0 (reply in 384) |
| 384   | 192,035366 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=210, hop limit=0 (request in 383) |
| 385   | 192,364893 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=211, hop limit=0 (reply in 386) |
| 386   | 193,033379 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=211, hop limit=0 (request in 385) |
| 387   | 193,364937 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=212, hop limit=0 (reply in 388) |
| 388   | 194,022391 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=212, hop limit=0 (request in 387) |
| 389   | 194,364956 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=213, hop limit=0 (reply in 390) |
| 390   | 195,010402 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=213, hop limit=0 (request in 389) |
| 391   | 195,364955 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=214, hop limit=0 (reply in 392) |
| 392   | 196,034417 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=214, hop limit=0 (request in 391) |
| 393   | 196,364982 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=215, hop limit=0 (reply in 394) |
| 394   | 197,025428 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=215, hop limit=0 (request in 393) |
| 395   | 197,365009 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=216, hop limit=0 (reply in 396) |
| 396   | 198,043444 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=216, hop limit=0 (request in 395) |
| 397   | 198,364975 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=217, hop limit=0 (reply in 398) |
| 398   | 199,017421 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=217, hop limit=0 (request in 397) |
| 399   | 199,364923 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=218, hop limit=0 (reply in 400) |
| 400   | 200,043469 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=218, hop limit=0 (request in 399) |
| 401   | 200,364985 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=219, hop limit=0 (reply in 402) |
| 402   | 201,01445  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=219, hop limit=0 (request in 401) |
| 403   | 201,365026 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=220, hop limit=0 (reply in 404) |
| 404   | 201,99949  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=220, hop limit=0 (request in 403) |
| 405   | 202,365089 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=221, hop limit=0 (reply in 406) |
| 406   | 203,023501 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=221, hop limit=0 (request in 405) |
| 407   | 203,365077 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=222, hop limit=0 (reply in 408) |
| 408   | 204,043516 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=222, hop limit=0 (request in 407) |
| 409   | 204,365073 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=223, hop limit=0 (reply in 410) |
| 410   | 205,029525 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=223, hop limit=0 (request in 409) |
| 411   | 205,365085 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=224, hop limit=0 (reply in 412) |
| 412   | 206,013537 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=224, hop limit=0 (request in 411) |
| 413   | 206,365128 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=225, hop limit=0 (reply in 414) |
| 414   | 207,01955  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=225, hop limit=0 (request in 413) |
| 415   | 207,365122 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=226, hop limit=0 (reply in 416) |
| 416   | 208,032562 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=226, hop limit=0 (request in 415) |
| 417   | 208,36513  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=227, hop limit=0 (reply in 418) |
| 418   | 209,030548 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=227, hop limit=0 (request in 417) |
| 419   | 209,365113 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=228, hop limit=0 (reply in 420) |
| 420   | 210,015559 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=228, hop limit=0 (request in 419) |
| 421   | 210,365143 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=229, hop limit=0 (reply in 422) |
| 422   | 211,014598 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=229, hop limit=0 (request in 421) |
| 423   | 211,365173 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=230, hop limit=0 (reply in 424) |
| 424   | 212,01761  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=230, hop limit=0 (request in 423) |
| 425   | 212,365188 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=231, hop limit=0 (reply in 426) |
| 426   | 213,033624 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=231, hop limit=0 (request in 425) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 65 m |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 427   | 213,365191 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=232, hop limit=0 (reply in 428) |
| 428   | 214,042608 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=232, hop limit=0 (request in 427) |
| 429   | 214,365155 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=233, hop limit=0 (reply in 430) |
| 430   | 215,003647 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=233, hop limit=0 (request in 429) |
| 431   | 215,365234 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=234, hop limit=0 (reply in 432) |
| 432   | 216,019653 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=234, hop limit=0 (request in 431) |
| 433   | 216,365222 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=235, hop limit=0 (reply in 434) |
| 434   | 217,014675 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=235, hop limit=0 (request in 433) |
| 435   | 217,365259 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=236, hop limit=0 (reply in 436) |
| 436   | 218,021681 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=236, hop limit=0 (request in 435) |
| 437   | 218,365252 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=237, hop limit=0 (reply in 438) |
| 438   | 219,021695 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=237, hop limit=0 (request in 437) |
| 439   | 219,365292 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=238, hop limit=0 (reply in 440) |
| 440   | 220,013707 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=238, hop limit=0 (request in 439) |
| 441   | 220,365292 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=239, hop limit=0 (reply in 442) |
| 442   | 221,033721 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=239, hop limit=0 (request in 441) |
| 443   | 221,365282 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=240, hop limit=0 (reply in 444) |
| 444   | 222,03473  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=240, hop limit=0 (request in 443) |
| 445   | 222,365264 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=241, hop limit=0 (reply in 446) |
| 446   | 223,032743 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=241, hop limit=0 (request in 445) |
| 447   | 223,365304 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=242, hop limit=0 (reply in 448) |
| 448   | 224,042757 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=242, hop limit=0 (request in 447) |
| 449   | 224,365306 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=243, hop limit=0 (reply in 450) |
| 450   | 225,054766 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=243, hop limit=0 (request in 449) |
| 451   | 225,365298 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=244, hop limit=0 (reply in 452) |
| 452   | 226,014779 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=244, hop limit=0 (request in 451) |
| 453   | 226,365367 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=245, hop limit=0 (reply in 454) |
| 454   | 227,023791 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=245, hop limit=0 (request in 453) |
| 455   | 227,36534  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=246, hop limit=0 (reply in 456) |
| 456   | 228,001803 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=246, hop limit=0 (request in 455) |
| 457   | 228,365423 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=247, hop limit=0 (reply in 458) |
| 458   | 229,061814 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=247, hop limit=0 (request in 457) |
| 459   | 229,365362 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=248, hop limit=0 (reply in 460) |
| 460   | 230,044832 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=248, hop limit=0 (request in 459) |
| 461   | 230,365381 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=249, hop limit=0 (reply in 462) |
| 462   | 231,036839 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=249, hop limit=0 (request in 461) |
| 463   | 231,365393 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=250, hop limit=0 (reply in 464) |
| 464   | 232,031853 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=250, hop limit=0 (request in 463) |
| 465   | 232,365417 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=251, hop limit=0 (reply in 466) |
| 466   | 233,027866 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=251, hop limit=0 (request in 465) |
| 467   | 233,365399 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=252, hop limit=0 (reply in 468) |
| 468   | 234,037869 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=252, hop limit=0 (request in 467) |
| 469   | 234,365455 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=253, hop limit=0 (reply in 470) |
| 470   | 235,02089  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=253, hop limit=0 (request in 469) |
| 471   | 235,365467 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=254, hop limit=0 (reply in 472) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 65 m |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 472   | 236,0289   | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=254, hop limit=0 (request in 471) |
| 473   | 236,365466 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=255, hop limit=0 (reply in 474) |
| 474   | 237,017919 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=255, hop limit=0 (request in 473) |
| 475   | 237,365502 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=256, hop limit=0 (reply in 476) |
| 476   | 238,057947 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=256, hop limit=0 (request in 475) |
| 477   | 238,365485 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=257, hop limit=0 (reply in 478) |
| 478   | 239,02694  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=257, hop limit=0 (request in 477) |
| 479   | 239,36552  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=258, hop limit=0 (reply in 480) |
| 480   | 240,012952 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=258, hop limit=0 (request in 479) |
| 481   | 240,365533 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=259, hop limit=0 (reply in 482) |
| 482   | 241,03996  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=259, hop limit=0 (request in 481) |
| 483   | 241,365526 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=260, hop limit=0 (reply in 484) |
| 484   | 242,028974 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=260, hop limit=0 (request in 483) |
| 485   | 242,36554  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=261, hop limit=0 (reply in 486) |
| 486   | 243,013976 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=261, hop limit=0 (request in 485) |
| 487   | 243,365531 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=262, hop limit=0 (reply in 488) |
| 488   | 244,02     | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=262, hop limit=0 (request in 487) |
| 489   | 244,365575 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=263, hop limit=0 (reply in 490) |
| 490   | 245,043012 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=263, hop limit=0 (request in 489) |
| 491   | 245,365575 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=264, hop limit=0 (reply in 492) |
| 492   | 246,036021 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=264, hop limit=0 (request in 491) |
| 493   | 246,36559  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=265, hop limit=0 (reply in 494) |
| 494   | 247,044035 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=265, hop limit=0 (request in 493) |
| 495   | 247,365596 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=266, hop limit=0 (reply in 496) |
| 496   | 248,023048 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=266, hop limit=0 (request in 495) |
| 497   | 248,365583 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=267, hop limit=0 (reply in 498) |
| 498   | 249,02206  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=267, hop limit=0 (request in 497) |
| 499   | 249,365607 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=268, hop limit=0 (reply in 500) |
| 500   | 250,020071 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=268, hop limit=0 (request in 499) |
| 501   | 250,365642 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=269, hop limit=0 (reply in 502) |
| 502   | 251,026056 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=269, hop limit=0 (request in 501) |
| 503   | 251,365589 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=270, hop limit=0 (reply in 504) |
| 504   | 252,017096 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=270, hop limit=0 (request in 503) |
| 505   | 252,365687 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=271, hop limit=0 (reply in 506) |
| 506   | 253,033106 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=271, hop limit=0 (request in 505) |
| 507   | 253,365676 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=272, hop limit=0 (reply in 508) |
| 508   | 254,012119 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=272, hop limit=0 (request in 507) |
| 509   | 254,365709 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=273, hop limit=0 (reply in 510) |
| 510   | 255,034133 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=273, hop limit=0 (request in 509) |
| 511   | 255,365686 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=274, hop limit=0 (reply in 512) |
| 512   | 256,031141 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=274, hop limit=0 (request in 511) |
| 513   | 256,365709 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=275, hop limit=0 (reply in 514) |
| 514   | 257,031156 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=275, hop limit=0 (request in 513) |
| 515   | 257,365727 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=276, hop limit=0 (reply in 516) |
| 516   | 258,019167 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=276, hop limit=0 (request in 515) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO A 65 m |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 517   | 258,36574  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=277, hop limit=0 (reply in 518) |
| 518   | 259,007178 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=277, hop limit=0 (request in 517) |
| 519   | 259,365777 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=278, hop limit=0 (reply in 520) |
| 520   | 260,059192 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=278, hop limit=0 (request in 519) |
| 521   | 260,365733 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=279, hop limit=0 (reply in 522) |
| 522   | 261,038176 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=279, hop limit=0 (request in 521) |
| 523   | 261,36573  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=280, hop limit=0 (reply in 524) |
| 524   | 262,038215 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=280, hop limit=0 (request in 523) |
| 525   | 262,365733 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=281, hop limit=0 (reply in 526) |
| 526   | 263,04523  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=281, hop limit=0 (request in 525) |
| 527   | 263,365795 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=282, hop limit=0 (reply in 528) |
| 528   | 264,04924  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=282, hop limit=0 (request in 527) |
| 529   | 264,365784 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=283, hop limit=0 (reply in 530) |
| 530   | 265,017252 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=283, hop limit=0 (request in 529) |
| 531   | 265,365828 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=284, hop limit=0 (reply in 532) |
| 532   | 266,015266 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=284, hop limit=0 (request in 531) |
| 533   | 266,365854 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=285, hop limit=0 (reply in 534) |
| 534   | 267,022277 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=285, hop limit=0 (request in 533) |
| 535   | 267,365849 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=286, hop limit=0 (reply in 536) |
| 536   | 268,042289 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=286, hop limit=0 (request in 535) |
| 537   | 268,365852 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=287, hop limit=0 (reply in 538) |
| 538   | 269,006273 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=287, hop limit=0 (request in 537) |
| 539   | 269,365898 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=288, hop limit=0 (reply in 540) |
| 540   | 270,03029  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=288, hop limit=0 (request in 539) |
| 541   | 270,365837 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=289, hop limit=0 (reply in 542) |
| 542   | 271,021327 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=289, hop limit=0 (request in 541) |
| 543   | 271,365922 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=290, hop limit=0 (reply in 544) |
| 544   | 272,064337 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=290, hop limit=0 (request in 543) |
| 545   | 272,365889 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0ba6, seq=291, hop limit=0 (reply in 546) |
| 546   | 273,036349 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0ba6, seq=291, hop limit=0 (request in 545) |

**Tabla 36. Test para el nodo 7 con 6Lowpan a 65 m, LPL 512 ms y con enrutamiento estático.**

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO LPL DE 512 ms A 65 m |          |           |             |          |        |   |
|---|----------|-----------|-------------|----------|--------|---|
| No.   | Time     | Source    | Destination | Protocol | Length | Info  |
| 1   | 0        | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=14, hop limit=0 (reply in 2) |
| 2   | 0,693029 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=14, hop limit=0 (request in 1) |
| 3   | 0,99956  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=15, hop limit=0 (reply in 4) |
| 4   | 1,619026 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=15, hop limit=0 (request in 3) |
| 5   | 1,999633 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=16, hop limit=0              |
| 6   | 3,008031 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=17, hop limit=0 (reply in 8) |
| 7   | 4,016037 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=18, hop limit=0              |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO LPL DE 512 ms A 65 m |           |           |             |          |        |  |
|---|-----------|-----------|-------------|----------|--------|--|
| No.   | Time      | Source    | Destination | Protocol | Length | Info   |
| 8   | 4,083066  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=17, hop limit=0 (request in 6)  |
| 9   | 5,01721   | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=19, hop limit=0               |
| 10  | 6,024009  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=20, hop limit=0 (reply in 12) |
| 11  | 7,032034  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=21, hop limit=0 (reply in 13) |
| 12  | 7,044114  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=20, hop limit=0 (request in 10) |
| 13  | 7,975127  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=21, hop limit=0 (request in 11) |
| 14  | 8,031385  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=22, hop limit=0 (reply in 15) |
| 15  | 8,907136  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=22, hop limit=0 (request in 14) |
| 16  | 9,031478  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=23, hop limit=0 (reply in 17) |
| 17  | 9,832146  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=23, hop limit=0 (request in 16) |
| 18  | 10,031543 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=24, hop limit=0               |
| 19  | 11,04004  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=25, hop limit=0               |
| 20  | 12,048017 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=26, hop limit=0               |
| 21  | 13,05598  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=27, hop limit=0 (reply in 22) |
| 22  | 13,83619  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=27, hop limit=0 (request in 21) |
| 23  | 14,055636 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=28, hop limit=0 (reply in 24) |
| 24  | 14,762201 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=28, hop limit=0 (request in 23) |
| 25  | 15,055719 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=29, hop limit=0 (reply in 26) |
| 26  | 15,693212 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=29, hop limit=0 (request in 25) |
| 27  | 16,055776 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=30, hop limit=0 (reply in 29) |
| 28  | 17,064041 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=31, hop limit=0               |
| 29  | 17,150226 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=30, hop limit=0 (request in 27) |
| 30  | 18,065352 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=32, hop limit=0               |
| 31  | 19,072038 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=33, hop limit=0 (reply in 33) |
| 32  | 20,080046 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=34, hop limit=0               |
| 33  | 20,115268 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=33, hop limit=0 (request in 31) |
| 34  | 21,081445 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=35, hop limit=0               |
| 35  | 22,088038 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=36, hop limit=0               |
| 36  | 23,09608  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=37, hop limit=0               |
| 37  | 24,104048 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=38, hop limit=0               |
| 38  | 25,112009 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=39, hop limit=0               |
| 39  | 26,120016 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=40, hop limit=0 (reply in 41) |
| 40  | 27,128046 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=41, hop limit=0               |
| 41  | 27,173354 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=40, hop limit=0 (request in 39) |
| 42  | 28,129519 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=42, hop limit=0               |
| 43  | 29,136046 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=43, hop limit=0               |
| 44  | 30,144014 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=44, hop limit=0 (reply in 46) |
| 45  | 31,152048 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=45, hop limit=0 (reply in 47) |
| 46  | 31,159396 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=44, hop limit=0 (request in 44) |
| 47  | 32,094418 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=45, hop limit=0 (request in 45) |
| 48  | 32,151701 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=46, hop limit=0 (reply in 49) |
| 49  | 33,026432 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=46, hop limit=0 (request in 48) |
| 50  | 33,151741 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=47, hop limit=0 (reply in 51) |
| 51  | 33,95744  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=47, hop limit=0 (request in 50) |
| 52  | 34,151821 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=48, hop limit=0 (reply in 53) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO LPL DE 512 ms A 65 m |           |           |             |          |        |  |
|---|-----------|-----------|-------------|----------|--------|--|
| No.   | Time      | Source    | Destination | Protocol | Length | Info   |
| 53  | 34,889444 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=48, hop limit=0 (request in 52) |
| 54  | 35,151934 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=49, hop limit=0 (reply in 55) |
| 55  | 35,813455 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=49, hop limit=0 (request in 54) |
| 56  | 36,151993 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=50, hop limit=0 (reply in 58) |
| 57  | 37,160043 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=51, hop limit=0               |
| 58  | 37,256471 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=50, hop limit=0 (request in 56) |
| 59  | 38,161588 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=52, hop limit=0               |
| 60  | 39,168043 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=53, hop limit=0               |
| 61  | 40,176007 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=54, hop limit=0 (reply in 63) |
| 62  | 41,184039 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=55, hop limit=0               |
| 63  | 41,255515 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=54, hop limit=0 (request in 61) |
| 64  | 42,185644 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=56, hop limit=0               |
| 65  | 43,192041 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=57, hop limit=0 (reply in 67) |
| 66  | 44,200039 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=58, hop limit=0 (reply in 68) |
| 67  | 44,218552 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=57, hop limit=0 (request in 65) |
| 68  | 45,155568 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=58, hop limit=0 (request in 66) |
| 69  | 45,199855 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=59, hop limit=0               |
| 70  | 46,208013 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=60, hop limit=0 (reply in 71) |
| 71  | 47,106567 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=60, hop limit=0 (request in 70) |
| 72  | 47,207867 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=61, hop limit=0 (reply in 73) |
| 73  | 48,036608 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=61, hop limit=0 (request in 72) |
| 74  | 48,208017 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=62, hop limit=0               |
| 75  | 49,216048 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=63, hop limit=0 (reply in 76) |
| 76  | 49,993633 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=63, hop limit=0 (request in 75) |
| 77  | 50,216095 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=64, hop limit=0 (reply in 78) |
| 78  | 50,923644 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=64, hop limit=0 (request in 77) |
| 79  | 51,216172 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=65, hop limit=0 (reply in 80) |
| 80  | 51,850647 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=65, hop limit=0 (request in 79) |
| 81  | 52,216255 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=66, hop limit=0 (reply in 83) |
| 82  | 53,224033 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=67, hop limit=0               |
| 83  | 53,293662 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=66, hop limit=0 (request in 81) |
| 84  | 54,225805 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=68, hop limit=0               |
| 85  | 55,225915 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=69, hop limit=0 (reply in 87) |
| 86  | 56,225941 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=70, hop limit=0               |
| 87  | 56,268705 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=69, hop limit=0 (request in 85) |
| 88  | 57,227878 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=71, hop limit=0               |
| 89  | 58,236013 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=72, hop limit=0               |
| 90  | 59,244017 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=73, hop limit=0 (reply in 92) |
| 91  | 60,252041 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=74, hop limit=0 (reply in 93) |
| 92  | 60,253751 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=73, hop limit=0 (request in 90) |
| 93  | 61,183769 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=74, hop limit=0 (request in 91) |
| 94  | 61,252077 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=75, hop limit=0 (reply in 95) |
| 95  | 62,113781 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=75, hop limit=0 (request in 94) |
| 96  | 62,252187 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=76, hop limit=0 (reply in 97) |
| 97  | 63,042793 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=76, hop limit=0 (request in 96) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO LPL DE 512 ms A 65 m |           |           |             |          |        |  |
|---|-----------|-----------|-------------|----------|--------|--|
| No.   | Time      | Source    | Destination | Protocol | Length | Info   |
| 98  | 63,252231 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=77, hop limit=0 (reply in 99)   |
| 99  | 63,969772 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=77, hop limit=0 (request in 98)   |
| 100   | 64,252248 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=78, hop limit=0                 |
| 101   | 65,260026 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=79, hop limit=0                 |
| 102   | 66,268067 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=80, hop limit=0                 |
| 103   | 67,276047 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=81, hop limit=0 (reply in 104)  |
| 104   | 67,970844 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=81, hop limit=0 (request in 103)  |
| 105   | 68,276382 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=82, hop limit=0 (reply in 106)  |
| 106   | 68,898857 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=82, hop limit=0 (request in 105)  |
| 107   | 69,276463 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=83, hop limit=0                 |
| 108   | 70,284038 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=84, hop limit=0 (reply in 110)  |
| 109   | 71,292069 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=85, hop limit=0                 |
| 110   | 71,376881 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=84, hop limit=0 (request in 108)  |
| 111   | 72,293011 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=86, hop limit=0                 |
| 112   | 73,300033 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=87, hop limit=0 (reply in 114)  |
| 113   | 74,308053 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=88, hop limit=0                 |
| 114   | 74,356923 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=87, hop limit=0 (request in 112)  |
| 115   | 75,308097 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=89, hop limit=0                 |
| 116   | 76,316071 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=90, hop limit=0                 |
| 117   | 77,324032 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=91, hop limit=0 (reply in 119)  |
| 118   | 78,332061 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=92, hop limit=0 (reply in 120)  |
| 119   | 78,346974 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=91, hop limit=0 (request in 117)  |
| 120   | 79,28098  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=92, hop limit=0 (request in 118)  |
| 121   | 79,331239 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=93, hop limit=0 (reply in 122)  |
| 122   | 80,216    | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=93, hop limit=0 (request in 121)  |
| 123   | 80,331353 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=94, hop limit=0                 |
| 124   | 81,340127 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=95, hop limit=0 (reply in 125)  |
| 125   | 82,173017 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=95, hop limit=0 (request in 124)  |
| 126   | 82,340386 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=96, hop limit=0 (reply in 127)  |
| 127   | 83,10003  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=96, hop limit=0 (request in 126)  |
| 128   | 83,341457 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=97, hop limit=0 (reply in 129)  |
| 129   | 84,034015 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=97, hop limit=0 (request in 128)  |
| 130   | 84,342551 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=98, hop limit=0                 |
| 131   | 85,341912 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=99, hop limit=0 (reply in 132)  |
| 132   | 85,993066 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=99, hop limit=0 (request in 131)  |
| 133   | 86,342656 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=100, hop limit=0 (reply in 135) |
| 134   | 87,345931 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=101, hop limit=0                |
| 135   | 87,448084 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=100, hop limit=0 (request in 133) |
| 136   | 88,347196 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=102, hop limit=0                |
| 137   | 89,349953 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=103, hop limit=0 (reply in 139) |
| 138   | 90,34998  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=104, hop limit=0                |
| 139   | 90,421113 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=103, hop limit=0 (request in 137) |
| 140   | 91,351236 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=105, hop limit=0                |
| 141   | 92,360037 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=106, hop limit=0 (reply in 143) |
| 142   | 93,368038 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=107, hop limit=0 (reply in 144) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO LPL DE 512 ms A 65 m |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 143   | 93,387158  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=106, hop limit=0 (request in 141) |
| 144   | 94,323172  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=107, hop limit=0 (request in 142) |
| 145   | 94,368457  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=108, hop limit=0 (reply in 146) |
| 146   | 95,25517   | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=108, hop limit=0 (request in 145) |
| 147   | 95,369514  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=109, hop limit=0                |
| 148   | 96,376042  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=110, hop limit=0 (reply in 149) |
| 149   | 97,204205  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=110, hop limit=0 (request in 148) |
| 150   | 97,376615  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=111, hop limit=0                |
| 151   | 98,384016  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=112, hop limit=0                |
| 152   | 99,391976  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=113, hop limit=0 (reply in 153) |
| 153   | 100,177242 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=113, hop limit=0 (request in 152) |
| 154   | 100,392696 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=114, hop limit=0                |
| 155   | 101,400075 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=115, hop limit=0 (reply in 156) |
| 156   | 102,134269 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=115, hop limit=0 (request in 155) |
| 157   | 102,40077  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=116, hop limit=0 (reply in 158) |
| 158   | 103,064276 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=116, hop limit=0 (request in 157) |
| 159   | 103,40187  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=117, hop limit=0 (reply in 160) |
| 160   | 103,995283 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=117, hop limit=0 (request in 159) |
| 161   | 104,402903 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=118, hop limit=0                |
| 162   | 105,401947 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=119, hop limit=0 (reply in 164) |
| 163   | 106,401939 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=120, hop limit=0                |
| 164   | 106,467311 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=119, hop limit=0 (request in 162) |
| 165   | 107,403462 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=121, hop limit=0                |
| 166   | 108,405943 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=122, hop limit=0 (reply in 168) |
| 167   | 109,40994  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=123, hop limit=0                |
| 168   | 109,438348 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=122, hop limit=0 (request in 166) |
| 169   | 110,41154  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=124, hop limit=0                |
| 170   | 111,420021 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=125, hop limit=0                |
| 171   | 112,428013 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=126, hop limit=0 (reply in 173) |
| 172   | 113,436037 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=127, hop limit=0 (reply in 174) |
| 173   | 113,440392 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=126, hop limit=0 (request in 171) |
| 174   | 114,365412 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=127, hop limit=0 (request in 172) |
| 175   | 114,435725 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=128, hop limit=0 (reply in 176) |
| 176   | 115,292418 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=128, hop limit=0 (request in 175) |
| 177   | 115,436766 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=129, hop limit=0                |
| 178   | 116,444013 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=130, hop limit=0                |
| 179   | 117,452004 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=131, hop limit=0 (reply in 180) |
| 180   | 118,272455 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=131, hop limit=0 (request in 179) |
| 181   | 118,452866 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=132, hop limit=0 (reply in 182) |
| 182   | 119,205471 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=132, hop limit=0 (request in 181) |
| 183   | 119,453896 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=133, hop limit=0 (reply in 184) |
| 184   | 120,132476 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=133, hop limit=0 (request in 183) |
| 185   | 120,455027 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=134, hop limit=0 (reply in 186) |
| 186   | 121,060488 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=134, hop limit=0 (request in 185) |
| 187   | 121,456112 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=135, hop limit=0                |



| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO LPL DE 512 ms A 65 m |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 188   | 122,464043 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=136, hop limit=0 (reply in 190) |
| 189   | 123,472044 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=137, hop limit=0                |
| 190   | 123,533529 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=136, hop limit=0 (request in 188) |
| 191   | 124,473687 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=138, hop limit=0                |
| 192   | 125,480049 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=139, hop limit=0                |
| 193   | 126,488009 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=140, hop limit=0 (reply in 195) |
| 194   | 127,49604  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=141, hop limit=0                |
| 195   | 127,534568 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=140, hop limit=0 (request in 193) |
| 196   | 128,497758 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=142, hop limit=0                |
| 197   | 129,501948 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=143, hop limit=0                |
| 198   | 130,501955 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=144, hop limit=0                |
| 199   | 131,505943 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=145, hop limit=0 (reply in 201) |
| 200   | 132,509954 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=146, hop limit=0                |
| 201   | 132,551628 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=145, hop limit=0 (request in 199) |
| 202   | 133,511804 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=147, hop limit=0                |
| 203   | 134,520059 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=148, hop limit=0                |
| 204   | 135,528049 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=149, hop limit=0 (reply in 206) |
| 205   | 136,536045 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=150, hop limit=0 (reply in 207) |
| 206   | 136,544672 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=149, hop limit=0 (request in 204) |
| 207   | 137,482692 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=150, hop limit=0 (request in 205) |
| 208   | 137,535989 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=151, hop limit=0 (reply in 209) |
| 209   | 138,421698 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=151, hop limit=0 (request in 208) |
| 210   | 138,536038 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=152, hop limit=0 (reply in 211) |
| 211   | 139,349715 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=152, hop limit=0 (request in 210) |
| 212   | 139,536153 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=153, hop limit=0                |
| 213   | 140,544059 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=154, hop limit=0                |
| 214   | 141,552069 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=155, hop limit=0                |
| 215   | 142,559981 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=156, hop limit=0                |
| 216   | 143,568152 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=157, hop limit=0 (reply in 217) |
| 217   | 144,372775 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=157, hop limit=0 (request in 216) |
| 218   | 144,568173 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=158, hop limit=0 (reply in 219) |
| 219   | 145,303757 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=158, hop limit=0 (request in 218) |
| 220   | 145,569221 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=159, hop limit=0 (reply in 221) |
| 221   | 146,234772 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=159, hop limit=0 (request in 220) |
| 222   | 146,57029  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=160, hop limit=0 (reply in 223) |
| 223   | 147,163803 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=160, hop limit=0 (request in 222) |
| 224   | 147,57144  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=161, hop limit=0                |
| 225   | 148,580042 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=162, hop limit=0 (reply in 227) |
| 226   | 149,58803  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=163, hop limit=0                |
| 227   | 149,627829 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=162, hop limit=0 (request in 225) |
| 228   | 150,589921 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=164, hop limit=0                |
| 229   | 151,589976 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=165, hop limit=0                |
| 230   | 152,589968 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=166, hop limit=0 (reply in 232) |
| 231   | 153,589957 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=167, hop limit=0 (reply in 233) |
| 232   | 153,617892 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=166, hop limit=0 (request in 230) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO LPL DE 512 ms A 65 m |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 233   | 154,5489   | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=167, hop limit=0 (request in 231) |
| 234   | 154,589169 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=168, hop limit=0 (reply in 235) |
| 235   | 155,475902 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=168, hop limit=0 (request in 234) |
| 236   | 155,58922  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=169, hop limit=0                |
| 237   | 156,59606  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=170, hop limit=0 (reply in 238) |
| 238   | 157,425941 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=170, hop limit=0 (request in 237) |
| 239   | 157,595307 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=171, hop limit=0 (reply in 240) |
| 240   | 158,356944 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=171, hop limit=0 (request in 239) |
| 241   | 158,595392 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=172, hop limit=0 (reply in 242) |
| 242   | 159,287958 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=172, hop limit=0 (request in 241) |
| 243   | 159,596466 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=173, hop limit=0 (reply in 244) |
| 244   | 160,223962 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=173, hop limit=0 (request in 243) |
| 245   | 160,597554 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=174, hop limit=0                |
| 246   | 161,604077 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=175, hop limit=0 (reply in 248) |
| 247   | 162,605934 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=176, hop limit=0                |
| 248   | 162,690996 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=175, hop limit=0 (request in 246) |
| 249   | 163,607136 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=177, hop limit=0                |
| 250   | 164,616063 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=178, hop limit=0 (reply in 252) |
| 251   | 165,624092 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=179, hop limit=0                |
| 252   | 165,668023 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=178, hop limit=0 (request in 250) |
| 253   | 166,625188 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=180, hop limit=0                |
| 254   | 167,63204  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=181, hop limit=0                |
| 255   | 168,640039 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=182, hop limit=0 (reply in 257) |
| 256   | 169,648039 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=183, hop limit=0 (reply in 258) |
| 257   | 169,665075 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=182, hop limit=0 (request in 255) |
| 258   | 170,592095 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=183, hop limit=0 (request in 256) |
| 259   | 170,647382 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=184, hop limit=0 (reply in 260) |
| 260   | 171,520105 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=184, hop limit=0 (request in 259) |
| 261   | 171,647474 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=185, hop limit=0 (reply in 262) |
| 262   | 172,45311  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=185, hop limit=0 (request in 261) |
| 263   | 172,647529 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=186, hop limit=0 (reply in 264) |
| 264   | 173,38112  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=186, hop limit=0 (request in 263) |
| 265   | 173,647613 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=187, hop limit=0 (reply in 266) |
| 266   | 174,312132 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=187, hop limit=0 (request in 265) |
| 267   | 174,648701 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=188, hop limit=0 (reply in 268) |
| 268   | 175,244146 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=188, hop limit=0 (request in 267) |
| 269   | 175,649791 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=189, hop limit=0                |
| 270   | 176,649981 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=190, hop limit=0 (reply in 272) |
| 271   | 177,649919 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=191, hop limit=0                |
| 272   | 177,706183 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=190, hop limit=0 (request in 270) |
| 273   | 178,65135  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=192, hop limit=0                |
| 274   | 179,660044 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=193, hop limit=0                |
| 275   | 180,668015 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=194, hop limit=0                |
| 276   | 181,676043 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=195, hop limit=0 (reply in 278) |
| 277   | 182,684037 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=196, hop limit=0                |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO LPL DE 512 ms A 65 m |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 278   | 182,722236 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=195, hop limit=0 (request in 276) |
| 279   | 183,684526 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=197, hop limit=0                |
| 280   | 184,69201  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=198, hop limit=0                |
| 281   | 185,700013 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=199, hop limit=0                |
| 282   | 186,707983 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=200, hop limit=0 (reply in 284) |
| 283   | 187,716044 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=201, hop limit=0 (reply in 285) |
| 284   | 187,732289 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=200, hop limit=0 (request in 282) |
| 285   | 188,660305 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=201, hop limit=0 (request in 283) |
| 286   | 188,715563 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=202, hop limit=0 (reply in 287) |
| 287   | 189,589317 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=202, hop limit=0 (request in 286) |
| 288   | 189,715681 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=203, hop limit=0                |
| 289   | 190,724044 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=204, hop limit=0 (reply in 290) |
| 290   | 191,540345 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=204, hop limit=0 (request in 289) |
| 291   | 191,723757 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=205, hop limit=0                |
| 292   | 192,732047 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=206, hop limit=0                |
| 293   | 193,74005  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=207, hop limit=0                |
| 294   | 194,748052 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=208, hop limit=0                |
| 295   | 195,756064 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=209, hop limit=0                |
| 296   | 196,76405  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=210, hop limit=0                |
| 297   | 197,772009 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=211, hop limit=0 (reply in 298) |
| 298   | 198,607433 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=211, hop limit=0 (request in 297) |
| 299   | 198,771833 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=212, hop limit=0 (reply in 300) |
| 300   | 199,534443 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=212, hop limit=0 (request in 299) |
| 301   | 199,771919 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=213, hop limit=0                |
| 302   | 200,780048 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=214, hop limit=0 (reply in 303) |
| 303   | 201,485461 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=214, hop limit=0 (request in 302) |
| 304   | 201,779983 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=215, hop limit=0                |
| 305   | 202,788045 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=216, hop limit=0                |
| 306   | 203,796047 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=217, hop limit=0                |
| 307   | 204,804016 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=218, hop limit=0                |
| 308   | 205,812018 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=219, hop limit=0                |
| 309   | 206,819987 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=220, hop limit=0                |
| 310   | 207,828008 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=221, hop limit=0 (reply in 311) |
| 311   | 208,549555 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=221, hop limit=0 (request in 310) |
| 312   | 208,828072 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=222, hop limit=0 (reply in 313) |
| 313   | 209,477563 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=222, hop limit=0 (request in 312) |
| 314   | 209,828107 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=223, hop limit=0 (reply in 316) |
| 315   | 210,836065 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=224, hop limit=0                |
| 316   | 210,92957  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=223, hop limit=0 (request in 314) |
| 317   | 211,837688 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=225, hop limit=0                |
| 318   | 212,844013 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=226, hop limit=0                |
| 319   | 213,852005 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=227, hop limit=0 (reply in 321) |
| 320   | 214,860044 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=228, hop limit=0                |
| 321   | 214,922625 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=227, hop limit=0 (request in 319) |
| 322   | 215,861787 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=229, hop limit=0                |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO LPL DE 512 ms A 65 m |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 323   | 216,861949 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=230, hop limit=0                |
| 324   | 217,861914 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=231, hop limit=0                |
| 325   | 218,861935 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=232, hop limit=0 (reply in 327) |
| 326   | 219,861942 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=233, hop limit=0                |
| 327   | 219,948687 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=232, hop limit=0 (request in 325) |
| 328   | 220,863821 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=234, hop limit=0                |
| 329   | 221,872076 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=235, hop limit=0 (reply in 331) |
| 330   | 222,880032 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=236, hop limit=0                |
| 331   | 222,918694 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=235, hop limit=0 (request in 329) |
| 332   | 223,881861 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=237, hop limit=0                |
| 333   | 224,881951 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=238, hop limit=0                |
| 334   | 225,881943 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=239, hop limit=0 (reply in 336) |
| 335   | 226,881935 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=240, hop limit=0                |
| 336   | 226,910771 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=239, hop limit=0 (request in 334) |
| 337   | 227,883964 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=241, hop limit=0                |
| 338   | 228,892051 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=242, hop limit=0                |
| 339   | 229,900004 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=243, hop limit=0 (reply in 340) |
| 340   | 230,905837 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=243, hop limit=0 (request in 339) |
| 341   | 230,906005 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=244, hop limit=0 (reply in 342) |
| 342   | 231,837857 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=244, hop limit=0 (request in 341) |
| 343   | 231,905125 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=245, hop limit=0 (reply in 344) |
| 344   | 232,77584  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=245, hop limit=0 (request in 343) |
| 345   | 232,90518  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=246, hop limit=0                |
| 346   | 233,905917 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=247, hop limit=0 (reply in 347) |
| 347   | 234,732863 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=247, hop limit=0 (request in 346) |
| 348   | 234,905267 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=248, hop limit=0                |
| 349   | 235,91203  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=249, hop limit=0                |
| 350   | 236,920042 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=250, hop limit=0 (reply in 351) |
| 351   | 237,711905 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=250, hop limit=0 (request in 350) |
| 352   | 237,919345 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=251, hop limit=0 (reply in 353) |
| 353   | 238,638916 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=251, hop limit=0 (request in 352) |
| 354   | 238,919439 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=252, hop limit=0                |
| 355   | 239,92807  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=253, hop limit=0                |
| 356   | 240,936038 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=254, hop limit=0                |
| 357   | 241,944016 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=255, hop limit=0                |
| 358   | 242,952005 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=256, hop limit=0 (reply in 359) |
| 359   | 243,654971 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=256, hop limit=0 (request in 358) |
| 360   | 243,951503 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=257, hop limit=0                |
| 361   | 244,960045 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=258, hop limit=0                |
| 362   | 245,968039 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=259, hop limit=0                |
| 363   | 246,976043 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=260, hop limit=0 (reply in 364) |
| 364   | 247,658028 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=260, hop limit=0 (request in 363) |
| 365   | 247,975581 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=261, hop limit=0 (reply in 366) |
| 366   | 248,583032 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=261, hop limit=0 (request in 365) |
| 367   | 248,975629 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=262, hop limit=0                |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO LPL DE 512 ms A 65 m |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 368   | 249,984035 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=263, hop limit=0 (reply in 370) |
| 369   | 250,992041 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=264, hop limit=0                |
| 370   | 251,044056 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=263, hop limit=0 (request in 368) |
| 371   | 251,993218 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=265, hop limit=0                |
| 372   | 253,000033 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=266, hop limit=0                |
| 373   | 254,008033 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=267, hop limit=0 (reply in 375) |
| 374   | 255,016064 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=268, hop limit=0 (reply in 376) |
| 375   | 255,036108 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=267, hop limit=0 (request in 373) |
| 376   | 255,973129 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=268, hop limit=0 (request in 374) |
| 377   | 256,015395 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=269, hop limit=0 (reply in 378) |
| 378   | 256,902139 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=269, hop limit=0 (request in 377) |
| 379   | 257,015492 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=270, hop limit=0                |
| 380   | 258,024054 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=271, hop limit=0 (reply in 381) |
| 381   | 258,85716  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=271, hop limit=0 (request in 380) |
| 382   | 259,023591 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=272, hop limit=0 (reply in 383) |
| 383   | 259,790173 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=272, hop limit=0 (request in 382) |
| 384   | 260,023637 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=273, hop limit=0 (reply in 385) |
| 385   | 260,715184 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=273, hop limit=0 (request in 384) |
| 386   | 261,02373  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=274, hop limit=0 (reply in 387) |
| 387   | 261,647197 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=274, hop limit=0 (request in 386) |
| 388   | 262,023809 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=275, hop limit=0                |
| 389   | 263,032043 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=276, hop limit=0 (reply in 391) |
| 390   | 264,040046 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=277, hop limit=0                |
| 391   | 264,112219 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=276, hop limit=0 (request in 389) |
| 392   | 265,041374 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=278, hop limit=0                |
| 393   | 266,048073 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=279, hop limit=0 (reply in 395) |
| 394   | 267,056042 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=280, hop limit=0 (reply in 396) |
| 395   | 267,07725  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=279, hop limit=0 (request in 393) |
| 396   | 268,016266 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=280, hop limit=0 (request in 394) |
| 397   | 268,055529 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=281, hop limit=0 (reply in 398) |
| 398   | 268,943283 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=281, hop limit=0 (request in 397) |
| 399   | 269,055627 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=282, hop limit=0                |
| 400   | 270,064044 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=283, hop limit=0 (reply in 401) |
| 401   | 270,895298 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=283, hop limit=0 (request in 400) |
| 402   | 271,063645 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=284, hop limit=0 (reply in 403) |
| 403   | 271,82532  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c05, seq=284, hop limit=0 (request in 402) |
| 404   | 272,063798 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c05, seq=285, hop limit=0                |

**Tabla 37. Test para el nodo 7 con 6Lowpan a 65 m, LPL 1024 ms y con enrutamiento estático.**

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO LPL DE 1024 ms A 65 m |      |        |             |          |        |      |
|--|------|--------|-------------|----------|--------|------|
| No.  | Time | Source | Destination | Protocol | Length | Info |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO LPL DE 1024 ms A 65 m |           |           |             |          |        |   |
|--|-----------|-----------|-------------|----------|--------|---|
| No.  | Time      | Source    | Destination | Protocol | Length | Info  |
| 1  | 0         | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=68, hop limit=0                  |
| 2  | 0,501704  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=70, hop limit=0                |
| 3  | 1,509754  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=71, hop limit=0 (reply in 4)   |
| 4  | 2,440024  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=71, hop limit=0 (request in 3)   |
| 5  | 2,510304  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=72, hop limit=0                |
| 6  | 3,517724  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=73, hop limit=0                |
| 7  | 4,525725  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=74, hop limit=0                |
| 8  | 5,533722  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=75, hop limit=0                |
| 9  | 6,541777  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=76, hop limit=0                |
| 10   | 7,549752  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=77, hop limit=0                |
| 11   | 8,557718  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=78, hop limit=0                |
| 12   | 9,565724  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=79, hop limit=0                |
| 13   | 10,573719 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=80, hop limit=0 (reply in 15)  |
| 14   | 11,581781 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=81, hop limit=0 (reply in 16)  |
| 15   | 12,068148 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=80, hop limit=0 (request in 13)  |
| 16   | 12,25514  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=81, hop limit=0 (request in 14)  |
| 17   | 12,582687 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=82, hop limit=0 (reply in 19)  |
| 18   | 13,589745 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=83, hop limit=0                |
| 19   | 13,691164 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=82, hop limit=0 (request in 17)  |
| 20   | 14,591234 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=84, hop limit=0                |
| 21   | 15,597781 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=85, hop limit=0 (reply in 23)  |
| 22   | 16,605753 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=86, hop limit=0                |
| 23   | 17,15121  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=85, hop limit=0 (request in 21)  |
| 24   | 17,606895 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=87, hop limit=0 (reply in 25)  |
| 25   | 18,578221 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=87, hop limit=0 (request in 24)  |
| 26   | 18,606484 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=88, hop limit=0 (reply in 28)  |
| 27   | 19,613682 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=89, hop limit=0                |
| 28   | 20,041238 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=88, hop limit=0 (request in 26)  |
| 29   | 20,615057 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=90, hop limit=0                |
| 30   | 21,621751 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=91, hop limit=0                |
| 31   | 22,629752 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=92, hop limit=0 (reply in 32)  |
| 32   | 23,486276 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=92, hop limit=0 (request in 31)  |
| 33   | 23,630643 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=93, hop limit=0 (reply in 35)  |
| 34   | 24,637708 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=94, hop limit=0                |
| 35   | 24,947296 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=93, hop limit=0 (request in 33)  |
| 36   | 25,639198 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=95, hop limit=0 (reply in 37)  |
| 37   | 26,37732  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=95, hop limit=0 (request in 36)  |
| 38   | 26,639656 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=96, hop limit=0                |
| 39   | 27,639616 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=97, hop limit=0                |
| 40   | 28,639626 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=98, hop limit=0                |
| 41   | 29,639643 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=99, hop limit=0                |
| 42   | 30,639626 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=100, hop limit=0 (reply in 44) |
| 43   | 31,639622 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=101, hop limit=0               |
| 44   | 31,874375 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=100, hop limit=0 (request in 42) |
| 45   | 32,641332 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=102, hop limit=0               |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO LPL DE 1024 ms A 65 m |           |           |             |          |        |   |
|--|-----------|-----------|-------------|----------|--------|---|
| No.  | Time      | Source    | Destination | Protocol | Length | Info  |
| 46   | 33,649728 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=103, hop limit=0               |
| 47   | 34,657692 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=104, hop limit=0 (reply in 48) |
| 48   | 35,308427 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=104, hop limit=0 (request in 47) |
| 49   | 35,658968 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=105, hop limit=0 (reply in 51) |
| 50   | 36,659641 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=106, hop limit=0               |
| 51   | 36,745434 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=105, hop limit=0 (request in 49) |
| 52   | 37,661572 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=107, hop limit=0               |
| 53   | 38,669752 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=108, hop limit=0               |
| 54   | 39,677694 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=109, hop limit=0 (reply in 56) |
| 55   | 40,685693 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=110, hop limit=0               |
| 56   | 41,213471 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=109, hop limit=0 (request in 54) |
| 57   | 41,687174 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=111, hop limit=0 (reply in 58) |
| 58   | 42,64251  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=111, hop limit=0 (request in 57) |
| 59   | 42,686745 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=112, hop limit=0               |
| 60   | 43,693737 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=113, hop limit=0               |
| 61   | 44,701757 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=114, hop limit=0               |
| 62   | 45,709725 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=115, hop limit=0               |
| 63   | 46,717753 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=116, hop limit=0 (reply in 65) |
| 64   | 47,725739 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=117, hop limit=0               |
| 65   | 48,146576 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=116, hop limit=0 (request in 63) |
| 66   | 48,726388 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=118, hop limit=0 (reply in 67) |
| 67   | 49,572599 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=118, hop limit=0 (request in 66) |
| 68   | 49,725972 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=119, hop limit=0 (reply in 70) |
| 69   | 50,733754 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=120, hop limit=0               |
| 70   | 51,015614 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=119, hop limit=0 (request in 68) |
| 71   | 51,734541 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=121, hop limit=0 (reply in 72) |
| 72   | 52,442635 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=121, hop limit=0 (request in 71) |
| 73   | 52,735147 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=122, hop limit=0               |
| 74   | 53,741802 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=123, hop limit=0               |
| 75   | 54,749697 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=124, hop limit=0 (reply in 77) |
| 76   | 55,757749 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=125, hop limit=0               |
| 77   | 55,920668 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=124, hop limit=0 (request in 75) |
| 78   | 56,758707 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=126, hop limit=0 (reply in 80) |
| 79   | 57,765733 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=127, hop limit=0               |
| 80   | 58,348701 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=126, hop limit=0 (request in 78) |
| 81   | 58,766331 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=128, hop limit=0               |
| 82   | 59,773735 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=129, hop limit=0               |
| 83   | 60,781767 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=130, hop limit=0 (reply in 85) |
| 84   | 61,789798 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=131, hop limit=0               |
| 85   | 61,805746 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=130, hop limit=0 (request in 83) |
| 86   | 62,790946 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=132, hop limit=0               |
| 87   | 63,797753 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=133, hop limit=0 (reply in 89) |
| 88   | 64,805718 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=134, hop limit=0               |
| 89   | 65,302785 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=133, hop limit=0 (request in 87) |
| 90   | 65,806526 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=135, hop limit=0 (reply in 91) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO LPL DE 1024 ms A 65 m |           |           |             |          |        |  |
|--|-----------|-----------|-------------|----------|--------|--|
| No.  | Time      | Source    | Destination | Protocol | Length | Info   |
| 91   | 66,736809 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=135, hop limit=0 (request in 90)  |
| 92   | 66,806097 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=136, hop limit=0 (reply in 94)  |
| 93   | 67,813719 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=137, hop limit=0                |
| 94   | 68,166816 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=136, hop limit=0 (request in 92)  |
| 95   | 68,814682 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=138, hop limit=0 (reply in 96)  |
| 96   | 69,602843 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=138, hop limit=0 (request in 95)  |
| 97   | 69,814061 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=139, hop limit=0                |
| 98   | 70,821748 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=140, hop limit=0                |
| 99   | 71,829746 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=141, hop limit=0 (reply in 101) |
| 100  | 72,837746 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=142, hop limit=0                |
| 101  | 73,078853 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=141, hop limit=0 (request in 99)  |
| 102  | 73,838798 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=143, hop limit=0 (reply in 103) |
| 103  | 74,487843 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=143, hop limit=0 (request in 102) |
| 104  | 74,839323 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=144, hop limit=0                |
| 105  | 75,845695 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=145, hop limit=0                |
| 106  | 76,85372  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=146, hop limit=0 (reply in 108) |
| 107  | 77,86173  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=147, hop limit=0                |
| 108  | 77,94694  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=146, hop limit=0 (request in 106) |
| 109  | 78,863076 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=148, hop limit=0                |
| 110  | 79,86974  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=149, hop limit=0                |
| 111  | 80,877747 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=150, hop limit=0 (reply in 113) |
| 112  | 81,885753 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=151, hop limit=0                |
| 113  | 82,434972 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=150, hop limit=0 (request in 111) |
| 114  | 82,886563 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=152, hop limit=0                |
| 115  | 83,893725 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=153, hop limit=0                |
| 116  | 84,901753 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=154, hop limit=0 (reply in 117) |
| 117  | 85,88904  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=154, hop limit=0 (request in 116) |
| 118  | 85,901311 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=155, hop limit=0 (reply in 120) |
| 119  | 86,909757 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=156, hop limit=0                |
| 120  | 87,368024 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=155, hop limit=0 (request in 118) |
| 121  | 87,91076  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=157, hop limit=0 (reply in 122) |
| 122  | 88,796069 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=157, hop limit=0 (request in 121) |
| 123  | 88,910422 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=158, hop limit=0                |
| 124  | 89,917723 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=159, hop limit=0                |
| 125  | 90,925723 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=160, hop limit=0 (reply in 127) |
| 126  | 91,933723 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=161, hop limit=0                |
| 127  | 92,245114 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=160, hop limit=0 (request in 125) |
| 128  | 92,934984 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=162, hop limit=0 (reply in 129) |
| 129  | 93,680108 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=162, hop limit=0 (request in 128) |
| 130  | 93,934505 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=163, hop limit=0 (reply in 132) |
| 131  | 94,941788 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=164, hop limit=0                |
| 132  | 95,138143 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=163, hop limit=0 (request in 130) |
| 133  | 95,943199 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=165, hop limit=0                |
| 134  | 96,949713 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=166, hop limit=0                |
| 135  | 97,957685 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=167, hop limit=0 (reply in 136) |



| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO LPL DE 1024 ms A 65 m |            |           |             |          |        |  |
|--|------------|-----------|-------------|----------|--------|--|
| No.  | Time       | Source    | Destination | Protocol | Length | Info   |
| 136  | 98,565198  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=167, hop limit=0 (request in 135) |
| 137  | 98,957804  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=168, hop limit=0 (reply in 139) |
| 138  | 99,96575   | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=169, hop limit=0                |
| 139  | 99,998181  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=168, hop limit=0 (request in 137) |
| 140  | 100,967187 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=170, hop limit=0                |
| 141  | 101,967658 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=171, hop limit=0                |
| 142  | 102,967622 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=172, hop limit=0 (reply in 144) |
| 143  | 103,967653 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=173, hop limit=0                |
| 144  | 104,500234 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=172, hop limit=0 (request in 142) |
| 145  | 104,968886 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=174, hop limit=0 (reply in 146) |
| 146  | 105,924285 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=174, hop limit=0 (request in 145) |
| 147  | 105,968522 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=175, hop limit=0                |
| 148  | 106,96766  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=176, hop limit=0                |
| 149  | 107,967654 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=177, hop limit=0 (reply in 151) |
| 150  | 108,967629 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=178, hop limit=0                |
| 151  | 109,427318 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=177, hop limit=0 (request in 149) |
| 152  | 109,96904  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=179, hop limit=0 (reply in 153) |
| 153  | 110,856343 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=179, hop limit=0 (request in 152) |
| 154  | 110,968675 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=180, hop limit=0                |
| 155  | 111,977746 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=181, hop limit=0                |
| 156  | 112,985747 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=182, hop limit=0 (reply in 158) |
| 157  | 113,993726 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=183, hop limit=0                |
| 158  | 114,330379 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=182, hop limit=0 (request in 156) |
| 159  | 114,995276 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=184, hop limit=0 (reply in 160) |
| 160  | 115,756404 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=184, hop limit=0 (request in 159) |
| 161  | 115,994872 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=185, hop limit=0 (reply in 163) |
| 162  | 117,001749 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=186, hop limit=0                |
| 163  | 117,20041  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=185, hop limit=0 (request in 161) |
| 164  | 118,003431 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=187, hop limit=0 (reply in 165) |
| 165  | 118,624401 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=187, hop limit=0 (request in 164) |
| 166  | 119,002949 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=188, hop limit=0 (reply in 168) |
| 167  | 120,009752 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=189, hop limit=0                |
| 168  | 120,056448 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=188, hop limit=0 (request in 166) |
| 169  | 121,011633 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=190, hop limit=0                |
| 170  | 122,015655 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=191, hop limit=0                |
| 171  | 123,015658 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=192, hop limit=0                |
| 172  | 124,015626 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=193, hop limit=0 (reply in 174) |
| 173  | 125,015648 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=194, hop limit=0                |
| 174  | 125,551492 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=193, hop limit=0 (request in 172) |
| 175  | 126,016162 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=195, hop limit=0 (reply in 176) |
| 176  | 126,988541 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=195, hop limit=0 (request in 175) |
| 177  | 127,015813 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=196, hop limit=0 (reply in 179) |
| 178  | 128,019657 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=197, hop limit=0                |
| 179  | 128,475568 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=196, hop limit=0 (request in 177) |
| 180  | 129,020331 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=198, hop limit=0                |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO LPL DE 1024 ms A 65 m |            |           |             |          |        |  |
|--|------------|-----------|-------------|----------|--------|--|
| No.  | Time       | Source    | Destination | Protocol | Length | Info   |
| 181  | 130,019643 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=199, hop limit=0                |
| 182  | 131,019644 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=200, hop limit=0 (reply in 183) |
| 183  | 131,921596 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=200, hop limit=0 (request in 182) |
| 184  | 132,01892  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=201, hop limit=0 (reply in 186) |
| 185  | 133,025763 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=202, hop limit=0                |
| 186  | 133,372611 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=201, hop limit=0 (request in 184) |
| 187  | 134,033756 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=203, hop limit=0 (reply in 188) |
| 188  | 134,808634 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=203, hop limit=0 (request in 187) |
| 189  | 135,033085 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=204, hop limit=0 (reply in 191) |
| 190  | 136,041804 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=205, hop limit=0                |
| 191  | 136,271705 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=204, hop limit=0 (request in 189) |
| 192  | 137,049761 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=206, hop limit=0 (reply in 193) |
| 193  | 137,685666 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=206, hop limit=0 (request in 192) |
| 194  | 138,049258 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=207, hop limit=0                |
| 195  | 139,051669 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=208, hop limit=0                |
| 196  | 140,051645 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=209, hop limit=0 (reply in 198) |
| 197  | 141,051651 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=210, hop limit=0                |
| 198  | 141,138696 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=209, hop limit=0 (request in 196) |
| 199  | 142,052819 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=211, hop limit=0                |
| 200  | 143,061754 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=212, hop limit=0                |
| 201  | 144,069776 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=213, hop limit=0 (reply in 203) |
| 202  | 145,077754 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=214, hop limit=0                |
| 203  | 145,620757 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=213, hop limit=0 (request in 201) |
| 204  | 146,077417 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=215, hop limit=0 (reply in 205) |
| 205  | 147,047781 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=215, hop limit=0 (request in 204) |
| 206  | 147,077051 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=216, hop limit=0 (reply in 208) |
| 207  | 148,085775 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=217, hop limit=0                |
| 208  | 148,541793 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=216, hop limit=0 (request in 206) |
| 209  | 149,085383 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=218, hop limit=0 (reply in 210) |
| 210  | 149,973811 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=218, hop limit=0 (request in 209) |
| 211  | 150,085141 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=219, hop limit=0 (reply in 213) |
| 212  | 151,093724 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=220, hop limit=0                |
| 213  | 151,404834 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=219, hop limit=0 (request in 211) |
| 214  | 152,094778 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=221, hop limit=0 (reply in 215) |
| 215  | 152,841845 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=221, hop limit=0 (request in 214) |
| 216  | 153,094329 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=222, hop limit=0 (reply in 218) |
| 217  | 154,101751 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=223, hop limit=0                |
| 218  | 154,299634 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=222, hop limit=0 (request in 216) |
| 219  | 155,10249  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=224, hop limit=0 (reply in 220) |
| 220  | 155,709886 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=224, hop limit=0 (request in 219) |
| 221  | 156,102503 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=225, hop limit=0 (reply in 223) |
| 222  | 157,109747 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=226, hop limit=0                |
| 223  | 157,149897 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=225, hop limit=0 (request in 221) |
| 224  | 158,111076 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=227, hop limit=0                |
| 225  | 159,117761 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=228, hop limit=0                |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO LPL DE 1024 ms A 65 m |            |           |             |          |        |  |
|--|------------|-----------|-------------|----------|--------|--|
| No.  | Time       | Source    | Destination | Protocol | Length | Info   |
| 226  | 160,12575  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=229, hop limit=0                |
| 227  | 161,133744 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=230, hop limit=0                |
| 228  | 162,141752 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=231, hop limit=0                |
| 229  | 163,149753 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=232, hop limit=0 (reply in 231) |
| 230  | 164,15775  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=233, hop limit=0                |
| 231  | 164,683993 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=232, hop limit=0 (request in 229) |
| 232  | 165,157701 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=234, hop limit=0                |
| 233  | 166,165726 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=235, hop limit=0                |
| 234  | 167,173721 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=236, hop limit=0 (reply in 235) |
| 235  | 168,128035 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=236, hop limit=0 (request in 234) |
| 236  | 168,1733   | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=237, hop limit=0                |
| 237  | 169,181776 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=238, hop limit=0                |
| 238  | 170,18976  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=239, hop limit=0                |
| 239  | 171,197746 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=240, hop limit=0                |
| 240  | 172,205761 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=241, hop limit=0 (reply in 242) |
| 241  | 173,213722 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=242, hop limit=0                |
| 242  | 173,748067 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=241, hop limit=0 (request in 240) |
| 243  | 174,213683 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=243, hop limit=0                |
| 244  | 175,221743 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=244, hop limit=0                |
| 245  | 176,229742 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=245, hop limit=0 (reply in 246) |
| 246  | 177,198145 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=245, hop limit=0 (request in 245) |
| 247  | 177,229403 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=246, hop limit=0 (reply in 249) |
| 248  | 178,237688 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=247, hop limit=0                |
| 249  | 178,679138 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=246, hop limit=0 (request in 247) |
| 250  | 179,237845 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=248, hop limit=0                |
| 251  | 180,245689 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=249, hop limit=0                |
| 252  | 181,253748 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=250, hop limit=0 (reply in 253) |
| 253  | 182,1242   | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=250, hop limit=0 (request in 252) |
| 254  | 182,253521 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=251, hop limit=0 (reply in 256) |
| 255  | 183,26176  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=252, hop limit=0                |
| 256  | 183,553216 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=251, hop limit=0 (request in 254) |
| 257  | 184,262185 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=253, hop limit=0 (reply in 258) |
| 258  | 184,984208 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=253, hop limit=0 (request in 257) |
| 259  | 185,261709 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=254, hop limit=0                |
| 260  | 186,269751 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=255, hop limit=0                |
| 261  | 187,27775  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=256, hop limit=0 (reply in 263) |
| 262  | 188,285789 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=257, hop limit=0                |
| 263  | 188,46428  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=256, hop limit=0 (request in 261) |
| 264  | 189,28734  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=258, hop limit=0                |
| 265  | 190,287642 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=259, hop limit=0                |
| 266  | 191,287673 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=260, hop limit=0 (reply in 267) |
| 267  | 191,89429  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=260, hop limit=0 (request in 266) |
| 268  | 192,287836 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=261, hop limit=0                |
| 269  | 193,28766  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=262, hop limit=0                |
| 270  | 194,287656 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=263, hop limit=0 (reply in 272) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO LPL DE 1024 ms A 65 m |            |           |             |          |        |  |
|--|------------|-----------|-------------|----------|--------|--|
| No.  | Time       | Source    | Destination | Protocol | Length | Info   |
| 271  | 195,287647 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=264, hop limit=0                |
| 272  | 195,343369 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=263, hop limit=0 (request in 270) |
| 273  | 196,289416 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=265, hop limit=0                |
| 274  | 197,297772 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=266, hop limit=0                |
| 275  | 198,305753 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=267, hop limit=0                |
| 276  | 199,31369  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=268, hop limit=0                |
| 277  | 200,32176  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=269, hop limit=0 (reply in 279) |
| 278  | 201,329719 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=270, hop limit=0                |
| 279  | 201,918446 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=269, hop limit=0 (request in 277) |
| 280  | 202,330091 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=271, hop limit=0 (reply in 282) |
| 281  | 203,337743 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=272, hop limit=0 (reply in 284) |
| 282  | 203,352456 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=271, hop limit=0 (request in 280) |
| 283  | 204,339641 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=273, hop limit=0                |
| 284  | 204,836433 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=272, hop limit=0 (request in 281) |
| 285  | 205,340088 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=274, hop limit=0 (reply in 286) |
| 286  | 206,268495 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=274, hop limit=0 (request in 285) |
| 287  | 206,339792 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=275, hop limit=0 (reply in 289) |
| 288  | 207,339655 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=276, hop limit=0 (reply in 290) |
| 289  | 207,784515 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=275, hop limit=0 (request in 287) |
| 290  | 208,015481 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=276, hop limit=0 (request in 288) |
| 291  | 208,340008 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=277, hop limit=0 (reply in 293) |
| 292  | 209,339683 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=278, hop limit=0                |
| 293  | 209,463524 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=277, hop limit=0 (request in 291) |
| 294  | 210,340649 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=279, hop limit=0                |
| 295  | 211,34366  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=280, hop limit=0                |
| 296  | 212,347621 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=281, hop limit=0 (reply in 298) |
| 297  | 213,347674 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=282, hop limit=0                |
| 298  | 213,923593 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=281, hop limit=0 (request in 296) |
| 299  | 214,347256 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=283, hop limit=0 (reply in 301) |
| 300  | 215,353785 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=284, hop limit=0                |
| 301  | 215,365614 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=283, hop limit=0 (request in 299) |
| 302  | 216,355413 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=285, hop limit=0                |
| 303  | 217,361772 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=286, hop limit=0 (reply in 305) |
| 304  | 218,369709 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=287, hop limit=0                |
| 305  | 218,863648 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=286, hop limit=0 (request in 303) |
| 306  | 219,369376 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=288, hop limit=0                |
| 307  | 220,377776 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=289, hop limit=0                |
| 308  | 221,385741 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=290, hop limit=0 (reply in 309) |
| 309  | 222,31166  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=290, hop limit=0 (request in 308) |
| 310  | 222,384953 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=291, hop limit=0 (reply in 312) |
| 311  | 223,393744 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=292, hop limit=0 (reply in 313) |
| 312  | 223,83568  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=291, hop limit=0 (request in 310) |
| 313  | 224,064709 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=292, hop limit=0 (request in 311) |
| 314  | 224,393252 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=293, hop limit=0 (reply in 316) |
| 315  | 225,40176  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=294, hop limit=0                |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO LPL DE 1024 ms A 65 m |            |           |             |          |        |  |
|--|------------|-----------|-------------|----------|--------|--|
| No.  | Time       | Source    | Destination | Protocol | Length | Info   |
| 316  | 225,508724 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=293, hop limit=0 (request in 314) |
| 317  | 226,401837 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=295, hop limit=0                |
| 318  | 227,409749 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=296, hop limit=0 (reply in 320) |
| 319  | 228,417746 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=297, hop limit=0                |
| 320  | 228,96576  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=296, hop limit=0 (request in 318) |
| 321  | 229,417411 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=298, hop limit=0                |
| 322  | 230,425742 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=299, hop limit=0                |
| 323  | 231,433687 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=300, hop limit=0                |
| 324  | 232,441717 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=301, hop limit=0                |
| 325  | 233,44974  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=302, hop limit=0 (reply in 326) |
| 326  | 234,433839 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=302, hop limit=0 (request in 325) |
| 327  | 234,449102 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=303, hop limit=0 (reply in 329) |
| 328  | 235,457743 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=304, hop limit=0                |
| 329  | 235,913858 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=303, hop limit=0 (request in 327) |
| 330  | 236,457613 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=305, hop limit=0                |
| 331  | 237,465756 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=306, hop limit=0                |
| 332  | 238,473751 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=307, hop limit=0 (reply in 333) |
| 333  | 239,370898 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=307, hop limit=0 (request in 332) |
| 334  | 239,473226 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=308, hop limit=0 (reply in 336) |
| 335  | 240,475646 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=309, hop limit=0                |
| 336  | 240,820885 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=308, hop limit=0 (request in 334) |
| 337  | 241,475644 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=310, hop limit=0                |
| 338  | 242,475651 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=311, hop limit=0                |
| 339  | 243,475619 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=312, hop limit=0 (reply in 340) |
| 340  | 244,266957 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=312, hop limit=0 (request in 339) |
| 341  | 244,475389 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=313, hop limit=0 (reply in 343) |
| 342  | 245,481761 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=314, hop limit=0                |
| 343  | 245,71197  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=313, hop limit=0 (request in 341) |
| 344  | 246,481985 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=315, hop limit=0 (reply in 345) |
| 345  | 247,134988 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=315, hop limit=0 (request in 344) |
| 346  | 247,481563 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=316, hop limit=0 (reply in 348) |
| 347  | 248,489758 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=317, hop limit=0                |
| 348  | 248,570007 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=316, hop limit=0 (request in 346) |
| 349  | 249,489399 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=318, hop limit=0                |
| 350  | 250,497771 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=319, hop limit=0                |
| 351  | 251,505752 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=320, hop limit=0 (reply in 353) |
| 352  | 252,513748 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=321, hop limit=0                |
| 353  | 253,040055 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=320, hop limit=0 (request in 351) |
| 354  | 253,514733 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=322, hop limit=0 (reply in 355) |
| 355  | 254,475074 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=322, hop limit=0 (request in 354) |
| 356  | 254,515332 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=323, hop limit=0 (reply in 358) |
| 357  | 255,521757 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=324, hop limit=0                |
| 358  | 255,932085 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=323, hop limit=0 (request in 356) |
| 359  | 256,522888 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=325, hop limit=0                |
| 360  | 257,529746 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=326, hop limit=0                |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO LPL DE 1024 ms A 65 m |            |           |             |          |        |  |
|--|------------|-----------|-------------|----------|--------|--|
| No.  | Time       | Source    | Destination | Protocol | Length | Info   |
| 361  | 258,537745 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=327, hop limit=0                |
| 362  | 259,545758 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=328, hop limit=0 (reply in 364) |
| 363  | 260,55375  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=329, hop limit=0                |
| 364  | 260,656152 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=328, hop limit=0 (request in 362) |
| 365  | 261,555227 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=330, hop limit=0                |
| 366  | 262,561761 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=331, hop limit=0                |
| 367  | 263,569719 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=332, hop limit=0                |
| 368  | 264,577748 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=333, hop limit=0                |
| 369  | 265,585748 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=334, hop limit=0                |
| 370  | 266,593753 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=335, hop limit=0 (reply in 372) |
| 371  | 267,601746 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=336, hop limit=0                |
| 372  | 267,71523  | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=335, hop limit=0 (request in 370) |
| 373  | 268,60312  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=337, hop limit=0                |
| 374  | 269,609769 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=338, hop limit=0 (reply in 376) |
| 375  | 270,617776 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=339, hop limit=0                |
| 376  | 271,163276 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=338, hop limit=0 (request in 374) |
| 377  | 271,618957 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=340, hop limit=0 (reply in 378) |
| 378  | 272,595291 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=340, hop limit=0 (request in 377) |
| 379  | 272,618528 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=341, hop limit=0 (reply in 381) |
| 380  | 273,625755 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=342, hop limit=0                |
| 381  | 274,066311 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=341, hop limit=0 (request in 379) |
| 382  | 274,627077 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=343, hop limit=0                |
| 383  | 275,633757 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=344, hop limit=0                |
| 384  | 276,641761 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=345, hop limit=0 (reply in 385) |
| 385  | 277,517354 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=345, hop limit=0 (request in 384) |
| 386  | 277,641692 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=346, hop limit=0 (reply in 388) |
| 387  | 278,649755 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=347, hop limit=0                |
| 388  | 278,947335 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=346, hop limit=0 (request in 386) |
| 389  | 279,651218 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=348, hop limit=0 (reply in 390) |
| 390  | 280,368363 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=348, hop limit=0 (request in 389) |
| 391  | 280,651651 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=349, hop limit=0                |
| 392  | 281,651649 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=350, hop limit=0                |
| 393  | 282,65165  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=351, hop limit=0 (reply in 395) |
| 394  | 283,651624 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=352, hop limit=0                |
| 395  | 283,841435 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=351, hop limit=0 (request in 393) |
| 396  | 284,653435 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=353, hop limit=0 (reply in 398) |
| 397  | 285,661791 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=354, hop limit=0                |
| 398  | 286,255466 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=353, hop limit=0 (request in 396) |
| 399  | 286,663142 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=355, hop limit=0                |
| 400  | 287,669745 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=356, hop limit=0                |
| 401  | 288,677684 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=357, hop limit=0 (reply in 403) |
| 402  | 289,685749 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=358, hop limit=0 (reply in 405) |
| 403  | 289,703494 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=357, hop limit=0 (request in 401) |
| 404  | 290,687646 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=359, hop limit=0                |
| 405  | 291,182519 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=358, hop limit=0 (request in 402) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 ENRUTAMIENTO ESTÁTICO LPL DE 1024 ms A 65 m |            |           |             |          |        |  |
|--|------------|-----------|-------------|----------|--------|--|
| No.  | Time       | Source    | Destination | Protocol | Length | Info   |
| 406  | 291,688261 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=360, hop limit=0 (reply in 407) |
| 407  | 292,618534 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=360, hop limit=0 (request in 406) |
| 408  | 292,687815 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=361, hop limit=0 (reply in 410) |
| 409  | 293,687644 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=362, hop limit=0 (reply in 411) |
| 410  | 294,150512 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=361, hop limit=0 (request in 408) |
| 411  | 294,360564 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=362, hop limit=0 (request in 409) |
| 412  | 294,688124 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=363, hop limit=0                |
| 413  | 295,687661 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=364, hop limit=0                |
| 414  | 296,68764  | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=365, hop limit=0 (reply in 416) |
| 415  | 297,687679 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=366, hop limit=0                |
| 416  | 297,821602 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=365, hop limit=0 (request in 414) |
| 417  | 298,688642 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=367, hop limit=0 (reply in 419) |
| 418  | 299,697753 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=368, hop limit=0                |
| 419  | 300,252627 | fec0::7   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0c1b, seq=367, hop limit=0 (request in 417) |
| 420  | 300,698309 | fec0::100 | fec0::7     | ICMPv6   | 1197   | Echo (ping) request id=0x0c1b, seq=369, hop limit=0                |

**Tabla 38. Test para el nodo 7 con 6Lowpan a 65 m, y con RPL.**

| PRUEBAS ENVÍO DE PAQUETES NODO 7 CON RPL A 65 m |           |           |             |          |        |   |
|---|-----------|-----------|-------------|----------|--------|---|
| No.   | Time      | Source    | Destination | Protocol | Length | Info  |
| 1   | 0         | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=93, hop limit=0                  |
| 2   | 0,33055   | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=94, hop limit=0 (reply in 3)   |
| 3   | 0,992119  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=94, hop limit=0 (request in 2)   |
| 4   | 1,330661  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=95, hop limit=0 (reply in 5)   |
| 5   | 2,001464  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=95, hop limit=0 (request in 4)   |
| 6   | 2,331068  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=96, hop limit=0 (reply in 7)   |
| 7   | 2,987712  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=96, hop limit=0 (request in 6)   |
| 8   | 3,331253  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=97, hop limit=0 (reply in 9)   |
| 9   | 3,996169  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=97, hop limit=0 (request in 8)   |
| 10  | 4,330697  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=98, hop limit=0 (reply in 11)  |
| 11  | 4,966299  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=98, hop limit=0 (request in 10)  |
| 12  | 5,330933  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=99, hop limit=0 (reply in 13)  |
| 13  | 5,998344  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=99, hop limit=0 (request in 12)  |
| 14  | 6,330938  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=100, hop limit=0 (reply in 15) |
| 15  | 7,003623  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=100, hop limit=0 (request in 14) |
| 16  | 7,331114  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=101, hop limit=0 (reply in 17) |
| 17  | 7,978845  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=101, hop limit=0 (request in 16) |
| 18  | 8,331486  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=102, hop limit=0 (reply in 19) |
| 19  | 8,978126  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=102, hop limit=0 (request in 18) |
| 20  | 9,331682  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=103, hop limit=0 (reply in 21) |
| 21  | 10,001374 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=103, hop limit=0 (request in 20) |
| 22  | 10,331927 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=104, hop limit=0 (reply in 23) |
| 23  | 10,978628 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=104, hop limit=0 (request in 22) |
| 24  | 11,332187 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=105, hop limit=0 (reply in 25) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 CON RPL A 65 m |           |           |             |          |        |   |
|---|-----------|-----------|-------------|----------|--------|---|
| No.   | Time      | Source    | Destination | Protocol | Length | Info  |
| 25  | 12,004    | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=105, hop limit=0 (request in 24) |
| 26  | 12,332533 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=106, hop limit=0 (reply in 27) |
| 27  | 12,993173 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=106, hop limit=0 (request in 26) |
| 28  | 13,332759 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=107, hop limit=0 (reply in 29) |
| 29  | 14,01937  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=107, hop limit=0 (request in 28) |
| 30  | 14,332895 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=108, hop limit=0 (reply in 31) |
| 31  | 14,99764  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=108, hop limit=0 (request in 30) |
| 32  | 15,333179 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=109, hop limit=0 (reply in 33) |
| 33  | 16,112926 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=109, hop limit=0 (request in 32) |
| 34  | 16,333451 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=110, hop limit=0 (reply in 35) |
| 35  | 16,981301 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=110, hop limit=0 (request in 34) |
| 36  | 17,332863 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=111, hop limit=0 (reply in 37) |
| 37  | 18,127426 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=111, hop limit=0 (request in 36) |
| 38  | 18,332866 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=112, hop limit=0 (reply in 39) |
| 39  | 18,994803 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=112, hop limit=0 (request in 38) |
| 40  | 19,33236  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=113, hop limit=0 (reply in 41) |
| 41  | 20,138006 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=113, hop limit=0 (request in 40) |
| 42  | 20,332366 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=114, hop limit=0 (reply in 43) |
| 43  | 20,989391 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=114, hop limit=0 (request in 42) |
| 44  | 21,331935 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=115, hop limit=0 (reply in 45) |
| 45  | 21,989678 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=115, hop limit=0 (request in 44) |
| 46  | 22,332288 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=116, hop limit=0 (reply in 47) |
| 47  | 22,997054 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=116, hop limit=0 (request in 46) |
| 48  | 23,332637 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=117, hop limit=0 (reply in 49) |
| 49  | 24,005139 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=117, hop limit=0 (request in 48) |
| 50  | 24,332727 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=118, hop limit=0 (reply in 51) |
| 51  | 25,001559 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=118, hop limit=0 (request in 50) |
| 52  | 25,332181 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=119, hop limit=0 (reply in 53) |
| 53  | 25,994807 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=119, hop limit=0 (request in 52) |
| 54  | 26,332376 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=120, hop limit=0 (reply in 55) |
| 55  | 27,003057 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=120, hop limit=0 (request in 54) |
| 56  | 27,332666 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=121, hop limit=0 (reply in 57) |
| 57  | 28,008437 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=121, hop limit=0 (request in 56) |
| 58  | 28,33305  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=122, hop limit=0 (reply in 59) |
| 59  | 28,994687 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=122, hop limit=0 (request in 58) |
| 60  | 29,333255 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=123, hop limit=0 (reply in 61) |
| 61  | 29,973887 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=123, hop limit=0 (request in 60) |
| 62  | 30,333462 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=124, hop limit=0 (reply in 63) |
| 63  | 31,011228 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=124, hop limit=0 (request in 62) |
| 64  | 31,333837 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=125, hop limit=0 (reply in 65) |
| 65  | 32,004485 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=125, hop limit=0 (request in 64) |
| 66  | 32,334096 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=126, hop limit=0 (reply in 67) |
| 67  | 32,99773  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=126, hop limit=0 (request in 66) |
| 68  | 33,334326 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=127, hop limit=0 (reply in 69) |
| 69  | 34,015063 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=127, hop limit=0 (request in 68) |



| PRUEBAS ENVÍO DE PAQUETES NODO 7 CON RPL A 65 m |           |           |             |          |        |  |
|---|-----------|-----------|-------------|----------|--------|--|
| No.   | Time      | Source    | Destination | Protocol | Length | Info   |
| 70  | 34,334647 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=128, hop limit=0 (reply in 71)  |
| 71  | 34,995329 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=128, hop limit=0 (request in 70)  |
| 72  | 35,33482  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=129, hop limit=0 (reply in 73)  |
| 73  | 36,012686 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=129, hop limit=0 (request in 72)  |
| 74  | 36,334298 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=130, hop limit=0 (reply in 75)  |
| 75  | 36,983937 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=130, hop limit=0 (request in 74)  |
| 76  | 37,334522 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=131, hop limit=0 (reply in 77)  |
| 77  | 38,017186 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=131, hop limit=0 (request in 76)  |
| 78  | 38,33479  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=132, hop limit=0 (reply in 79)  |
| 79  | 38,999437 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=132, hop limit=0 (request in 78)  |
| 80  | 39,335053 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=133, hop limit=0 (reply in 81)  |
| 81  | 39,999703 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=133, hop limit=0 (request in 80)  |
| 82  | 40,335331 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=134, hop limit=0 (reply in 83)  |
| 83  | 40,970891 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=134, hop limit=0 (request in 82)  |
| 84  | 41,335456 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=135, hop limit=0 (reply in 85)  |
| 85  | 42,000188 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=135, hop limit=0 (request in 84)  |
| 86  | 42,335807 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=136, hop limit=0 (reply in 87)  |
| 87  | 42,998382 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=136, hop limit=0 (request in 86)  |
| 88  | 43,335906 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=137, hop limit=0 (reply in 89)  |
| 89  | 44,029735 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=137, hop limit=0 (request in 88)  |
| 90  | 44,336251 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=138, hop limit=0 (reply in 91)  |
| 91  | 44,980017 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=138, hop limit=0 (request in 90)  |
| 92  | 45,336582 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=139, hop limit=0 (reply in 93)  |
| 93  | 46,026318 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=139, hop limit=0 (request in 92)  |
| 94  | 46,336913 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=140, hop limit=0 (reply in 95)  |
| 95  | 47,005521 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=140, hop limit=0 (request in 94)  |
| 96  | 47,337062 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=141, hop limit=0 (reply in 97)  |
| 97  | 47,993818 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=141, hop limit=0 (request in 96)  |
| 98  | 48,337418 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=142, hop limit=0 (reply in 99)  |
| 99  | 48,990192 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=142, hop limit=0 (request in 98)  |
| 100   | 49,337807 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=143, hop limit=0 (reply in 101) |
| 101   | 50,004446 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=143, hop limit=0 (request in 100) |
| 102   | 50,338036 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=144, hop limit=0 (reply in 103) |
| 103   | 51,001817 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=144, hop limit=0 (request in 102) |
| 104   | 51,338296 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=145, hop limit=0 (reply in 105) |
| 105   | 51,985073 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=145, hop limit=0 (request in 104) |
| 106   | 52,338662 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=146, hop limit=0 (reply in 107) |
| 107   | 53,018326 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=146, hop limit=0 (request in 106) |
| 108   | 53,338867 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=147, hop limit=0 (reply in 109) |
| 109   | 54,005702 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=147, hop limit=0 (request in 108) |
| 110   | 54,339236 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=148, hop limit=0 (reply in 111) |
| 111   | 54,996947 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=148, hop limit=0 (request in 110) |
| 112   | 55,339513 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=149, hop limit=0 (reply in 113) |
| 113   | 56,019148 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=149, hop limit=0 (request in 112) |
| 114   | 56,339598 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=150, hop limit=0 (reply in 115) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 CON RPL A 65 m |           |           |             |          |        |  |
|---|-----------|-----------|-------------|----------|--------|--|
| No.   | Time      | Source    | Destination | Protocol | Length | Info   |
| 115   | 56,985398 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=150, hop limit=0 (request in 114) |
| 116   | 57,339954 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=151, hop limit=0 (reply in 117) |
| 117   | 58,002654 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=151, hop limit=0 (request in 116) |
| 118   | 58,340176 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=152, hop limit=0 (reply in 119) |
| 119   | 59,027024 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=152, hop limit=0 (request in 118) |
| 120   | 59,340515 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=153, hop limit=0 (reply in 121) |
| 121   | 60,022203 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=153, hop limit=0 (request in 120) |
| 122   | 60,340795 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=154, hop limit=0 (reply in 123) |
| 123   | 60,988533 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=154, hop limit=0 (request in 122) |
| 124   | 61,341019 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=155, hop limit=0 (reply in 125) |
| 125   | 61,986723 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=155, hop limit=0 (request in 124) |
| 126   | 62,341326 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=156, hop limit=0 (reply in 127) |
| 127   | 63,001028 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=156, hop limit=0 (request in 126) |
| 128   | 63,34157  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=157, hop limit=0 (reply in 129) |
| 129   | 64,010325 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=157, hop limit=0 (request in 128) |
| 130   | 64,341923 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=158, hop limit=0 (reply in 131) |
| 131   | 64,985705 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=158, hop limit=0 (request in 130) |
| 132   | 65,342297 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=159, hop limit=0 (reply in 133) |
| 133   | 66,007905 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=159, hop limit=0 (request in 132) |
| 134   | 66,342394 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=160, hop limit=0 (reply in 135) |
| 135   | 67,006155 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=160, hop limit=0 (request in 134) |
| 136   | 67,342644 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=161, hop limit=0 (reply in 137) |
| 137   | 68,001373 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=161, hop limit=0 (request in 136) |
| 138   | 68,342987 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=162, hop limit=0 (reply in 139) |
| 139   | 68,991655 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=162, hop limit=0 (request in 138) |
| 140   | 69,343198 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=163, hop limit=0 (reply in 141) |
| 141   | 69,993905 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=163, hop limit=0 (request in 140) |
| 142   | 70,343449 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=164, hop limit=0 (reply in 143) |
| 143   | 71,006157 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=164, hop limit=0 (request in 142) |
| 144   | 71,343648 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=165, hop limit=0 (reply in 145) |
| 145   | 72,013376 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=165, hop limit=0 (request in 144) |
| 146   | 72,34393  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=166, hop limit=0 (reply in 147) |
| 147   | 73,014834 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=166, hop limit=0 (request in 146) |
| 148   | 73,343401 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=167, hop limit=0 (reply in 149) |
| 149   | 73,990004 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=167, hop limit=0 (request in 148) |
| 150   | 74,343504 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=168, hop limit=0 (reply in 151) |
| 151   | 74,995245 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=168, hop limit=0 (request in 150) |
| 152   | 75,343755 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=169, hop limit=0 (reply in 153) |
| 153   | 76,008536 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=169, hop limit=0 (request in 152) |
| 154   | 76,344054 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=170, hop limit=0 (reply in 155) |
| 155   | 77,008784 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=170, hop limit=0 (request in 154) |
| 156   | 77,344252 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=171, hop limit=0 (reply in 157) |
| 157   | 78,009123 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=171, hop limit=0 (request in 156) |
| 158   | 78,344628 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=172, hop limit=0 (reply in 159) |
| 159   | 79,002411 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=172, hop limit=0 (request in 158) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 CON RPL A 65 m |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 160   | 79,344923  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=173, hop limit=0 (reply in 161) |
| 161   | 79,994663  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=173, hop limit=0 (request in 160) |
| 162   | 80,345218  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=174, hop limit=0 (reply in 163) |
| 163   | 81,002031  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=174, hop limit=0 (request in 162) |
| 164   | 81,345648  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=175, hop limit=0 (reply in 165) |
| 165   | 82,007334  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=175, hop limit=0 (request in 164) |
| 166   | 82,34593   | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=176, hop limit=0 (reply in 167) |
| 167   | 83,017436  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=176, hop limit=0 (request in 166) |
| 168   | 83,346003  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=177, hop limit=0 (reply in 169) |
| 169   | 83,99974   | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=177, hop limit=0 (request in 168) |
| 170   | 84,346245  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=178, hop limit=0 (reply in 171) |
| 171   | 85,026978  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=178, hop limit=0 (request in 170) |
| 172   | 85,346468  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=179, hop limit=0 (reply in 173) |
| 173   | 86,006121  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=179, hop limit=0 (request in 172) |
| 174   | 86,346684  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=180, hop limit=0 (reply in 175) |
| 175   | 87,026541  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=180, hop limit=0 (request in 174) |
| 176   | 87,347019  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=181, hop limit=0 (reply in 177) |
| 177   | 88,00679   | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=181, hop limit=0 (request in 176) |
| 178   | 88,346951  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=182, hop limit=0 (reply in 179) |
| 179   | 89,010041  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=182, hop limit=0 (request in 178) |
| 180   | 89,346529  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=183, hop limit=0 (reply in 181) |
| 181   | 90,029165  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=183, hop limit=0 (request in 180) |
| 182   | 90,346652  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=184, hop limit=0 (reply in 183) |
| 183   | 91,055465  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=184, hop limit=0 (request in 182) |
| 184   | 91,346989  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=185, hop limit=0 (reply in 185) |
| 185   | 92,027667  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=185, hop limit=0 (request in 184) |
| 186   | 92,347141  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=186, hop limit=0 (reply in 187) |
| 187   | 93,004035  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=186, hop limit=0 (request in 186) |
| 188   | 93,34658   | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=187, hop limit=0 (reply in 189) |
| 189   | 94,014169  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=187, hop limit=0 (request in 188) |
| 190   | 94,346704  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=188, hop limit=0 (reply in 191) |
| 191   | 95,018489  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=188, hop limit=0 (request in 190) |
| 192   | 95,346944  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=189, hop limit=0 (reply in 193) |
| 193   | 96,001843  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=189, hop limit=0 (request in 192) |
| 194   | 96,346416  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=190, hop limit=0 (reply in 195) |
| 195   | 97,001043  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=190, hop limit=0 (request in 194) |
| 196   | 97,346588  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=191, hop limit=0 (reply in 197) |
| 197   | 98,000331  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=191, hop limit=0 (request in 196) |
| 198   | 98,346865  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=192, hop limit=0 (reply in 199) |
| 199   | 98,993494  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=192, hop limit=0 (request in 198) |
| 200   | 99,347007  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=193, hop limit=0 (reply in 201) |
| 201   | 100,008795 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=193, hop limit=0 (request in 200) |
| 202   | 100,347261 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=194, hop limit=0 (reply in 203) |
| 203   | 100,996122 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=194, hop limit=0 (request in 202) |
| 204   | 101,347672 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=195, hop limit=0 (reply in 205) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 CON RPL A 65 m |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 205   | 102,005408 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=195, hop limit=0 (request in 204) |
| 206   | 102,347956 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=196, hop limit=0 (reply in 207) |
| 207   | 103,037675 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=196, hop limit=0 (request in 206) |
| 208   | 103,348179 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=197, hop limit=0 (reply in 209) |
| 209   | 104,018973 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=197, hop limit=0 (request in 208) |
| 210   | 104,348536 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=198, hop limit=0 (reply in 211) |
| 211   | 105,007175 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=198, hop limit=0 (request in 210) |
| 212   | 105,348721 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=199, hop limit=0 (reply in 213) |
| 213   | 106,041472 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=199, hop limit=0 (request in 212) |
| 214   | 106,349051 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=200, hop limit=0 (reply in 215) |
| 215   | 107,028723 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=200, hop limit=0 (request in 214) |
| 216   | 107,349319 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=201, hop limit=0 (reply in 217) |
| 217   | 108,003093 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=201, hop limit=0 (request in 216) |
| 218   | 108,349659 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=202, hop limit=0 (reply in 219) |
| 219   | 109,038351 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=202, hop limit=0 (request in 218) |
| 220   | 109,349921 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=203, hop limit=0 (reply in 221) |
| 221   | 110,020594 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=203, hop limit=0 (request in 220) |
| 222   | 110,350197 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=204, hop limit=0 (reply in 223) |
| 223   | 111,014978 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=204, hop limit=0 (request in 222) |
| 224   | 111,350547 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=205, hop limit=0 (reply in 225) |
| 225   | 112,027225 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=205, hop limit=0 (request in 224) |
| 226   | 112,350776 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=206, hop limit=0 (reply in 227) |
| 227   | 113,007426 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=206, hop limit=0 (request in 226) |
| 228   | 113,350885 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=207, hop limit=0 (reply in 229) |
| 229   | 114,028808 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=207, hop limit=0 (request in 228) |
| 230   | 114,350395 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=208, hop limit=0 (reply in 231) |
| 231   | 115,014106 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=208, hop limit=0 (request in 230) |
| 232   | 115,35066  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=209, hop limit=0 (reply in 233) |
| 233   | 116,016349 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=209, hop limit=0 (request in 232) |
| 234   | 116,350952 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=210, hop limit=0 (reply in 235) |
| 235   | 117,011724 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=210, hop limit=0 (request in 234) |
| 236   | 117,351271 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=211, hop limit=0 (reply in 237) |
| 237   | 118,013987 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=211, hop limit=0 (request in 236) |
| 238   | 118,35152  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=212, hop limit=0 (reply in 239) |
| 239   | 119,017228 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=212, hop limit=0 (request in 238) |
| 240   | 119,351781 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=213, hop limit=0 (reply in 241) |
| 241   | 119,995433 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=213, hop limit=0 (request in 240) |
| 242   | 120,351965 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=214, hop limit=0 (reply in 243) |
| 243   | 121,011824 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=214, hop limit=0 (request in 242) |
| 244   | 121,351424 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=215, hop limit=0 (reply in 245) |
| 245   | 122,016061 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=215, hop limit=0 (request in 244) |
| 246   | 122,351605 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=216, hop limit=0 (reply in 247) |
| 247   | 123,003357 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=216, hop limit=0 (request in 246) |
| 248   | 123,351931 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=217, hop limit=0 (reply in 249) |
| 249   | 124,029606 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=217, hop limit=0 (request in 248) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 CON RPL A 65 m |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 250   | 124,352154 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=218, hop limit=0 (reply in 251) |
| 251   | 125,018979 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=218, hop limit=0 (request in 250) |
| 252   | 125,352551 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=219, hop limit=0 (reply in 253) |
| 253   | 126,032232 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=219, hop limit=0 (request in 252) |
| 254   | 126,352719 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=220, hop limit=0 (reply in 255) |
| 255   | 127,013564 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=220, hop limit=0 (request in 254) |
| 256   | 127,352077 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=221, hop limit=0 (reply in 257) |
| 257   | 128,029985 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=221, hop limit=0 (request in 256) |
| 258   | 128,351486 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=222, hop limit=0 (reply in 259) |
| 259   | 129,007186 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=222, hop limit=0 (request in 258) |
| 260   | 129,351675 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=223, hop limit=0 (reply in 261) |
| 261   | 129,985606 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=223, hop limit=0 (request in 260) |
| 262   | 130,351193 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=224, hop limit=0 (reply in 263) |
| 263   | 131,019858 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=224, hop limit=0 (request in 262) |
| 264   | 131,351456 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=225, hop limit=0 (reply in 265) |
| 265   | 132,00903  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=225, hop limit=0 (request in 264) |
| 266   | 132,351582 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=226, hop limit=0 (reply in 267) |
| 267   | 132,997313 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=226, hop limit=0 (request in 266) |
| 268   | 133,351799 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=227, hop limit=0 (reply in 269) |
| 269   | 134,022615 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=227, hop limit=0 (request in 268) |
| 270   | 134,352139 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=228, hop limit=0 (reply in 271) |
| 271   | 135,01596  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=228, hop limit=0 (request in 270) |
| 272   | 135,352519 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=229, hop limit=0 (reply in 273) |
| 273   | 135,99519  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=229, hop limit=0 (request in 272) |
| 274   | 136,352679 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=230, hop limit=0 (reply in 275) |
| 275   | 137,047485 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=230, hop limit=0 (request in 274) |
| 276   | 137,352796 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=231, hop limit=0 (reply in 277) |
| 277   | 137,987767 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=231, hop limit=0 (request in 276) |
| 278   | 138,352265 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=232, hop limit=0 (reply in 279) |
| 279   | 139,006089 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=232, hop limit=0 (request in 278) |
| 280   | 139,352584 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=233, hop limit=0 (reply in 281) |
| 281   | 140,009191 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=233, hop limit=0 (request in 280) |
| 282   | 140,35266  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=234, hop limit=0 (reply in 283) |
| 283   | 141,022443 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=234, hop limit=0 (request in 282) |
| 284   | 141,352904 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=235, hop limit=0 (reply in 285) |
| 285   | 142,035745 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=235, hop limit=0 (request in 284) |
| 286   | 142,35229  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=236, hop limit=0 (reply in 287) |
| 287   | 143,030116 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=236, hop limit=0 (request in 286) |
| 288   | 143,352622 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=237, hop limit=0 (reply in 289) |
| 289   | 144,014377 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=237, hop limit=0 (request in 288) |
| 290   | 144,352913 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=238, hop limit=0 (reply in 291) |
| 291   | 145,02261  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=238, hop limit=0 (request in 290) |
| 292   | 145,353013 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=239, hop limit=0 (reply in 293) |
| 293   | 146,013868 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=239, hop limit=0 (request in 292) |
| 294   | 146,352443 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=240, hop limit=0 (reply in 295) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 CON RPL A 65 m |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 295   | 147,031195 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=240, hop limit=0 (request in 294) |
| 296   | 147,352668 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=241, hop limit=0 (reply in 297) |
| 297   | 148,006447 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=241, hop limit=0 (request in 296) |
| 298   | 148,352988 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=242, hop limit=0 (reply in 299) |
| 299   | 149,007647 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=242, hop limit=0 (request in 298) |
| 300   | 149,353135 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=243, hop limit=0 (reply in 301) |
| 301   | 150,011121 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=243, hop limit=0 (request in 300) |
| 302   | 150,352712 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=244, hop limit=0 (reply in 303) |
| 303   | 151,014324 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=244, hop limit=0 (request in 302) |
| 304   | 151,352865 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=245, hop limit=0 (reply in 305) |
| 305   | 152,007741 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=245, hop limit=0 (request in 304) |
| 306   | 152,352282 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=246, hop limit=0 (reply in 307) |
| 307   | 152,997951 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=246, hop limit=0 (request in 306) |
| 308   | 153,352434 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=247, hop limit=0 (reply in 309) |
| 309   | 153,984248 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=247, hop limit=0 (request in 308) |
| 310   | 154,352833 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=248, hop limit=0 (reply in 311) |
| 311   | 155,00947  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=248, hop limit=0 (request in 310) |
| 312   | 155,353046 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=249, hop limit=0 (reply in 313) |
| 313   | 156,009747 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=249, hop limit=0 (request in 312) |
| 314   | 156,353326 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=250, hop limit=0 (reply in 315) |
| 315   | 157,000074 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=250, hop limit=0 (request in 314) |
| 316   | 157,353587 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=251, hop limit=0 (reply in 317) |
| 317   | 157,974175 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=251, hop limit=0 (request in 316) |
| 318   | 158,353852 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=252, hop limit=0 (reply in 319) |
| 319   | 159,010457 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=252, hop limit=0 (request in 318) |
| 320   | 159,354046 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=253, hop limit=0 (reply in 321) |
| 321   | 160,005879 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=253, hop limit=0 (request in 320) |
| 322   | 160,353521 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=254, hop limit=0 (reply in 323) |
| 323   | 161,006124 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=254, hop limit=0 (request in 322) |
| 324   | 161,353682 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=255, hop limit=0 (reply in 325) |
| 325   | 161,998454 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=255, hop limit=0 (request in 324) |
| 326   | 162,354009 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=256, hop limit=0 (reply in 327) |
| 327   | 163,029749 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=256, hop limit=0 (request in 326) |
| 328   | 163,35435  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=257, hop limit=0 (reply in 329) |
| 329   | 164,014126 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=257, hop limit=0 (request in 328) |
| 330   | 164,354712 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=258, hop limit=0 (reply in 331) |
| 331   | 165,031237 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=258, hop limit=0 (request in 330) |
| 332   | 165,35482  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=259, hop limit=0 (reply in 333) |
| 333   | 166,017629 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=259, hop limit=0 (request in 332) |
| 334   | 166,355127 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=260, hop limit=0 (reply in 335) |
| 335   | 167,010783 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=260, hop limit=0 (request in 334) |
| 336   | 167,355228 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=261, hop limit=0 (reply in 337) |
| 337   | 167,991081 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=261, hop limit=0 (request in 336) |
| 338   | 168,355601 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=262, hop limit=0 (reply in 339) |
| 339   | 169,026384 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=262, hop limit=0 (request in 338) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 CON RPL A 65 m |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 340   | 169,35598  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=263, hop limit=0 (reply in 341) |
| 341   | 170,018631 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=263, hop limit=0 (request in 340) |
| 342   | 170,356229 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=264, hop limit=0 (reply in 343) |
| 343   | 170,991991 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=264, hop limit=0 (request in 342) |
| 344   | 171,356544 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=265, hop limit=0 (reply in 345) |
| 345   | 172,038084 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=265, hop limit=0 (request in 344) |
| 346   | 172,356552 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=266, hop limit=0 (reply in 347) |
| 347   | 173,017337 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=266, hop limit=0 (request in 346) |
| 348   | 173,356857 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=267, hop limit=0 (reply in 349) |
| 349   | 174,009633 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=267, hop limit=0 (request in 348) |
| 350   | 174,357252 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=268, hop limit=0 (reply in 351) |
| 351   | 175,033884 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=268, hop limit=0 (request in 350) |
| 352   | 175,357492 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=269, hop limit=0 (reply in 353) |
| 353   | 176,032134 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=269, hop limit=0 (request in 352) |
| 354   | 176,357726 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=270, hop limit=0 (reply in 355) |
| 355   | 177,051508 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=270, hop limit=0 (request in 354) |
| 356   | 177,358088 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=271, hop limit=0 (reply in 357) |
| 357   | 178,004846 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=271, hop limit=0 (request in 356) |
| 358   | 178,358445 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=272, hop limit=0 (reply in 359) |
| 359   | 179,031134 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=272, hop limit=0 (request in 358) |
| 360   | 179,358769 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=273, hop limit=0 (reply in 361) |
| 361   | 180,027337 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=273, hop limit=0 (request in 360) |
| 362   | 180,358828 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=274, hop limit=0 (reply in 363) |
| 363   | 180,994637 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=274, hop limit=0 (request in 362) |
| 364   | 181,359281 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=275, hop limit=0 (reply in 365) |
| 365   | 182,008802 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=275, hop limit=0 (request in 364) |
| 366   | 182,359415 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=276, hop limit=0 (reply in 367) |
| 367   | 183,010229 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=276, hop limit=0 (request in 366) |
| 368   | 183,358863 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=277, hop limit=0 (reply in 369) |
| 369   | 184,021431 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=277, hop limit=0 (request in 368) |
| 370   | 184,359055 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=278, hop limit=0                |
| 371   | 185,358112 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=279, hop limit=0 (reply in 372) |
| 372   | 186,013138 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=279, hop limit=0 (request in 371) |
| 373   | 186,357696 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=280, hop limit=0 (reply in 374) |
| 374   | 186,997514 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=280, hop limit=0 (request in 373) |
| 375   | 187,357082 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=281, hop limit=0 (reply in 376) |
| 376   | 188,026718 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=281, hop limit=0 (request in 375) |
| 377   | 188,357253 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=282, hop limit=0 (reply in 378) |
| 378   | 189,031889 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=282, hop limit=0 (request in 377) |
| 379   | 189,357444 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=283, hop limit=0 (reply in 380) |
| 380   | 190,015061 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=283, hop limit=0 (request in 379) |
| 381   | 190,357634 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=284, hop limit=0 (reply in 382) |
| 382   | 191,021294 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=284, hop limit=0 (request in 381) |
| 383   | 191,357753 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=285, hop limit=0 (reply in 384) |
| 384   | 192,043642 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=285, hop limit=0 (request in 383) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 CON RPL A 65 m |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 385   | 192,357098 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=286, hop limit=0 (reply in 386) |
| 386   | 193,011843 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=286, hop limit=0 (request in 385) |
| 387   | 193,357348 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=287, hop limit=0 (reply in 388) |
| 388   | 194,026102 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=287, hop limit=0 (request in 387) |
| 389   | 194,357668 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=288, hop limit=0 (reply in 390) |
| 390   | 195,009344 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=288, hop limit=0 (request in 389) |
| 391   | 195,35785  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=289, hop limit=0 (reply in 392) |
| 392   | 196,028643 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=289, hop limit=0 (request in 391) |
| 393   | 196,358202 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=290, hop limit=0 (reply in 394) |
| 394   | 197,032846 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=290, hop limit=0 (request in 393) |
| 395   | 197,358315 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=291, hop limit=0 (reply in 396) |
| 396   | 198,017157 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=291, hop limit=0 (request in 395) |
| 397   | 198,357736 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=292, hop limit=0 (reply in 398) |
| 398   | 199,031394 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=292, hop limit=0 (request in 397) |
| 399   | 199,357995 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=293, hop limit=0 (reply in 400) |
| 400   | 200,029647 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=293, hop limit=0 (request in 399) |
| 401   | 200,358228 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=294, hop limit=0 (reply in 402) |
| 402   | 201,009974 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=294, hop limit=0 (request in 401) |
| 403   | 201,358527 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=295, hop limit=0 (reply in 404) |
| 404   | 202,020263 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=295, hop limit=0 (request in 403) |
| 405   | 202,358818 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=296, hop limit=0 (reply in 406) |
| 406   | 203,036348 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=296, hop limit=0 (request in 405) |
| 407   | 203,3588   | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=297, hop limit=0 (reply in 408) |
| 408   | 204,024647 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=297, hop limit=0 (request in 407) |
| 409   | 204,359244 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=298, hop limit=0 (reply in 410) |
| 410   | 205,010023 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=298, hop limit=0 (request in 409) |
| 411   | 205,359599 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=299, hop limit=0 (reply in 412) |
| 412   | 206,016276 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=299, hop limit=0 (request in 411) |
| 413   | 206,359871 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=300, hop limit=0 (reply in 414) |
| 414   | 207,000524 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=300, hop limit=0 (request in 413) |
| 415   | 207,360109 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=301, hop limit=0 (reply in 416) |
| 416   | 208,017727 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=301, hop limit=0 (request in 415) |
| 417   | 208,360271 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=302, hop limit=0 (reply in 418) |
| 418   | 209,015101 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=302, hop limit=0 (request in 417) |
| 419   | 209,360641 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=303, hop limit=0 (reply in 420) |
| 420   | 210,038366 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=303, hop limit=0 (request in 419) |
| 421   | 210,360907 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=304, hop limit=0 (reply in 422) |
| 422   | 211,020651 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=304, hop limit=0 (request in 421) |
| 423   | 211,361229 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=305, hop limit=0 (reply in 424) |
| 424   | 212,00395  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=305, hop limit=0 (request in 423) |
| 425   | 212,361495 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=306, hop limit=0 (reply in 426) |
| 426   | 213,031279 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=306, hop limit=0 (request in 425) |
| 427   | 213,361828 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=307, hop limit=0 (reply in 428) |
| 428   | 214,012479 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=307, hop limit=0 (request in 427) |
| 429   | 214,36196  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=308, hop limit=0 (reply in 430) |



| PRUEBAS ENVÍO DE PAQUETES NODO 7 CON RPL A 65 m |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 430   | 215,00173  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=308, hop limit=0 (request in 429) |
| 431   | 215,362234 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=309, hop limit=0 (reply in 432) |
| 432   | 216,010062 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=309, hop limit=0 (request in 431) |
| 433   | 216,362637 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=310, hop limit=0 (reply in 434) |
| 434   | 217,028201 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=310, hop limit=0 (request in 433) |
| 435   | 217,36266  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=311, hop limit=0 (reply in 436) |
| 436   | 218,013657 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=311, hop limit=0 (request in 435) |
| 437   | 218,362282 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=312, hop limit=0 (reply in 438) |
| 438   | 219,045909 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=312, hop limit=0 (request in 437) |
| 439   | 219,362519 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=313, hop limit=0 (reply in 440) |
| 440   | 220,020075 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=313, hop limit=0 (request in 439) |
| 441   | 220,362673 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=314, hop limit=0 (reply in 442) |
| 442   | 221,009532 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=314, hop limit=0 (request in 441) |
| 443   | 221,362137 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=315, hop limit=0 (reply in 444) |
| 444   | 222,021782 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=315, hop limit=0 (request in 443) |
| 445   | 222,36239  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=316, hop limit=0 (reply in 446) |
| 446   | 223,011112 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=316, hop limit=0 (request in 445) |
| 447   | 223,362744 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=317, hop limit=0 (reply in 448) |
| 448   | 224,01622  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=317, hop limit=0 (request in 447) |
| 449   | 224,362769 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=318, hop limit=0 (reply in 450) |
| 450   | 225,025658 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=318, hop limit=0 (request in 449) |
| 451   | 225,362215 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=319, hop limit=0 (reply in 452) |
| 452   | 226,023912 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=319, hop limit=0 (request in 451) |
| 453   | 226,362475 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=320, hop limit=0 (reply in 454) |
| 454   | 227,021069 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=320, hop limit=0 (request in 453) |
| 455   | 227,362585 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=321, hop limit=0 (reply in 456) |
| 456   | 228,05641  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=321, hop limit=0 (request in 455) |
| 457   | 228,362985 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=322, hop limit=0 (reply in 458) |
| 458   | 229,020612 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=322, hop limit=0 (request in 457) |
| 459   | 229,363157 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=323, hop limit=0 (reply in 460) |
| 460   | 230,020039 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=323, hop limit=0 (request in 459) |
| 461   | 230,362649 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=324, hop limit=0 (reply in 462) |
| 462   | 231,02637  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=324, hop limit=0 (request in 461) |
| 463   | 231,362906 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=325, hop limit=0 (reply in 464) |
| 464   | 232,052618 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=325, hop limit=0 (request in 463) |
| 465   | 232,363166 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=326, hop limit=0 (reply in 466) |
| 466   | 233,031907 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=326, hop limit=0 (request in 465) |
| 467   | 233,363463 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=327, hop limit=0 (reply in 468) |
| 468   | 234,043077 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=327, hop limit=0 (request in 467) |
| 469   | 234,363579 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=328, hop limit=0 (reply in 470) |
| 470   | 235,053412 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=328, hop limit=0 (request in 469) |
| 471   | 235,363983 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=329, hop limit=0 (reply in 472) |
| 472   | 236,020707 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=329, hop limit=0 (request in 471) |
| 473   | 236,364206 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=330, hop limit=0 (reply in 474) |
| 474   | 237,016043 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=330, hop limit=0 (request in 473) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 CON RPL A 65 m |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 475   | 237,363658 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=331, hop limit=0 (reply in 476) |
| 476   | 238,029242 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=331, hop limit=0 (request in 475) |
| 477   | 238,363746 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=332, hop limit=0 (reply in 478) |
| 478   | 239,015617 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=332, hop limit=0 (request in 477) |
| 479   | 239,364169 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=333, hop limit=0 (reply in 480) |
| 480   | 240,014839 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=333, hop limit=0 (request in 479) |
| 481   | 240,364361 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=334, hop limit=0 (reply in 482) |
| 482   | 241,037069 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=334, hop limit=0 (request in 481) |
| 483   | 241,36459  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=335, hop limit=0 (reply in 484) |
| 484   | 242,032494 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=335, hop limit=0 (request in 483) |
| 485   | 242,36398  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=336, hop limit=0 (reply in 486) |
| 486   | 243,020696 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=336, hop limit=0 (request in 485) |
| 487   | 243,364234 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=337, hop limit=0 (reply in 488) |
| 488   | 244,020959 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=337, hop limit=0 (request in 487) |
| 489   | 244,36442  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=338, hop limit=0 (reply in 490) |
| 490   | 245,008245 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=338, hop limit=0 (request in 489) |
| 491   | 245,364753 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=339, hop limit=0 (reply in 492) |
| 492   | 246,019623 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=339, hop limit=0 (request in 491) |
| 493   | 246,365094 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=340, hop limit=0 (reply in 494) |
| 494   | 247,027871 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=340, hop limit=0 (request in 493) |
| 495   | 247,365363 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=341, hop limit=0 (reply in 496) |
| 496   | 248,014248 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=341, hop limit=0 (request in 495) |
| 497   | 248,365752 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=342, hop limit=0 (reply in 498) |
| 498   | 249,031497 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=342, hop limit=0 (request in 497) |
| 499   | 249,366038 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=343, hop limit=0 (reply in 500) |
| 500   | 250,035749 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=343, hop limit=0 (request in 499) |
| 501   | 250,366282 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=344, hop limit=0 (reply in 502) |
| 502   | 251,014125 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=344, hop limit=0 (request in 501) |
| 503   | 251,366621 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=345, hop limit=0 (reply in 504) |
| 504   | 252,020249 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=345, hop limit=0 (request in 503) |
| 505   | 252,366748 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=346, hop limit=0 (reply in 506) |
| 506   | 253,026502 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=346, hop limit=0 (request in 505) |
| 507   | 253,366995 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=347, hop limit=0 (reply in 508) |
| 508   | 254,03175  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=347, hop limit=0 (request in 507) |
| 509   | 254,367294 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=348, hop limit=0 (reply in 510) |
| 510   | 255,021126 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=348, hop limit=0 (request in 509) |
| 511   | 255,367674 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=349, hop limit=0 (reply in 512) |
| 512   | 256,008299 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=349, hop limit=0 (request in 511) |
| 513   | 256,367832 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=350, hop limit=0 (reply in 514) |
| 514   | 257,04764  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=350, hop limit=0 (request in 513) |
| 515   | 257,368128 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=351, hop limit=0 (reply in 516) |
| 516   | 258,018958 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=351, hop limit=0 (request in 515) |
| 517   | 258,36851  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=352, hop limit=0 (reply in 518) |
| 518   | 259,037253 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=352, hop limit=0 (request in 517) |
| 519   | 259,368703 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=353, hop limit=0 (reply in 520) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 CON RPL A 65 m |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 520   | 260,029467 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=353, hop limit=0 (request in 519) |
| 521   | 260,369012 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=354, hop limit=0 (reply in 522) |
| 522   | 261,024678 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=354, hop limit=0 (request in 521) |
| 523   | 261,369172 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=355, hop limit=0 (reply in 524) |
| 524   | 262,008055 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=355, hop limit=0 (request in 523) |
| 525   | 262,368644 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=356, hop limit=0 (reply in 526) |
| 526   | 263,030224 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=356, hop limit=0 (request in 525) |
| 527   | 263,368824 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=357, hop limit=0 (reply in 528) |
| 528   | 264,032509 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=357, hop limit=0 (request in 527) |
| 529   | 264,369114 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=358, hop limit=0 (reply in 530) |
| 530   | 265,017808 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=358, hop limit=0 (request in 529) |
| 531   | 265,369441 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=359, hop limit=0 (reply in 532) |
| 532   | 266,02313  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=359, hop limit=0 (request in 531) |
| 533   | 266,369675 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=360, hop limit=0 (reply in 534) |
| 534   | 267,011383 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=360, hop limit=0 (request in 533) |
| 535   | 267,369871 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=361, hop limit=0 (reply in 536) |
| 536   | 268,042632 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=361, hop limit=0 (request in 535) |
| 537   | 268,370175 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=362, hop limit=0 (reply in 538) |
| 538   | 269,05587  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=362, hop limit=0 (request in 537) |
| 539   | 269,370363 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=363, hop limit=0 (reply in 540) |
| 540   | 270,044101 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=363, hop limit=0 (request in 539) |
| 541   | 270,37061  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=364, hop limit=0 (reply in 542) |
| 542   | 271,026561 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=364, hop limit=0 (request in 541) |
| 543   | 271,370123 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=365, hop limit=0 (reply in 544) |
| 544   | 272,032712 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=365, hop limit=0 (request in 543) |
| 545   | 272,370238 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=366, hop limit=0 (reply in 546) |
| 546   | 273,04401  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=366, hop limit=0 (request in 545) |
| 547   | 273,37051  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=367, hop limit=0 (reply in 548) |
| 548   | 274,054306 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=367, hop limit=0 (request in 547) |
| 549   | 274,370837 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=368, hop limit=0 (reply in 550) |
| 550   | 275,044426 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=368, hop limit=0 (request in 549) |
| 551   | 275,371037 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=369, hop limit=0 (reply in 552) |
| 552   | 276,021467 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x66a2, seq=369, hop limit=0 (request in 551) |
| 553   | 276,371041 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x66a2, seq=370, hop limit=0                |

**Tabla 39. Test para el nodo 7 con 6Lowpan a 65 m, LPL 512 ms y con RPL.**

| PRUEBAS ENVÍO DE PAQUETES NODO 7 RPL LPL DE 512 ms A 65 m |          |           |             |          |        |  |
|---|----------|-----------|-------------|----------|--------|--|
| No.   | Time     | Source    | Destination | Protocol | Length | Info   |
| 1   | 0        | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=6, hop limit=0 (reply in 3) |
| 2   | 1,006688 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=7, hop limit=0              |
| 3   | 1,051268 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=6, hop limit=0 (request in 1) |
| 4   | 2,008395 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=8, hop limit=0              |
| 5   | 3,014664 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=9, hop limit=0              |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 RPL LPL DE 512 ms A 65 m |           |           |             |          |        |  |
|---|-----------|-----------|-------------|----------|--------|--|
| No.   | Time      | Source    | Destination | Protocol | Length | Info   |
| 6   | 4,022761  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=10, hop limit=0 (reply in 8)  |
| 7   | 5,030702  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=11, hop limit=0 (reply in 9)  |
| 8   | 5,050337  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=10, hop limit=0 (request in 6)  |
| 9   | 5,984514  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=11, hop limit=0 (request in 7)  |
| 10  | 6,030667  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=12, hop limit=0 (reply in 11) |
| 11  | 6,930006  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=12, hop limit=0 (request in 10) |
| 12  | 7,030371  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=13, hop limit=0 (reply in 13) |
| 13  | 7,871286  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=13, hop limit=0 (request in 12) |
| 14  | 8,029656  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=14, hop limit=0 (reply in 15) |
| 15  | 8,800541  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=14, hop limit=0 (request in 14) |
| 16  | 9,028944  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=15, hop limit=0 (reply in 17) |
| 17  | 9,745505  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=15, hop limit=0 (request in 16) |
| 18  | 10,029887 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=16, hop limit=0 (reply in 19) |
| 19  | 10,729881 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=16, hop limit=0 (request in 18) |
| 20  | 11,030263 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=17, hop limit=0               |
| 21  | 12,038618 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=18, hop limit=0               |
| 22  | 13,04664  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=19, hop limit=0               |
| 23  | 14,054727 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=20, hop limit=0               |
| 24  | 15,062597 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=21, hop limit=0               |
| 25  | 16,070738 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=22, hop limit=0               |
| 26  | 17,078732 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=23, hop limit=0 (reply in 28) |
| 27  | 18,086657 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=24, hop limit=0 (reply in 29) |
| 28  | 18,099788 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=23, hop limit=0 (request in 26) |
| 29  | 19,040798 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=24, hop limit=0 (request in 27) |
| 30  | 19,085974 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=25, hop limit=0 (reply in 31) |
| 31  | 19,970155 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=25, hop limit=0 (request in 30) |
| 32  | 20,085367 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=26, hop limit=0 (reply in 33) |
| 33  | 20,913483 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=26, hop limit=0 (request in 32) |
| 34  | 21,084858 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=27, hop limit=0 (reply in 36) |
| 35  | 22,084561 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=28, hop limit=0               |
| 36  | 22,130555 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=27, hop limit=0 (request in 34) |
| 37  | 23,085705 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=29, hop limit=0 (reply in 38) |
| 38  | 24,051327 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=29, hop limit=0 (request in 37) |
| 39  | 24,085541 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=30, hop limit=0 (reply in 40) |
| 40  | 24,981336 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=30, hop limit=0 (request in 39) |
| 41  | 25,085556 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=31, hop limit=0               |
| 42  | 26,094654 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=32, hop limit=0               |
| 43  | 27,10267  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=33, hop limit=0               |
| 44  | 28,110609 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=34, hop limit=0 (reply in 46) |
| 45  | 29,118679 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=35, hop limit=0               |
| 46  | 29,195913 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=34, hop limit=0 (request in 44) |
| 47  | 30,119911 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=36, hop limit=0               |
| 48  | 31,12669  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=37, hop limit=0               |
| 49  | 32,134784 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=38, hop limit=0               |
| 50  | 33,142692 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=39, hop limit=0 (reply in 52) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 RPL LPL DE 512 ms A 65 m |           |           |             |          |        |  |
|---|-----------|-----------|-------------|----------|--------|--|
| No.   | Time      | Source    | Destination | Protocol | Length | Info   |
| 51  | 34,150775 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=40, hop limit=0               |
| 52  | 34,215764 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=39, hop limit=0 (request in 50) |
| 53  | 35,15196  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=41, hop limit=0               |
| 54  | 36,158772 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=42, hop limit=0 (reply in 56) |
| 55  | 37,166783 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=43, hop limit=0               |
| 56  | 37,194265 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=42, hop limit=0 (request in 54) |
| 57  | 38,168454 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=44, hop limit=0               |
| 58  | 39,168581 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=45, hop limit=0               |
| 59  | 40,168667 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=46, hop limit=0 (reply in 61) |
| 60  | 41,168671 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=47, hop limit=0 (reply in 62) |
| 61  | 41,192145 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=46, hop limit=0 (request in 59) |
| 62  | 42,12562  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=47, hop limit=0 (request in 60) |
| 63  | 42,167856 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=48, hop limit=0 (reply in 64) |
| 64  | 43,064028 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=48, hop limit=0 (request in 63) |
| 65  | 43,167264 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=49, hop limit=0 (reply in 66) |
| 66  | 44,007304 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=49, hop limit=0 (request in 65) |
| 67  | 44,166634 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=50, hop limit=0 (reply in 68) |
| 68  | 44,95072  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=50, hop limit=0 (request in 67) |
| 69  | 45,166049 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=51, hop limit=0 (reply in 70) |
| 70  | 45,88327  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=51, hop limit=0 (request in 69) |
| 71  | 46,165835 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=52, hop limit=0 (reply in 72) |
| 72  | 46,826822 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=52, hop limit=0 (request in 71) |
| 73  | 47,165333 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=53, hop limit=0 (reply in 75) |
| 74  | 48,164616 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=54, hop limit=0               |
| 75  | 48,2821   | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=53, hop limit=0 (request in 73) |
| 76  | 49,166225 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=55, hop limit=0               |
| 77  | 50,174683 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=56, hop limit=0 (reply in 79) |
| 78  | 51,182714 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=57, hop limit=0               |
| 79  | 51,260657 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=56, hop limit=0 (request in 77) |
| 80  | 52,183725 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=58, hop limit=0               |
| 81  | 53,190789 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=59, hop limit=0 (reply in 83) |
| 82  | 54,198786 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=60, hop limit=0               |
| 83  | 54,235399 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=59, hop limit=0 (request in 81) |
| 84  | 55,200644 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=61, hop limit=0               |
| 85  | 56,200634 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=62, hop limit=0               |
| 86  | 57,200609 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=63, hop limit=0 (reply in 88) |
| 87  | 58,200676 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=64, hop limit=0               |
| 88  | 58,242581 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=63, hop limit=0 (request in 86) |
| 89  | 59,201789 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=65, hop limit=0               |
| 90  | 60,21079  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=66, hop limit=0               |
| 91  | 61,218712 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=67, hop limit=0 (reply in 93) |
| 92  | 62,226809 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=68, hop limit=0               |
| 93  | 62,242901 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=67, hop limit=0 (request in 91) |
| 94  | 63,228159 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=69, hop limit=0 (reply in 95) |
| 95  | 64,195001 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=69, hop limit=0 (request in 94) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 RPL LPL DE 512 ms A 65 m |           |           |             |          |        |   |
|---|-----------|-----------|-------------|----------|--------|---|
| No.   | Time      | Source    | Destination | Protocol | Length | Info  |
| 96  | 64,228228 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=70, hop limit=0 (reply in 97)  |
| 97  | 65,124533 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=70, hop limit=0 (request in 96)  |
| 98  | 65,227888 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=71, hop limit=0 (reply in 99)  |
| 99  | 66,057034 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=71, hop limit=0 (request in 98)  |
| 100   | 66,227482 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=72, hop limit=0 (reply in 101) |
| 101   | 66,99666  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=72, hop limit=0 (request in 100) |
| 102   | 67,227197 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=73, hop limit=0 (reply in 103) |
| 103   | 67,928151 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=73, hop limit=0 (request in 102) |
| 104   | 68,226738 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=74, hop limit=0 (reply in 105) |
| 105   | 68,858606 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=74, hop limit=0 (request in 104) |
| 106   | 69,226139 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=75, hop limit=0 (reply in 108) |
| 107   | 70,234756 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=76, hop limit=0                |
| 108   | 70,312028 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=75, hop limit=0 (request in 106) |
| 109   | 71,236212 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=77, hop limit=0                |
| 110   | 72,242725 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=78, hop limit=0 (reply in 112) |
| 111   | 73,25079  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=79, hop limit=0 (reply in 113) |
| 112   | 73,284725 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=78, hop limit=0 (request in 110) |
| 113   | 74,234285 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=79, hop limit=0 (request in 111) |
| 114   | 74,250556 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=80, hop limit=0 (reply in 115) |
| 115   | 75,173905 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=80, hop limit=0 (request in 114) |
| 116   | 75,250248 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=81, hop limit=0 (reply in 117) |
| 117   | 76,105356 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=81, hop limit=0 (request in 116) |
| 118   | 76,249663 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=82, hop limit=0 (reply in 119) |
| 119   | 77,03483  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=82, hop limit=0 (request in 118) |
| 120   | 77,249177 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=83, hop limit=0 (reply in 121) |
| 121   | 77,969417 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=83, hop limit=0 (request in 120) |
| 122   | 78,248936 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=84, hop limit=0                |
| 123   | 79,24867  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=85, hop limit=0 (reply in 124) |
| 124   | 79,923416 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=85, hop limit=0 (request in 123) |
| 125   | 80,248989 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=86, hop limit=0 (reply in 126) |
| 126   | 80,866988 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=86, hop limit=0 (request in 125) |
| 127   | 81,248575 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=87, hop limit=0                |
| 128   | 82,248626 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=88, hop limit=0 (reply in 130) |
| 129   | 83,248666 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=89, hop limit=0                |
| 130   | 83,345911 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=88, hop limit=0 (request in 128) |
| 131   | 84,250092 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=90, hop limit=0                |
| 132   | 85,258663 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=91, hop limit=0 (reply in 134) |
| 133   | 86,266804 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=92, hop limit=0                |
| 134   | 86,31367  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=91, hop limit=0 (request in 132) |
| 135   | 87,26783  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=93, hop limit=0                |
| 136   | 88,274795 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=94, hop limit=0                |
| 137   | 89,282723 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=95, hop limit=0 (reply in 139) |
| 138   | 90,290759 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=96, hop limit=0                |
| 139   | 90,322789 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=95, hop limit=0 (request in 137) |
| 140   | 91,292044 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=97, hop limit=0                |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 RPL LPL DE 512 ms A 65 m |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 141   | 92,29874   | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=98, hop limit=0                 |
| 142   | 93,306693  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=99, hop limit=0 (reply in 144)  |
| 143   | 94,314802  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=100, hop limit=0 (reply in 145) |
| 144   | 94,320928  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=99, hop limit=0 (request in 142)  |
| 145   | 95,252371  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=100, hop limit=0 (request in 143) |
| 146   | 95,314561  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=101, hop limit=0 (reply in 147) |
| 147   | 96,185046  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=101, hop limit=0 (request in 146) |
| 148   | 96,314467  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=102, hop limit=0 (reply in 149) |
| 149   | 97,128585  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=102, hop limit=0 (request in 148) |
| 150   | 97,313966  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=103, hop limit=0 (reply in 151) |
| 151   | 98,073008  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=103, hop limit=0 (request in 150) |
| 152   | 98,31353   | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=104, hop limit=0 (reply in 153) |
| 153   | 99,017621  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=104, hop limit=0 (request in 152) |
| 154   | 99,313055  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=105, hop limit=0                |
| 155   | 100,312661 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=106, hop limit=0 (reply in 156) |
| 156   | 100,971672 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=106, hop limit=0 (request in 155) |
| 157   | 101,312224 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=107, hop limit=0 (reply in 159) |
| 158   | 102,318652 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=108, hop limit=0                |
| 159   | 102,428821 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=107, hop limit=0 (request in 157) |
| 160   | 103,319827 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=109, hop limit=0 (reply in 162) |
| 161   | 104,326812 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=110, hop limit=0                |
| 162   | 104,372049 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=109, hop limit=0 (request in 160) |
| 163   | 105,328332 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=111, hop limit=0                |
| 164   | 106,334803 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=112, hop limit=0                |
| 165   | 107,342763 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=113, hop limit=0 (reply in 167) |
| 166   | 108,350786 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=114, hop limit=0 (reply in 168) |
| 167   | 108,371296 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=113, hop limit=0 (request in 165) |
| 168   | 109,307879 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=114, hop limit=0 (request in 166) |
| 169   | 109,350201 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=115, hop limit=0                |
| 170   | 110,358691 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=116, hop limit=0                |
| 171   | 111,366797 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=117, hop limit=0 (reply in 172) |
| 172   | 112,29043  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=117, hop limit=0 (request in 171) |
| 173   | 112,366767 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=118, hop limit=0 (reply in 174) |
| 174   | 113,219979 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=118, hop limit=0 (request in 173) |
| 175   | 113,366374 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=119, hop limit=0 (reply in 176) |
| 176   | 114,147527 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=119, hop limit=0 (request in 175) |
| 177   | 114,365924 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=120, hop limit=0 (reply in 178) |
| 178   | 115,079969 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=120, hop limit=0 (request in 177) |
| 179   | 115,365457 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=121, hop limit=0 (reply in 180) |
| 180   | 116,013633 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=121, hop limit=0 (request in 179) |
| 181   | 116,365212 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=122, hop limit=0 (reply in 183) |
| 182   | 117,364609 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=123, hop limit=0                |
| 183   | 117,470931 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=122, hop limit=0 (request in 181) |
| 184   | 118,366101 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=124, hop limit=0                |
| 185   | 119,374681 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=125, hop limit=0 (reply in 187) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 RPL LPL DE 512 ms A 65 m |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 186   | 120,382781 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=126, hop limit=0                |
| 187   | 120,447684 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=125, hop limit=0 (request in 185) |
| 188   | 121,383911 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=127, hop limit=0                |
| 189   | 122,390807 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=128, hop limit=0 (reply in 191) |
| 190   | 123,398708 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=129, hop limit=0 (reply in 192) |
| 191   | 123,415387 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=128, hop limit=0 (request in 189) |
| 192   | 124,348011 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=129, hop limit=0 (request in 190) |
| 193   | 124,39827  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=130, hop limit=0 (reply in 194) |
| 194   | 125,285509 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=130, hop limit=0 (request in 193) |
| 195   | 125,397749 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=131, hop limit=0                |
| 196   | 126,406772 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=132, hop limit=0                |
| 197   | 127,414743 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=133, hop limit=0                |
| 198   | 128,4228   | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=134, hop limit=0                |
| 199   | 129,430657 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=135, hop limit=0 (reply in 200) |
| 200   | 130,31428  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=135, hop limit=0 (request in 199) |
| 201   | 130,430654 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=136, hop limit=0 (reply in 202) |
| 202   | 131,256767 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=136, hop limit=0 (request in 201) |
| 203   | 131,430099 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=137, hop limit=0 (reply in 204) |
| 204   | 132,198389 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=137, hop limit=0 (request in 203) |
| 205   | 132,429762 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=138, hop limit=0 (reply in 206) |
| 206   | 133,131896 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=138, hop limit=0 (request in 205) |
| 207   | 133,429458 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=139, hop limit=0 (reply in 208) |
| 208   | 134,077561 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=139, hop limit=0 (request in 207) |
| 209   | 134,429183 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=140, hop limit=0 (reply in 211) |
| 210   | 135,42867  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=141, hop limit=0                |
| 211   | 135,53074  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=140, hop limit=0 (request in 209) |
| 212   | 136,429882 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=142, hop limit=0                |
| 213   | 137,438685 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=143, hop limit=0                |
| 214   | 138,446748 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=144, hop limit=0                |
| 215   | 139,454785 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=145, hop limit=0                |
| 216   | 140,462745 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=146, hop limit=0                |
| 217   | 141,470804 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=147, hop limit=0                |
| 218   | 142,478715 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=148, hop limit=0                |
| 219   | 143,486734 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=149, hop limit=0                |
| 220   | 144,494783 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=150, hop limit=0                |
| 221   | 145,502802 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=151, hop limit=0 (reply in 222) |
| 222   | 146,277895 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=151, hop limit=0 (request in 221) |
| 223   | 146,502274 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=152, hop limit=0 (reply in 224) |
| 224   | 147,218401 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=152, hop limit=0 (request in 223) |
| 225   | 147,501808 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=153, hop limit=0 (reply in 226) |
| 226   | 148,159855 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=153, hop limit=0 (request in 225) |
| 227   | 148,50129  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=154, hop limit=0                |
| 228   | 149,500661 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=155, hop limit=0                |
| 229   | 150,500606 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=156, hop limit=0 (reply in 230) |
| 230   | 151,131484 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=156, hop limit=0 (request in 229) |



| PRUEBAS ENVÍO DE PAQUETES NODO 7 RPL LPL DE 512 ms A 65 m |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 231   | 151,500968 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=157, hop limit=0                |
| 232   | 152,500677 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=158, hop limit=0 (reply in 234) |
| 233   | 153,500624 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=159, hop limit=0                |
| 234   | 153,621324 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=158, hop limit=0 (request in 232) |
| 235   | 154,502488 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=160, hop limit=0 (reply in 237) |
| 236   | 155,510706 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=161, hop limit=0                |
| 237   | 155,567461 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=160, hop limit=0 (request in 235) |
| 238   | 156,512683 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=162, hop limit=0                |
| 239   | 157,512663 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=163, hop limit=0                |
| 240   | 158,512622 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=164, hop limit=0                |
| 241   | 159,512635 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=165, hop limit=0 (reply in 242) |
| 242   | 160,255366 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=165, hop limit=0 (request in 241) |
| 243   | 160,512535 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=166, hop limit=0 (reply in 244) |
| 244   | 161,198855 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=166, hop limit=0 (request in 243) |
| 245   | 161,512364 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=167, hop limit=0 (reply in 246) |
| 246   | 162,129376 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=167, hop limit=0 (request in 245) |
| 247   | 162,511963 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=168, hop limit=0                |
| 248   | 163,518808 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=169, hop limit=0 (reply in 250) |
| 249   | 164,526755 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=170, hop limit=0                |
| 250   | 164,606293 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=169, hop limit=0 (request in 248) |
| 251   | 165,528532 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=171, hop limit=0                |
| 252   | 166,528593 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=172, hop limit=0                |
| 253   | 167,528576 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=173, hop limit=0 (reply in 255) |
| 254   | 168,528674 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=174, hop limit=0                |
| 255   | 168,617536 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=173, hop limit=0 (request in 253) |
| 256   | 169,52966  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=175, hop limit=0                |
| 257   | 170,538708 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=176, hop limit=0                |
| 258   | 171,546805 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=177, hop limit=0                |
| 259   | 172,554785 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=178, hop limit=0 (reply in 261) |
| 260   | 173,56272  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=179, hop limit=0                |
| 261   | 173,640331 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=178, hop limit=0 (request in 259) |
| 262   | 174,56397  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=180, hop limit=0                |
| 263   | 175,570777 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=181, hop limit=0 (reply in 265) |
| 264   | 176,578814 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=182, hop limit=0 (reply in 266) |
| 265   | 176,613087 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=181, hop limit=0 (request in 263) |
| 266   | 177,541587 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=182, hop limit=0 (request in 264) |
| 267   | 177,578905 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=183, hop limit=0 (reply in 268) |
| 268   | 178,477088 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=183, hop limit=0 (request in 267) |
| 269   | 178,578464 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=184, hop limit=0 (reply in 270) |
| 270   | 179,407713 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=184, hop limit=0 (request in 269) |
| 271   | 179,578155 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=185, hop limit=0 (reply in 272) |
| 272   | 180,350214 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=185, hop limit=0 (request in 271) |
| 273   | 180,577717 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=186, hop limit=0 (reply in 274) |
| 274   | 181,29272  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=186, hop limit=0 (request in 273) |
| 275   | 181,577236 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=187, hop limit=0 (reply in 276) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 RPL LPL DE 512 ms A 65 m |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 276   | 182,223166 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=187, hop limit=0 (request in 275) |
| 277   | 182,576717 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=188, hop limit=0 (reply in 279) |
| 278   | 183,576669 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=189, hop limit=0                |
| 279   | 183,677586 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=188, hop limit=0 (request in 277) |
| 280   | 184,57774  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=190, hop limit=0                |
| 281   | 185,586776 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=191, hop limit=0                |
| 282   | 186,594755 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=192, hop limit=0                |
| 283   | 187,602753 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=193, hop limit=0 (reply in 285) |
| 284   | 188,610714 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=194, hop limit=0                |
| 285   | 188,691217 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=193, hop limit=0 (request in 283) |
| 286   | 189,612412 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=195, hop limit=0                |
| 287   | 190,618793 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=196, hop limit=0 (reply in 289) |
| 288   | 191,626785 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=197, hop limit=0                |
| 289   | 191,671968 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=196, hop limit=0 (request in 287) |
| 290   | 192,628197 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=198, hop limit=0                |
| 291   | 193,634809 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=199, hop limit=0                |
| 292   | 194,642762 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=200, hop limit=0 (reply in 294) |
| 293   | 195,650785 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=201, hop limit=0                |
| 294   | 195,683225 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=200, hop limit=0 (request in 292) |
| 295   | 196,65248  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=202, hop limit=0                |
| 296   | 197,652666 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=203, hop limit=0                |
| 297   | 198,652626 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=204, hop limit=0 (reply in 299) |
| 298   | 199,652648 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=205, hop limit=0 (reply in 300) |
| 299   | 199,676392 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=204, hop limit=0 (request in 297) |
| 300   | 200,606974 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=205, hop limit=0 (request in 298) |
| 301   | 200,652244 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=206, hop limit=0 (reply in 302) |
| 302   | 201,548598 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=206, hop limit=0 (request in 301) |
| 303   | 201,651967 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=207, hop limit=0 (reply in 304) |
| 304   | 202,480051 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=207, hop limit=0 (request in 303) |
| 305   | 202,651423 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=208, hop limit=0 (reply in 306) |
| 306   | 203,411726 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=208, hop limit=0 (request in 305) |
| 307   | 203,651193 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=209, hop limit=0 (reply in 308) |
| 308   | 204,354137 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=209, hop limit=0 (request in 307) |
| 309   | 204,650634 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=210, hop limit=0 (reply in 310) |
| 310   | 205,296731 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=210, hop limit=0 (request in 309) |
| 311   | 205,650353 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=211, hop limit=0 (reply in 313) |
| 312   | 206,658804 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=212, hop limit=0                |
| 313   | 206,767978 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=211, hop limit=0 (request in 311) |
| 314   | 207,659114 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=213, hop limit=0 (reply in 316) |
| 315   | 208,666767 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=214, hop limit=0                |
| 316   | 208,69935  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=213, hop limit=0 (request in 314) |
| 317   | 209,668623 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=215, hop limit=0                |
| 318   | 210,668596 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=216, hop limit=0                |
| 319   | 211,668639 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=217, hop limit=0 (reply in 321) |
| 320   | 212,668684 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=218, hop limit=0                |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 RPL LPL DE 512 ms A 65 m |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 321   | 212,697731 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=217, hop limit=0 (request in 319) |
| 322   | 213,669988 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=219, hop limit=0                |
| 323   | 214,678756 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=220, hop limit=0                |
| 324   | 215,686712 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=221, hop limit=0 (reply in 326) |
| 325   | 216,694806 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=222, hop limit=0                |
| 326   | 216,696862 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=221, hop limit=0 (request in 324) |
| 327   | 217,695832 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=223, hop limit=0 (reply in 328) |
| 328   | 218,64786  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=223, hop limit=0 (request in 327) |
| 329   | 218,69517  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=224, hop limit=0 (reply in 330) |
| 330   | 219,592496 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=224, hop limit=0 (request in 329) |
| 331   | 219,694881 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=225, hop limit=0 (reply in 332) |
| 332   | 220,535896 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=225, hop limit=0 (request in 331) |
| 333   | 220,69425  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=226, hop limit=0 (reply in 334) |
| 334   | 221,479434 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=226, hop limit=0 (request in 333) |
| 335   | 221,69381  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=227, hop limit=0 (reply in 336) |
| 336   | 222,410981 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=227, hop limit=0 (request in 335) |
| 337   | 222,693461 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=228, hop limit=0 (reply in 338) |
| 338   | 223,355487 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=228, hop limit=0 (request in 337) |
| 339   | 223,69306  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=229, hop limit=0 (reply in 341) |
| 340   | 224,692664 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=230, hop limit=0                |
| 341   | 224,812862 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=229, hop limit=0 (request in 339) |
| 342   | 225,692972 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=231, hop limit=0 (reply in 344) |
| 343   | 226,692659 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=232, hop limit=0                |
| 344   | 226,764987 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=231, hop limit=0 (request in 342) |
| 345   | 227,693152 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=233, hop limit=0                |
| 346   | 228,692661 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=234, hop limit=0 (reply in 348) |
| 347   | 229,692604 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=235, hop limit=0                |
| 348   | 229,732658 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=234, hop limit=0 (request in 346) |
| 349   | 230,693752 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=236, hop limit=0                |
| 350   | 231,702708 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=237, hop limit=0                |
| 351   | 232,710712 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=238, hop limit=0 (reply in 353) |
| 352   | 233,718684 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=239, hop limit=0 (reply in 354) |
| 353   | 233,733941 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=238, hop limit=0 (request in 351) |
| 354   | 234,676445 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=239, hop limit=0 (request in 352) |
| 355   | 234,718619 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=240, hop limit=0                |
| 356   | 235,726689 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=241, hop limit=0                |
| 357   | 236,734668 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=242, hop limit=0 (reply in 358) |
| 358   | 237,65707  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=242, hop limit=0 (request in 357) |
| 359   | 237,73429  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=243, hop limit=0 (reply in 360) |
| 360   | 238,590694 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=243, hop limit=0 (request in 359) |
| 361   | 238,733998 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=244, hop limit=0 (reply in 362) |
| 362   | 239,534197 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=244, hop limit=0 (request in 361) |
| 363   | 239,733572 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=245, hop limit=0 (reply in 364) |
| 364   | 240,477659 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=245, hop limit=0 (request in 363) |
| 365   | 240,733075 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=246, hop limit=0 (reply in 366) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 RPL LPL DE 512 ms A 65 m |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 366   | 241,422366 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=246, hop limit=0 (request in 365) |
| 367   | 241,732911 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=247, hop limit=0 (reply in 368) |
| 368   | 242,363874 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=247, hop limit=0 (request in 367) |
| 369   | 242,732429 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=248, hop limit=0 (reply in 371) |
| 370   | 243,738688 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=249, hop limit=0                |
| 371   | 243,818072 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=248, hop limit=0 (request in 369) |
| 372   | 244,739175 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=250, hop limit=0                |
| 373   | 245,746798 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=251, hop limit=0 (reply in 375) |
| 374   | 246,754764 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=252, hop limit=0                |
| 375   | 246,789871 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=251, hop limit=0 (request in 373) |
| 376   | 247,755111 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=253, hop limit=0                |
| 377   | 248,762748 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=254, hop limit=0                |
| 378   | 249,770752 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=255, hop limit=0 (reply in 380) |
| 379   | 250,778777 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=256, hop limit=0 (reply in 381) |
| 380   | 250,785128 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=255, hop limit=0 (request in 378) |
| 381   | 251,719625 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=256, hop limit=0 (request in 379) |
| 382   | 251,778947 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=257, hop limit=0 (reply in 383) |
| 383   | 252,660099 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=257, hop limit=0 (request in 382) |
| 384   | 252,779475 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=258, hop limit=0 (reply in 385) |
| 385   | 253,587706 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=258, hop limit=0 (request in 384) |
| 386   | 253,780101 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=259, hop limit=0 (reply in 387) |
| 387   | 254,522373 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=259, hop limit=0 (request in 386) |
| 388   | 254,780941 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=260, hop limit=0 (reply in 389) |
| 389   | 255,455846 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=260, hop limit=0 (request in 388) |
| 390   | 255,781323 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=261, hop limit=0 (reply in 391) |
| 391   | 256,398505 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=261, hop limit=0 (request in 390) |
| 392   | 256,782146 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=262, hop limit=0                |
| 393   | 257,790792 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=263, hop limit=0                |
| 394   | 258,798696 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=264, hop limit=0                |
| 395   | 259,806712 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=265, hop limit=0 (reply in 397) |
| 396   | 260,814655 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=266, hop limit=0                |
| 397   | 260,925706 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=265, hop limit=0 (request in 395) |
| 398   | 261,815798 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=267, hop limit=0 (reply in 400) |
| 399   | 262,82281  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=268, hop limit=0                |
| 400   | 262,87888  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=267, hop limit=0 (request in 398) |
| 401   | 263,824041 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=269, hop limit=0                |
| 402   | 264,830804 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=270, hop limit=0                |
| 403   | 265,838632 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=271, hop limit=0                |
| 404   | 266,846685 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=272, hop limit=0                |
| 405   | 267,854738 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=273, hop limit=0 (reply in 407) |
| 406   | 268,862778 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=274, hop limit=0                |
| 407   | 268,927211 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=273, hop limit=0 (request in 405) |
| 408   | 269,864396 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=275, hop limit=0                |
| 409   | 270,870695 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=276, hop limit=0 (reply in 411) |
| 410   | 271,878748 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=277, hop limit=0                |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 RPL LPL DE 512 ms A 65 m |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 411   | 271,911013 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=276, hop limit=0 (request in 409) |
| 412   | 272,880182 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=278, hop limit=0                |
| 413   | 273,886774 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=279, hop limit=0                |
| 414   | 274,894673 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=280, hop limit=0 (reply in 416) |
| 415   | 275,902688 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=281, hop limit=0                |
| 416   | 275,917045 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=280, hop limit=0 (request in 414) |
| 417   | 276,904178 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=282, hop limit=0 (reply in 418) |
| 418   | 277,872266 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x319d, seq=282, hop limit=0 (request in 417) |
| 419   | 277,903539 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x319d, seq=283, hop limit=0                |

**Tabla 40. Test para el nodo 7 con 6Lowpan a 65 m, LPL 1024 ms y con RPL.**

| PRUEBAS ENVÍO DE PAQUETES NODO 7 RPL, LPL DE 1024 ms A 65 m |           |           |             |          |        |  |
|---|-----------|-----------|-------------|----------|--------|--|
| No.   | Time      | Source    | Destination | Protocol | Length | Info   |
| 1   | 0         | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=13, hop limit=0 (reply in 2)  |
| 2   | 0,908322  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=13, hop limit=0 (request in 1)  |
| 3   | 0,999695  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=14, hop limit=0               |
| 4   | 2,007383  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=15, hop limit=0               |
| 5   | 3,015349  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=16, hop limit=0               |
| 6   | 4,023329  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=17, hop limit=0               |
| 7   | 5,031275  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=18, hop limit=0               |
| 8   | 6,039277  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=19, hop limit=0 (reply in 10) |
| 9   | 7,047361  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=20, hop limit=0               |
| 10  | 7,536343  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=19, hop limit=0 (request in 8)  |
| 11  | 8,047989  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=21, hop limit=0 (reply in 12) |
| 12  | 8,966823  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=21, hop limit=0 (request in 11) |
| 13  | 9,048143  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=22, hop limit=0               |
| 14  | 10,055294 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=23, hop limit=0               |
| 15  | 11,063329 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=24, hop limit=0 (reply in 17) |
| 16  | 12,071333 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=25, hop limit=0 (reply in 18) |
| 17  | 12,534076 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=24, hop limit=0 (request in 15) |
| 18  | 12,74397  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=25, hop limit=0 (request in 16) |
| 19  | 13,072473 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=26, hop limit=0 (reply in 21) |
| 20  | 14,07937  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=27, hop limit=0               |
| 21  | 14,183301 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=26, hop limit=0 (request in 19) |
| 22  | 15,080425 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=28, hop limit=0               |
| 23  | 16,08734  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=29, hop limit=0 (reply in 25) |
| 24  | 17,095243 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=30, hop limit=0               |
| 25  | 17,641587 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=29, hop limit=0 (request in 23) |
| 26  | 18,096296 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=31, hop limit=0 (reply in 27) |
| 27  | 19,069958 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=31, hop limit=0 (request in 26) |
| 28  | 19,096264 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=32, hop limit=0               |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 RPL, LPL DE 1024 ms A 65 m |           |           |             |          |        |  |
|---|-----------|-----------|-------------|----------|--------|--|
| No.   | Time      | Source    | Destination | Protocol | Length | Info   |
| 29  | 20,103391 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=33, hop limit=0               |
| 30  | 21,111338 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=34, hop limit=0 (reply in 32) |
| 31  | 22,119344 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=35, hop limit=0               |
| 32  | 22,565176 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=34, hop limit=0 (request in 30) |
| 33  | 23,120928 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=36, hop limit=0 (reply in 34) |
| 34  | 23,999416 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=36, hop limit=0 (request in 33) |
| 35  | 24,121779 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=37, hop limit=0               |
| 36  | 25,121235 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=38, hop limit=0               |
| 37  | 26,121223 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=39, hop limit=0 (reply in 39) |
| 38  | 27,121179 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=40, hop limit=0               |
| 39  | 27,482659 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=39, hop limit=0 (request in 37) |
| 40  | 28,121223 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=41, hop limit=0 (reply in 41) |
| 41  | 28,917963 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=41, hop limit=0 (request in 40) |
| 42  | 29,122448 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=42, hop limit=0 (reply in 44) |
| 43  | 30,13139  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=43, hop limit=0               |
| 44  | 30,371161 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=42, hop limit=0 (request in 42) |
| 45  | 31,133194 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=44, hop limit=0 (reply in 46) |
| 46  | 31,788589 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=44, hop limit=0 (request in 45) |
| 47  | 32,134164 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=45, hop limit=0 (reply in 49) |
| 48  | 33,133237 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=46, hop limit=0               |
| 49  | 33,23377  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=45, hop limit=0 (request in 47) |
| 50  | 34,134956 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=47, hop limit=0               |
| 51  | 35,143349 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=48, hop limit=0               |
| 52  | 36,151381 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=49, hop limit=0               |
| 53  | 37,159351 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=50, hop limit=0               |
| 54  | 38,167359 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=51, hop limit=0               |
| 55  | 39,175307 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=52, hop limit=0 (reply in 57) |
| 56  | 40,183341 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=53, hop limit=0               |
| 57  | 40,74618  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=52, hop limit=0 (request in 55) |
| 58  | 41,184797 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=54, hop limit=0 (reply in 59) |
| 59  | 42,176603 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=54, hop limit=0 (request in 58) |
| 60  | 42,18379  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=55, hop limit=0 (reply in 62) |
| 61  | 43,191322 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=56, hop limit=0               |
| 62  | 43,645819 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=55, hop limit=0 (request in 60) |
| 63  | 44,192579 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=57, hop limit=0 (reply in 64) |
| 64  | 45,087095 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=57, hop limit=0 (request in 63) |
| 65  | 45,19247  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=58, hop limit=0 (reply in 67) |
| 66  | 46,199299 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=59, hop limit=0               |
| 67  | 46,554221 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=58, hop limit=0 (request in 65) |
| 68  | 47,207293 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=60, hop limit=0 (reply in 69) |
| 69  | 47,986596 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=60, hop limit=0 (request in 68) |
| 70  | 48,20807  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=61, hop limit=0               |
| 71  | 49,215328 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=62, hop limit=0               |
| 72  | 50,223356 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=63, hop limit=0 (reply in 74) |
| 73  | 51,231323 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=64, hop limit=0               |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 RPL, LPL DE 1024 ms A 65 m |           |           |             |          |        |   |
|---|-----------|-----------|-------------|----------|--------|---|
| No.   | Time      | Source    | Destination | Protocol | Length | Info  |
| 74  | 51,451971 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=63, hop limit=0 (request in 72)  |
| 75  | 52,232851 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=65, hop limit=0 (reply in 76)  |
| 76  | 52,871345 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=65, hop limit=0 (request in 75)  |
| 77  | 53,233989 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=66, hop limit=0                |
| 78  | 54,233203 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=67, hop limit=0                |
| 79  | 55,233222 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=68, hop limit=0 (reply in 81)  |
| 80  | 56,233241 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=69, hop limit=0                |
| 81  | 56,342599 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=68, hop limit=0 (request in 79)  |
| 82  | 57,234742 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=70, hop limit=0                |
| 83  | 58,243379 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=71, hop limit=0 (reply in 85)  |
| 84  | 59,251373 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=72, hop limit=0                |
| 85  | 59,80508  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=71, hop limit=0 (request in 83)  |
| 86  | 60,252742 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=73, hop limit=0                |
| 87  | 61,259356 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=74, hop limit=0                |
| 88  | 62,267326 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=75, hop limit=0 (reply in 89)  |
| 89  | 63,25448  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=75, hop limit=0 (request in 88)  |
| 90  | 63,266802 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=76, hop limit=0 (reply in 92)  |
| 91  | 64,275311 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=77, hop limit=0                |
| 92  | 64,722854 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=76, hop limit=0 (request in 90)  |
| 93  | 65,276594 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=78, hop limit=0 (reply in 94)  |
| 94  | 66,156103 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=78, hop limit=0 (request in 93)  |
| 95  | 66,276502 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=79, hop limit=0 (reply in 97)  |
| 96  | 67,283319 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=80, hop limit=0                |
| 97  | 67,598183 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=79, hop limit=0 (request in 95)  |
| 98  | 68,284044 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=81, hop limit=0 (reply in 99)  |
| 99  | 69,040486 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=81, hop limit=0 (request in 98)  |
| 100   | 69,283956 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=82, hop limit=0 (reply in 102) |
| 101   | 70,29129  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=83, hop limit=0                |
| 102   | 70,481647 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=82, hop limit=0 (request in 100) |
| 103   | 71,292668 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=84, hop limit=0                |
| 104   | 72,299379 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=85, hop limit=0                |
| 105   | 73,307338 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=86, hop limit=0 (reply in 106) |
| 106   | 73,919042 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=86, hop limit=0 (request in 105) |
| 107   | 74,308594 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=87, hop limit=0                |
| 108   | 75,315327 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=88, hop limit=0                |
| 109   | 76,323346 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=89, hop limit=0 (reply in 111) |
| 110   | 77,331304 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=90, hop limit=0                |
| 111   | 77,373366 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=89, hop limit=0 (request in 109) |
| 112   | 78,332602 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=91, hop limit=0                |
| 113   | 79,339344 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=92, hop limit=0                |
| 114   | 80,347342 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=93, hop limit=0                |
| 115   | 81,35532  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=94, hop limit=0                |
| 116   | 82,363277 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=95, hop limit=0                |
| 117   | 83,371381 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=96, hop limit=0 (reply in 119) |
| 118   | 84,379318 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=97, hop limit=0                |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 RPL, LPL DE 1024 ms A 65 m |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 119   | 84,895588  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=96, hop limit=0 (request in 117)  |
| 120   | 85,380291  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=98, hop limit=0 (reply in 121)  |
| 121   | 86,330831  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=98, hop limit=0 (request in 120)  |
| 122   | 86,380145  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=99, hop limit=0 (reply in 124)  |
| 123   | 87,387282  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=100, hop limit=0 (reply in 125) |
| 124   | 87,901085  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=99, hop limit=0 (request in 122)  |
| 125   | 88,063955  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=100, hop limit=0 (request in 123) |
| 126   | 88,387449  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=101, hop limit=0                |
| 127   | 89,395322  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=102, hop limit=0                |
| 128   | 90,403211  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=103, hop limit=0 (reply in 130) |
| 129   | 91,411354  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=104, hop limit=0                |
| 130   | 91,52762   | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=103, hop limit=0 (request in 128) |
| 131   | 92,411973  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=105, hop limit=0                |
| 132   | 93,41938   | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=106, hop limit=0                |
| 133   | 94,427313  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=107, hop limit=0                |
| 134   | 95,43528   | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=108, hop limit=0 (reply in 136) |
| 135   | 96,443254  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=109, hop limit=0                |
| 136   | 97,009463  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=108, hop limit=0 (request in 134) |
| 137   | 97,443107  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=110, hop limit=0                |
| 138   | 98,451283  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=111, hop limit=0                |
| 139   | 99,459326  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=112, hop limit=0                |
| 140   | 100,467392 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=113, hop limit=0                |
| 141   | 101,475332 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=114, hop limit=0 (reply in 143) |
| 142   | 102,483353 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=115, hop limit=0 (reply in 145) |
| 143   | 102,483427 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=114, hop limit=0 (request in 141) |
| 144   | 103,491331 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=116, hop limit=0                |
| 145   | 103,975591 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=115, hop limit=0 (request in 142) |
| 146   | 104,492326 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=117, hop limit=0 (reply in 147) |
| 147   | 105,411966 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=117, hop limit=0 (request in 146) |
| 148   | 105,492228 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=118, hop limit=0 (reply in 150) |
| 149   | 106,499362 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=119, hop limit=0                |
| 150   | 106,853173 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=118, hop limit=0 (request in 148) |
| 151   | 107,50099  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=120, hop limit=0 (reply in 152) |
| 152   | 108,281502 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=120, hop limit=0 (request in 151) |
| 153   | 108,500986 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=121, hop limit=0 (reply in 155) |
| 154   | 109,507327 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=122, hop limit=0                |
| 155   | 109,734875 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=121, hop limit=0 (request in 153) |
| 156   | 110,508939 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=123, hop limit=0 (reply in 157) |
| 157   | 111,151133 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=123, hop limit=0 (request in 156) |
| 158   | 111,508691 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=124, hop limit=0 (reply in 160) |
| 159   | 112,515366 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=125, hop limit=0                |
| 160   | 112,589508 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=124, hop limit=0 (request in 158) |
| 161   | 113,516639 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=126, hop limit=0                |
| 162   | 114,523323 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=127, hop limit=0                |
| 163   | 115,531337 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=128, hop limit=0                |



| PRUEBAS ENVÍO DE PAQUETES NODO 7 RPL, LPL DE 1024 ms A 65 m |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 164   | 116,539281 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=129, hop limit=0                |
| 165   | 117,547362 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=130, hop limit=0 (reply in 167) |
| 166   | 118,55529  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=131, hop limit=0                |
| 167   | 119,10031  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=130, hop limit=0 (request in 165) |
| 168   | 119,554913 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=132, hop limit=0 (reply in 169) |
| 169   | 120,533685 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=132, hop limit=0 (request in 168) |
| 170   | 120,555014 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=133, hop limit=0 (reply in 172) |
| 171   | 121,563299 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=134, hop limit=0                |
| 172   | 122,018932 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=133, hop limit=0 (request in 170) |
| 173   | 122,563715 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=135, hop limit=0 (reply in 174) |
| 174   | 123,46023  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=135, hop limit=0 (request in 173) |
| 175   | 123,563499 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=136, hop limit=0 (reply in 177) |
| 176   | 124,571314 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=137, hop limit=0                |
| 177   | 124,902433 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=136, hop limit=0 (request in 175) |
| 178   | 125,572375 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=138, hop limit=0                |
| 179   | 126,579306 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=139, hop limit=0                |
| 180   | 127,587306 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=140, hop limit=0 (reply in 181) |
| 181   | 128,35371  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=140, hop limit=0 (request in 180) |
| 182   | 128,587143 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=141, hop limit=0 (reply in 184) |
| 183   | 129,595249 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=142, hop limit=0                |
| 184   | 129,797968 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=141, hop limit=0 (request in 182) |
| 185   | 130,596983 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=143, hop limit=0 (reply in 186) |
| 186   | 131,225356 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=143, hop limit=0 (request in 185) |
| 187   | 131,596898 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=144, hop limit=0 (reply in 189) |
| 188   | 132,603382 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=145, hop limit=0                |
| 189   | 132,659599 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=144, hop limit=0 (request in 187) |
| 190   | 133,60483  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=146, hop limit=0                |
| 191   | 134,611358 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=147, hop limit=0                |
| 192   | 135,619364 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=148, hop limit=0                |
| 193   | 136,627273 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=149, hop limit=0 (reply in 195) |
| 194   | 137,635385 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=150, hop limit=0                |
| 195   | 138,17512  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=149, hop limit=0 (request in 193) |
| 196   | 138,635741 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=151, hop limit=0                |
| 197   | 139,643335 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=152, hop limit=0                |
| 198   | 140,6513   | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=153, hop limit=0 (reply in 199) |
| 199   | 141,62736  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=153, hop limit=0 (request in 198) |
| 200   | 141,650555 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=154, hop limit=0 (reply in 202) |
| 201   | 142,659291 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=155, hop limit=0                |
| 202   | 143,087522 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=154, hop limit=0 (request in 200) |
| 203   | 143,659329 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=156, hop limit=0 (reply in 204) |
| 204   | 144,519769 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=156, hop limit=0 (request in 203) |
| 205   | 144,659148 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=157, hop limit=0 (reply in 207) |
| 206   | 145,667345 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=158, hop limit=0                |
| 207   | 145,960899 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=157, hop limit=0 (request in 205) |
| 208   | 146,668898 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=159, hop limit=0 (reply in 209) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 RPL, LPL DE 1024 ms A 65 m |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 209   | 147,395112 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=159, hop limit=0 (request in 208) |
| 210   | 147,66854  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=160, hop limit=0 (reply in 212) |
| 211   | 148,675331 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=161, hop limit=0                |
| 212   | 148,841529 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=160, hop limit=0 (request in 210) |
| 213   | 149,676655 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=162, hop limit=0 (reply in 215) |
| 214   | 150,683343 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=163, hop limit=0                |
| 215   | 151,278272 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=162, hop limit=0 (request in 213) |
| 216   | 151,682911 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=164, hop limit=0                |
| 217   | 152,691333 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=165, hop limit=0                |
| 218   | 153,699306 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=166, hop limit=0 (reply in 220) |
| 219   | 154,707296 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=167, hop limit=0 (reply in 222) |
| 220   | 154,733494 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=166, hop limit=0 (request in 218) |
| 221   | 155,707897 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=168, hop limit=0                |
| 222   | 156,208648 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=167, hop limit=0 (request in 219) |
| 223   | 156,707998 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=169, hop limit=0 (reply in 224) |
| 224   | 157,644009 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=169, hop limit=0 (request in 223) |
| 225   | 157,707304 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=170, hop limit=0 (reply in 227) |
| 226   | 158,715374 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=171, hop limit=0                |
| 227   | 159,091159 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=170, hop limit=0 (request in 225) |
| 228   | 159,716083 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=172, hop limit=0                |
| 229   | 160,723379 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=173, hop limit=0                |
| 230   | 161,731379 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=174, hop limit=0 (reply in 231) |
| 231   | 162,542371 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=174, hop limit=0 (request in 230) |
| 232   | 162,730724 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=175, hop limit=0 (reply in 234) |
| 233   | 163,739384 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=176, hop limit=0                |
| 234   | 163,982631 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=175, hop limit=0 (request in 232) |
| 235   | 164,740619 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=177, hop limit=0 (reply in 236) |
| 236   | 165,414825 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=177, hop limit=0 (request in 235) |
| 237   | 165,740306 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=178, hop limit=0 (reply in 239) |
| 238   | 166,747387 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=179, hop limit=0                |
| 239   | 166,863279 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=178, hop limit=0 (request in 237) |
| 240   | 167,74845  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=180, hop limit=0                |
| 241   | 168,755266 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=181, hop limit=0 (reply in 243) |
| 242   | 169,763332 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=182, hop limit=0                |
| 243   | 170,322374 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=181, hop limit=0 (request in 241) |
| 244   | 170,762952 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=183, hop limit=0 (reply in 245) |
| 245   | 171,749662 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=183, hop limit=0 (request in 244) |
| 246   | 171,762933 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=184, hop limit=0                |
| 247   | 172,771283 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=185, hop limit=0                |
| 248   | 173,779281 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=186, hop limit=0 (reply in 250) |
| 249   | 174,787346 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=187, hop limit=0                |
| 250   | 175,245914 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=186, hop limit=0 (request in 248) |
| 251   | 175,787743 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=188, hop limit=0                |
| 252   | 176,795317 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=189, hop limit=0                |
| 253   | 177,803359 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=190, hop limit=0 (reply in 254) |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 RPL, LPL DE 1024 ms A 65 m |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 254   | 178,696286 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=190, hop limit=0 (request in 253) |
| 255   | 178,802666 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=191, hop limit=0 (reply in 257) |
| 256   | 179,811352 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=192, hop limit=0                |
| 257   | 180,130505 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=191, hop limit=0 (request in 255) |
| 258   | 180,811371 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=193, hop limit=0 (reply in 259) |
| 259   | 181,561789 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=193, hop limit=0 (request in 258) |
| 260   | 181,811287 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=194, hop limit=0                |
| 261   | 182,819368 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=195, hop limit=0                |
| 262   | 183,827364 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=196, hop limit=0                |
| 263   | 184,835364 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=197, hop limit=0                |
| 264   | 185,843382 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=198, hop limit=0 (reply in 266) |
| 265   | 186,851351 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=199, hop limit=0 (reply in 267) |
| 266   | 187,328883 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=198, hop limit=0 (request in 264) |
| 267   | 187,53783  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=199, hop limit=0 (request in 265) |
| 268   | 187,851336 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=200, hop limit=0 (reply in 270) |
| 269   | 188,859312 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=201, hop limit=0                |
| 270   | 188,989165 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=200, hop limit=0 (request in 268) |
| 271   | 189,861241 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=202, hop limit=0                |
| 272   | 190,861203 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=203, hop limit=0                |
| 273   | 191,861179 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=204, hop limit=0 (reply in 275) |
| 274   | 192,861211 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=205, hop limit=0                |
| 275   | 193,444723 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=204, hop limit=0 (request in 273) |
| 276   | 193,861305 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=206, hop limit=0                |
| 277   | 194,861226 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=207, hop limit=0                |
| 278   | 195,861204 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=208, hop limit=0 (reply in 280) |
| 279   | 196,861151 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=209, hop limit=0                |
| 280   | 196,902299 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=208, hop limit=0 (request in 278) |
| 281   | 197,862469 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=210, hop limit=0                |
| 282   | 198,871378 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=211, hop limit=0                |
| 283   | 199,879382 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=212, hop limit=0                |
| 284   | 200,887361 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=213, hop limit=0                |
| 285   | 201,895351 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=214, hop limit=0                |
| 286   | 202,903278 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=215, hop limit=0                |
| 287   | 203,91138  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=216, hop limit=0                |
| 288   | 204,919277 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=217, hop limit=0 (reply in 290) |
| 289   | 205,927294 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=218, hop limit=0                |
| 290   | 206,444307 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=217, hop limit=0 (request in 288) |
| 291   | 206,927027 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=219, hop limit=0 (reply in 292) |
| 292   | 207,876559 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=219, hop limit=0 (request in 291) |
| 293   | 207,926892 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=220, hop limit=0 (reply in 295) |
| 294   | 208,935357 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=221, hop limit=0 (reply in 296) |
| 295   | 209,448767 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=220, hop limit=0 (request in 293) |
| 296   | 209,612643 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=221, hop limit=0 (request in 294) |
| 297   | 209,935221 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=222, hop limit=0 (reply in 299) |
| 298   | 210,943367 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=223, hop limit=0                |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 RPL, LPL DE 1024 ms A 65 m |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 299   | 211,059932 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=222, hop limit=0 (request in 297) |
| 300   | 211,944075 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=224, hop limit=0                |
| 301   | 212,951256 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=225, hop limit=0 (reply in 303) |
| 302   | 213,959357 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=226, hop limit=0                |
| 303   | 214,51823  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=225, hop limit=0 (request in 301) |
| 304   | 214,959841 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=227, hop limit=0 (reply in 305) |
| 305   | 215,950524 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=227, hop limit=0 (request in 304) |
| 306   | 215,958856 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=228, hop limit=0 (reply in 308) |
| 307   | 216,967335 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=229, hop limit=0                |
| 308   | 217,413747 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=228, hop limit=0 (request in 306) |
| 309   | 217,967456 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=230, hop limit=0 (reply in 310) |
| 310   | 218,845154 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=230, hop limit=0 (request in 309) |
| 311   | 218,967417 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=231, hop limit=0                |
| 312   | 219,975338 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=232, hop limit=0                |
| 313   | 220,983286 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=233, hop limit=0 (reply in 315) |
| 314   | 221,991305 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=234, hop limit=0                |
| 315   | 222,301279 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=233, hop limit=0 (request in 313) |
| 316   | 222,990992 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=235, hop limit=0 (reply in 317) |
| 317   | 223,732551 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=235, hop limit=0 (request in 316) |
| 318   | 223,990984 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=236, hop limit=0 (reply in 320) |
| 319   | 224,999272 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=237, hop limit=0                |
| 320   | 225,191814 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=236, hop limit=0 (request in 318) |
| 321   | 225,999879 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=238, hop limit=0 (reply in 322) |
| 322   | 226,598189 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=238, hop limit=0 (request in 321) |
| 323   | 226,999829 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=239, hop limit=0 (reply in 325) |
| 324   | 228,007288 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=240, hop limit=0 (reply in 327) |
| 325   | 228,030529 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=239, hop limit=0 (request in 323) |
| 326   | 229,007681 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=241, hop limit=0                |
| 327   | 229,496526 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=240, hop limit=0 (request in 324) |
| 328   | 230,008216 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=242, hop limit=0 (reply in 329) |
| 329   | 230,925945 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=242, hop limit=0 (request in 328) |
| 330   | 231,008321 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=243, hop limit=0 (reply in 332) |
| 331   | 232,015303 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=244, hop limit=0                |
| 332   | 232,364196 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=243, hop limit=0 (request in 330) |
| 333   | 233,016123 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=245, hop limit=0 (reply in 334) |
| 334   | 233,798409 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=245, hop limit=0 (request in 333) |
| 335   | 234,016793 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=246, hop limit=0 (reply in 337) |
| 336   | 235,023383 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=247, hop limit=0                |
| 337   | 235,245657 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=246, hop limit=0 (request in 335) |
| 338   | 236,024715 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=248, hop limit=0 (reply in 339) |
| 339   | 236,665946 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=248, hop limit=0 (request in 338) |
| 340   | 237,025583 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=249, hop limit=0                |
| 341   | 238,02524  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=250, hop limit=0                |
| 342   | 239,025237 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=251, hop limit=0                |
| 343   | 240,025236 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=252, hop limit=0                |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 RPL, LPL DE 1024 ms A 65 m |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 344   | 241,025225 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=253, hop limit=0 (reply in 346) |
| 345   | 242,025242 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=254, hop limit=0                |
| 346   | 242,143319 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=253, hop limit=0 (request in 344) |
| 347   | 243,026427 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=255, hop limit=0                |
| 348   | 244,035323 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=256, hop limit=0                |
| 349   | 245,043291 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=257, hop limit=0                |
| 350   | 246,051307 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=258, hop limit=0 (reply in 352) |
| 351   | 247,059273 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=259, hop limit=0                |
| 352   | 247,627663 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=258, hop limit=0 (request in 350) |
| 353   | 248,059953 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=260, hop limit=0                |
| 354   | 249,067371 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=261, hop limit=0                |
| 355   | 250,075332 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=262, hop limit=0 (reply in 357) |
| 356   | 251,083318 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=263, hop limit=0                |
| 357   | 251,188186 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=262, hop limit=0 (request in 355) |
| 358   | 252,084289 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=264, hop limit=0                |
| 359   | 253,091279 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=265, hop limit=0 (reply in 361) |
| 360   | 254,099358 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=266, hop limit=0                |
| 361   | 254,644704 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=265, hop limit=0 (request in 359) |
| 362   | 255,100445 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=267, hop limit=0 (reply in 363) |
| 363   | 256,076136 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=267, hop limit=0 (request in 362) |
| 364   | 256,100351 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=268, hop limit=0 (reply in 366) |
| 365   | 257,107287 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=269, hop limit=0                |
| 366   | 257,563452 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=268, hop limit=0 (request in 364) |
| 367   | 258,108237 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=270, hop limit=0 (reply in 368) |
| 368   | 259,002751 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=270, hop limit=0 (request in 367) |
| 369   | 259,109124 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=271, hop limit=0 (reply in 371) |
| 370   | 260,109241 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=272, hop limit=0                |
| 371   | 260,437102 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=271, hop limit=0 (request in 369) |
| 372   | 261,110023 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=273, hop limit=0 (reply in 373) |
| 373   | 261,875457 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=273, hop limit=0 (request in 372) |
| 374   | 262,110939 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=274, hop limit=0 (reply in 376) |
| 375   | 263,119312 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=275, hop limit=0                |
| 376   | 263,331681 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=274, hop limit=0 (request in 374) |
| 377   | 264,120771 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=276, hop limit=0                |
| 378   | 265,127325 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=277, hop limit=0                |
| 379   | 266,135281 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=278, hop limit=0 (reply in 380) |
| 380   | 266,76496  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=278, hop limit=0 (request in 379) |
| 381   | 267,13656  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=279, hop limit=0 (reply in 383) |
| 382   | 268,143346 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=280, hop limit=0                |
| 383   | 268,199335 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=279, hop limit=0 (request in 381) |
| 384   | 269,144536 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=281, hop limit=0                |
| 385   | 270,151345 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=282, hop limit=0                |
| 386   | 271,159287 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=283, hop limit=0                |
| 387   | 272,167285 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=284, hop limit=0 (reply in 389) |
| 388   | 273,175381 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=285, hop limit=0                |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 RPL, LPL DE 1024 ms A 65 m |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 389   | 273,713554 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=284, hop limit=0 (request in 387) |
| 390   | 274,176199 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=286, hop limit=0 (reply in 391) |
| 391   | 275,154802 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=286, hop limit=0 (request in 390) |
| 392   | 275,176025 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=287, hop limit=0 (reply in 394) |
| 393   | 276,183351 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=288, hop limit=0                |
| 394   | 276,628871 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=287, hop limit=0 (request in 392) |
| 395   | 277,18429  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=289, hop limit=0 (reply in 396) |
| 396   | 278,062243 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=289, hop limit=0 (request in 395) |
| 397   | 278,183483 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=290, hop limit=0 (reply in 399) |
| 398   | 279,19131  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=291, hop limit=0                |
| 399   | 279,511387 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=290, hop limit=0 (request in 397) |
| 400   | 280,192339 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=292, hop limit=0 (reply in 401) |
| 401   | 280,951762 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=292, hop limit=0 (request in 400) |
| 402   | 281,193286 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=293, hop limit=0 (reply in 404) |
| 403   | 282,193205 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=294, hop limit=0                |
| 404   | 282,396063 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=293, hop limit=0 (request in 402) |
| 405   | 283,193741 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=295, hop limit=0 (reply in 406) |
| 406   | 283,823468 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=295, hop limit=0 (request in 405) |
| 407   | 284,195048 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=296, hop limit=0 (reply in 409) |
| 408   | 285,203322 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=297, hop limit=0                |
| 409   | 285,25472  | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=296, hop limit=0 (request in 407) |
| 410   | 286,204945 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=298, hop limit=0                |
| 411   | 287,211367 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=299, hop limit=0                |
| 412   | 288,219276 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=300, hop limit=0                |
| 413   | 289,227353 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=301, hop limit=0 (reply in 415) |
| 414   | 290,23531  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=302, hop limit=0                |
| 415   | 290,765187 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=301, hop limit=0 (request in 413) |
| 416   | 291,236864 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=303, hop limit=0                |
| 417   | 292,243364 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=304, hop limit=0                |
| 418   | 293,251273 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=305, hop limit=0 (reply in 419) |
| 419   | 294,222471 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=305, hop limit=0 (request in 418) |
| 420   | 294,2508   | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=306, hop limit=0 (reply in 422) |
| 421   | 295,259317 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=307, hop limit=0                |
| 422   | 295,703599 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=306, hop limit=0 (request in 420) |
| 423   | 296,260423 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=308, hop limit=0 (reply in 424) |
| 424   | 297,137979 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=308, hop limit=0 (request in 423) |
| 425   | 297,260353 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=309, hop limit=0 (reply in 427) |
| 426   | 298,267348 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=310, hop limit=0                |
| 427   | 298,572173 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=309, hop limit=0 (request in 425) |
| 428   | 299,268046 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=311, hop limit=0                |
| 429   | 300,27525  | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=312, hop limit=0                |
| 430   | 301,283295 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=313, hop limit=0 (reply in 431) |
| 431   | 302,026545 | fec0::7   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=313, hop limit=0 (request in 430) |
| 432   | 302,282947 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=314, hop limit=0 (reply in 434) |
| 433   | 303,291288 | fec0::100 | fec0::7     | ICMPv6   | 1196   | Echo (ping) request id=0x323c, seq=315, hop limit=0                |

| PRUEBAS ENVÍO DE PAQUETES NODO 7 RPL, LPL DE 1024 ms A 65 m |            |         |             |          |        |  |
|---|------------|---------|-------------|----------|--------|--|
| No.   | Time       | Source  | Destination | Protocol | Length | Info   |
| 434   | 303,497354 | fec0::7 | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x323c, seq=314, hop limit=0 (request in 432) |

**Tabla 41. Test para el nodo 8 con 6Lowpan y con enrutamiento estático.**

| PRUEBAS ENVÍO DE PAQUETES NODO 8 ENRUTAMIENTO ESTÁTICO |           |           |             |          |        |  |
|--|-----------|-----------|-------------|----------|--------|--|
| No.  | Time      | Source    | Destination | Protocol | Length | Info   |
| 1  | 0         | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=19, hop limit=0 (reply in 3)  |
| 2  | 1,006467  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=20, hop limit=0               |
| 3  | 1,053863  | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=19, hop limit=0 (request in 1)  |
| 4  | 2,008003  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=21, hop limit=0 (reply in 6)  |
| 5  | 3,014465  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=22, hop limit=0               |
| 6  | 3,089886  | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=21, hop limit=0 (request in 4)  |
| 7  | 4,016029  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=23, hop limit=0 (reply in 9)  |
| 8  | 5,022485  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=24, hop limit=0 (reply in 11) |
| 9  | 5,042912  | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=23, hop limit=0 (request in 7)  |
| 10   | 6,024003  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=25, hop limit=0               |
| 11   | 6,110925  | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=24, hop limit=0 (request in 8)  |
| 12   | 7,024363  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=26, hop limit=0 (reply in 14) |
| 13   | 8,024368  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=27, hop limit=0               |
| 14   | 8,096949  | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=26, hop limit=0 (request in 12) |
| 15   | 9,026061  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=28, hop limit=0 (reply in 17) |
| 16   | 10,034471 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=29, hop limit=0               |
| 17   | 10,100959 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=28, hop limit=0 (request in 15) |
| 18   | 11,036085 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=30, hop limit=0 (reply in 20) |
| 19   | 12,04248  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=31, hop limit=0               |
| 20   | 12,119971 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=30, hop limit=0 (request in 18) |
| 21   | 13,044062 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=32, hop limit=0 (reply in 23) |
| 22   | 14,050471 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=33, hop limit=0 (reply in 25) |
| 23   | 14,071021 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=32, hop limit=0 (request in 21) |
| 24   | 15,052215 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=34, hop limit=0               |
| 25   | 15,133034 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=33, hop limit=0 (request in 22) |
| 26   | 16,054176 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=35, hop limit=0 (reply in 28) |
| 27   | 17,062467 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=36, hop limit=0               |
| 28   | 17,136037 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=35, hop limit=0 (request in 26) |
| 29   | 18,064163 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=37, hop limit=0 (reply in 31) |
| 30   | 19,070474 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=38, hop limit=0               |
| 31   | 19,131085 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=37, hop limit=0 (request in 29) |
| 32   | 20,072083 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=39, hop limit=0 (reply in 34) |
| 33   | 21,072377 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=40, hop limit=0               |
| 34   | 21,15711  | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=39, hop limit=0 (request in 32) |
| 35   | 22,074248 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=41, hop limit=0 (reply in 37) |
| 36   | 23,076356 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=42, hop limit=0               |
| 37   | 23,131134 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=41, hop limit=0 (request in 35) |
| 38   | 24,0783   | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=43, hop limit=0 (reply in 40) |

| PRUEBAS ENVÍO DE PAQUETES NODO 8 ENRUTAMIENTO ESTÁTICO |           |           |             |          |        |  |
|--|-----------|-----------|-------------|----------|--------|--|
| No.  | Time      | Source    | Destination | Protocol | Length | Info   |
| 39   | 25,086473 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=44, hop limit=0               |
| 40   | 25,151156 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=43, hop limit=0 (request in 38) |
| 41   | 26,088332 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=45, hop limit=0 (reply in 43) |
| 42   | 27,088376 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=46, hop limit=0               |
| 43   | 27,122184 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=45, hop limit=0 (request in 41) |
| 44   | 28,090363 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=47, hop limit=0 (reply in 46) |
| 45   | 29,098471 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=48, hop limit=0               |
| 46   | 29,160206 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=47, hop limit=0 (request in 44) |
| 47   | 30,100372 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=49, hop limit=0 (reply in 49) |
| 48   | 31,100372 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=50, hop limit=0               |
| 49   | 31,156237 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=49, hop limit=0 (request in 47) |
| 50   | 32,101405 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=51, hop limit=0 (reply in 52) |
| 51   | 33,110466 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=52, hop limit=0               |
| 52   | 33,175257 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=51, hop limit=0 (request in 50) |
| 53   | 34,112364 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=53, hop limit=0 (reply in 55) |
| 54   | 35,112354 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=54, hop limit=0               |
| 55   | 35,184283 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=53, hop limit=0 (request in 53) |
| 56   | 36,113433 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=55, hop limit=0 (reply in 58) |
| 57   | 37,122487 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=56, hop limit=0               |
| 58   | 37,163287 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=55, hop limit=0 (request in 56) |
| 59   | 38,124406 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=57, hop limit=0 (reply in 61) |
| 60   | 39,124408 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=58, hop limit=0               |
| 61   | 39,159326 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=57, hop limit=0 (request in 59) |
| 62   | 40,125512 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=59, hop limit=0 (reply in 64) |
| 63   | 41,134526 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=60, hop limit=0               |
| 64   | 41,208345 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=59, hop limit=0 (request in 62) |
| 65   | 42,13634  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=61, hop limit=0 (reply in 67) |
| 66   | 43,136398 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=62, hop limit=0               |
| 67   | 43,191372 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=61, hop limit=0 (request in 65) |
| 68   | 44,137533 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=63, hop limit=0 (reply in 70) |
| 69   | 45,146441 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=64, hop limit=0               |
| 70   | 45,189396 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=63, hop limit=0 (request in 68) |
| 71   | 46,147538 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=65, hop limit=0 (reply in 73) |
| 72   | 47,154469 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=66, hop limit=0               |
| 73   | 47,220393 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=65, hop limit=0 (request in 71) |
| 74   | 48,155549 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=67, hop limit=0 (reply in 76) |
| 75   | 49,16247  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=68, hop limit=0               |
| 76   | 49,232447 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=67, hop limit=0 (request in 74) |
| 77   | 50,163563 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=69, hop limit=0 (reply in 79) |
| 78   | 51,170477 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=70, hop limit=0               |
| 79   | 51,248472 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=69, hop limit=0 (request in 77) |
| 80   | 52,171613 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=71, hop limit=0 (reply in 82) |
| 81   | 53,178484 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=72, hop limit=0               |
| 82   | 53,279497 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=71, hop limit=0 (request in 80) |
| 83   | 54,179611 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=73, hop limit=0 (reply in 85) |



| PRUEBAS ENVÍO DE PAQUETES NODO 8 ENRUTAMIENTO ESTÁTICO |           |           |             |          |        |  |
|--|-----------|-----------|-------------|----------|--------|--|
| No.  | Time      | Source    | Destination | Protocol | Length | Info   |
| 84   | 55,186496 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=74, hop limit=0                 |
| 85   | 55,220526 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=73, hop limit=0 (request in 83)   |
| 86   | 56,187709 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=75, hop limit=0 (reply in 88)   |
| 87   | 57,194504 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=76, hop limit=0                 |
| 88   | 57,235545 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=75, hop limit=0 (request in 86)   |
| 89   | 58,195711 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=77, hop limit=0 (reply in 91)   |
| 90   | 59,202448 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=78, hop limit=0                 |
| 91   | 59,254569 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=77, hop limit=0 (request in 89)   |
| 92   | 60,203733 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=79, hop limit=0 (reply in 94)   |
| 93   | 61,210472 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=80, hop limit=0                 |
| 94   | 61,28259  | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=79, hop limit=0 (request in 92)   |
| 95   | 62,211733 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=81, hop limit=0 (reply in 97)   |
| 96   | 63,218469 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=82, hop limit=0                 |
| 97   | 63,262615 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=81, hop limit=0 (request in 95)   |
| 98   | 64,219783 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=83, hop limit=0 (reply in 100)  |
| 99   | 65,226474 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=84, hop limit=0                 |
| 100  | 65,305638 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=83, hop limit=0 (request in 98)   |
| 101  | 66,227773 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=85, hop limit=0 (reply in 103)  |
| 102  | 67,234475 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=86, hop limit=0                 |
| 103  | 67,303668 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=85, hop limit=0 (request in 101)  |
| 104  | 68,234942 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=87, hop limit=0 (reply in 106)  |
| 105  | 69,236361 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=88, hop limit=0                 |
| 106  | 69,311691 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=87, hop limit=0 (request in 104)  |
| 107  | 70,237828 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=89, hop limit=0 (reply in 109)  |
| 108  | 71,24036  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=90, hop limit=0                 |
| 109  | 71,318697 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=89, hop limit=0 (request in 107)  |
| 110  | 72,241837 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=91, hop limit=0 (reply in 112)  |
| 111  | 73,250442 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=92, hop limit=0                 |
| 112  | 73,336737 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=91, hop limit=0 (request in 110)  |
| 113  | 74,251663 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=93, hop limit=0 (reply in 115)  |
| 114  | 75,258487 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=94, hop limit=0                 |
| 115  | 75,319762 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=93, hop limit=0 (request in 113)  |
| 116  | 76,25992  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=95, hop limit=0 (reply in 118)  |
| 117  | 77,266467 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=96, hop limit=0                 |
| 118  | 77,338785 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=95, hop limit=0 (request in 116)  |
| 119  | 78,267924 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=97, hop limit=0 (reply in 121)  |
| 120  | 79,274464 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=98, hop limit=0                 |
| 121  | 79,338808 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=97, hop limit=0 (request in 119)  |
| 122  | 80,275957 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=99, hop limit=0 (reply in 124)  |
| 123  | 81,282475 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=100, hop limit=0                |
| 124  | 81,327835 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=99, hop limit=0 (request in 122)  |
| 125  | 82,284005 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=101, hop limit=0 (reply in 127) |
| 126  | 83,290475 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=102, hop limit=0                |
| 127  | 83,34586  | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=101, hop limit=0 (request in 125) |
| 128  | 84,292017 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=103, hop limit=0 (reply in 130) |

| PRUEBAS ENVÍO DE PAQUETES NODO 8 ENRUTAMIENTO ESTÁTICO |            |           |             |          |        |  |
|--|------------|-----------|-------------|----------|--------|--|
| No.  | Time       | Source    | Destination | Protocol | Length | Info   |
| 129  | 85,298473  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=104, hop limit=0                |
| 130  | 85,363883  | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=103, hop limit=0 (request in 128) |
| 131  | 86,300034  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=105, hop limit=0 (reply in 133) |
| 132  | 87,306448  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=106, hop limit=0                |
| 133  | 87,390908  | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=105, hop limit=0 (request in 131) |
| 134  | 88,307998  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=107, hop limit=0 (reply in 136) |
| 135  | 89,314477  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=108, hop limit=0                |
| 136  | 89,377931  | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=107, hop limit=0 (request in 134) |
| 137  | 90,31605   | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=109, hop limit=0 (reply in 139) |
| 138  | 91,322438  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=110, hop limit=0                |
| 139  | 91,374963  | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=109, hop limit=0 (request in 137) |
| 140  | 92,324129  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=111, hop limit=0 (reply in 142) |
| 141  | 93,330469  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=112, hop limit=0                |
| 142  | 93,387968  | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=111, hop limit=0 (request in 140) |
| 143  | 94,332155  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=113, hop limit=0 (reply in 145) |
| 144  | 95,338464  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=114, hop limit=0 (reply in 147) |
| 145  | 95,358006  | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=113, hop limit=0 (request in 143) |
| 146  | 96,340198  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=115, hop limit=0                |
| 147  | 96,432972  | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=114, hop limit=0 (request in 144) |
| 148  | 97,342078  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=116, hop limit=0 (reply in 150) |
| 149  | 98,350468  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=117, hop limit=0                |
| 150  | 98,397011  | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=116, hop limit=0 (request in 148) |
| 151  | 99,352109  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=118, hop limit=0 (reply in 153) |
| 152  | 100,358471 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=119, hop limit=0                |
| 153  | 100,403065 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=118, hop limit=0 (request in 151) |
| 154  | 101,360235 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=120, hop limit=0 (reply in 156) |
| 155  | 102,360372 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=121, hop limit=0                |
| 156  | 102,44809  | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=120, hop limit=0 (request in 154) |
| 157  | 103,362189 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=122, hop limit=0 (reply in 159) |
| 158  | 104,370467 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=123, hop limit=0                |
| 159  | 104,426118 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=122, hop limit=0 (request in 157) |
| 160  | 105,372239 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=124, hop limit=0 (reply in 162) |
| 161  | 106,372369 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=125, hop limit=0                |
| 162  | 106,444138 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=124, hop limit=0 (request in 160) |
| 163  | 107,374281 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=126, hop limit=0 (reply in 165) |
| 164  | 108,382486 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=127, hop limit=0                |
| 165  | 108,454165 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=126, hop limit=0 (request in 163) |
| 166  | 109,383638 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=128, hop limit=0 (reply in 168) |
| 167  | 110,3905   | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=129, hop limit=0                |
| 168  | 110,442189 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=128, hop limit=0 (request in 166) |
| 169  | 111,392083 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=130, hop limit=0 (reply in 171) |
| 170  | 112,39849  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=131, hop limit=0                |
| 171  | 112,455213 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=130, hop limit=0 (request in 169) |
| 172  | 113,400363 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=132, hop limit=0 (reply in 174) |
| 173  | 114,400377 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=133, hop limit=0                |

| PRUEBAS ENVÍO DE PAQUETES NODO 8 ENRUTAMIENTO ESTÁTICO |            |           |             |          |        |  |
|--|------------|-----------|-------------|----------|--------|--|
| No.  | Time       | Source    | Destination | Protocol | Length | Info   |
| 174  | 114,473239 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=132, hop limit=0 (request in 172) |
| 175  | 115,401393 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=134, hop limit=0 (reply in 177) |
| 176  | 116,410441 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=135, hop limit=0 (reply in 179) |
| 177  | 116,433259 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=134, hop limit=0 (request in 175) |
| 178  | 117,412347 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=136, hop limit=0 (reply in 181) |
| 179  | 117,432276 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=135, hop limit=0 (request in 176) |
| 180  | 118,413479 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=137, hop limit=0                |
| 181  | 118,477283 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=136, hop limit=0 (request in 178) |
| 182  | 119,415435 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=138, hop limit=0 (reply in 184) |
| 183  | 120,42246  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=139, hop limit=0                |
| 184  | 120,48631  | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=138, hop limit=0 (request in 182) |
| 185  | 121,423462 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=140, hop limit=0 (reply in 187) |
| 186  | 122,43047  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=141, hop limit=0                |
| 187  | 122,492329 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=140, hop limit=0 (request in 185) |
| 188  | 123,431487 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=142, hop limit=0 (reply in 190) |
| 189  | 124,438525 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=143, hop limit=0                |
| 190  | 124,524361 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=142, hop limit=0 (request in 188) |
| 191  | 125,4405   | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=144, hop limit=0 (reply in 193) |
| 192  | 126,440402 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=145, hop limit=0                |
| 193  | 126,480381 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=144, hop limit=0 (request in 191) |
| 194  | 127,441554 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=146, hop limit=0 (reply in 196) |
| 195  | 128,450468 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=147, hop limit=0                |
| 196  | 128,485406 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=146, hop limit=0 (request in 194) |
| 197  | 129,451551 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=148, hop limit=0 (reply in 199) |
| 198  | 130,458473 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=149, hop limit=0                |
| 199  | 130,499429 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=148, hop limit=0 (request in 197) |
| 200  | 131,459608 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=150, hop limit=0 (reply in 202) |
| 201  | 132,46651  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=151, hop limit=0                |
| 202  | 132,535408 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=150, hop limit=0 (request in 200) |
| 203  | 133,467536 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=152, hop limit=0 (reply in 205) |
| 204  | 134,474545 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=153, hop limit=0                |
| 205  | 134,544472 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=152, hop limit=0 (request in 203) |
| 206  | 135,475613 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=154, hop limit=0 (reply in 208) |
| 207  | 136,482483 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=155, hop limit=0                |
| 208  | 136,553503 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=154, hop limit=0 (request in 206) |
| 209  | 137,483656 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=156, hop limit=0 (reply in 211) |
| 210  | 138,490473 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=157, hop limit=0                |
| 211  | 138,524533 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=156, hop limit=0 (request in 209) |
| 212  | 139,491709 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=158, hop limit=0 (reply in 214) |
| 213  | 140,49847  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=159, hop limit=0                |
| 214  | 140,53355  | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=158, hop limit=0 (request in 212) |
| 215  | 141,499728 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=160, hop limit=0 (reply in 217) |
| 216  | 142,506475 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=161, hop limit=0                |
| 217  | 142,553574 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=160, hop limit=0 (request in 215) |
| 218  | 143,507155 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=162, hop limit=0 (reply in 220) |

| PRUEBAS ENVÍO DE PAQUETES NODO 8 ENRUTAMIENTO ESTÁTICO |            |           |             |          |        |  |
|--|------------|-----------|-------------|----------|--------|--|
| No.  | Time       | Source    | Destination | Protocol | Length | Info   |
| 219  | 144,514502 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=163, hop limit=0                |
| 220  | 144,585605 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=162, hop limit=0 (request in 218) |
| 221  | 145,515754 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=164, hop limit=0 (reply in 223) |
| 222  | 146,516385 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=165, hop limit=0                |
| 223  | 146,608629 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=164, hop limit=0 (request in 221) |
| 224  | 147,517761 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=166, hop limit=0 (reply in 226) |
| 225  | 148,526479 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=167, hop limit=0                |
| 226  | 148,599651 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=166, hop limit=0 (request in 224) |
| 227  | 149,527798 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=168, hop limit=0 (reply in 229) |
| 228  | 150,52839  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=169, hop limit=0                |
| 229  | 150,606674 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=168, hop limit=0 (request in 227) |
| 230  | 151,529807 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=170, hop limit=0 (reply in 232) |
| 231  | 152,538481 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=171, hop limit=0                |
| 232  | 152,578695 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=170, hop limit=0 (request in 230) |
| 233  | 153,539876 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=172, hop limit=0 (reply in 235) |
| 234  | 154,546474 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=173, hop limit=0                |
| 235  | 154,611722 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=172, hop limit=0 (request in 233) |
| 236  | 155,547841 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=174, hop limit=0 (reply in 238) |
| 237  | 156,554472 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=175, hop limit=0                |
| 238  | 156,638747 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=174, hop limit=0 (request in 236) |
| 239  | 157,555879 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=176, hop limit=0 (reply in 241) |
| 240  | 158,562496 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=177, hop limit=0                |
| 241  | 158,61777  | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=176, hop limit=0 (request in 239) |
| 242  | 159,56395  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=178, hop limit=0 (reply in 244) |
| 243  | 160,570471 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=179, hop limit=0                |
| 244  | 160,642795 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=178, hop limit=0 (request in 242) |
| 245  | 161,57194  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=180, hop limit=0 (reply in 247) |
| 246  | 162,578474 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=181, hop limit=0                |
| 247  | 162,649825 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=180, hop limit=0 (request in 245) |
| 248  | 163,579973 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=182, hop limit=0 (reply in 250) |
| 249  | 164,580355 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=183, hop limit=0                |
| 250  | 164,625847 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=182, hop limit=0 (request in 248) |
| 251  | 165,582015 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=184, hop limit=0 (reply in 253) |
| 252  | 166,590483 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=185, hop limit=0 (reply in 255) |
| 253  | 166,617869 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=184, hop limit=0 (request in 251) |
| 254  | 167,592057 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=186, hop limit=0                |
| 255  | 167,662882 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=185, hop limit=0 (request in 252) |
| 256  | 168,594029 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=187, hop limit=0 (reply in 258) |
| 257  | 169,596355 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=188, hop limit=0                |
| 258  | 169,624905 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=187, hop limit=0 (request in 256) |
| 259  | 170,598093 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=189, hop limit=0 (reply in 261) |
| 260  | 171,606493 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=190, hop limit=0                |
| 261  | 171,65293  | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=189, hop limit=0 (request in 259) |
| 262  | 172,608101 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=191, hop limit=0 (reply in 264) |
| 263  | 173,6084   | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=192, hop limit=0                |

| PRUEBAS ENVÍO DE PAQUETES NODO 8 ENRUTAMIENTO ESTÁTICO |            |           |             |          |        |  |
|--|------------|-----------|-------------|----------|--------|--|
| No.  | Time       | Source    | Destination | Protocol | Length | Info   |
| 264  | 173,665953 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=191, hop limit=0 (request in 262) |
| 265  | 174,610115 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=193, hop limit=0 (reply in 267) |
| 266  | 175,612379 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=194, hop limit=0                |
| 267  | 175,677977 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=193, hop limit=0 (request in 265) |
| 268  | 176,61413  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=195, hop limit=0 (reply in 270) |
| 269  | 177,622469 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=196, hop limit=0                |
| 270  | 177,668001 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=195, hop limit=0 (request in 268) |
| 271  | 178,624156 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=197, hop limit=0 (reply in 273) |
| 272  | 179,630442 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=198, hop limit=0 (reply in 275) |
| 273  | 179,656025 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=197, hop limit=0 (request in 271) |
| 274  | 180,632225 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=199, hop limit=0                |
| 275  | 180,676037 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=198, hop limit=0 (request in 272) |
| 276  | 181,634185 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=200, hop limit=0 (reply in 278) |
| 277  | 182,642467 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=201, hop limit=0                |
| 278  | 182,738065 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=200, hop limit=0 (request in 276) |
| 279  | 183,643197 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=202, hop limit=0 (reply in 281) |
| 280  | 184,644356 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=203, hop limit=0                |
| 281  | 184,737086 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=202, hop limit=0 (request in 279) |
| 282  | 185,645208 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=204, hop limit=0 (reply in 284) |
| 283  | 186,648423 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=205, hop limit=0                |
| 284  | 186,706111 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=204, hop limit=0 (request in 282) |
| 285  | 187,650271 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=206, hop limit=0 (reply in 287) |
| 286  | 188,658479 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=207, hop limit=0                |
| 287  | 188,724133 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=206, hop limit=0 (request in 285) |
| 288  | 189,660306 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=208, hop limit=0 (reply in 290) |
| 289  | 190,66037  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=209, hop limit=0                |
| 290  | 190,755162 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=208, hop limit=0 (request in 288) |
| 291  | 191,661285 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=210, hop limit=0 (reply in 293) |
| 292  | 192,664379 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=211, hop limit=0 (reply in 295) |
| 293  | 192,699155 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=210, hop limit=0 (request in 291) |
| 294  | 193,666338 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=212, hop limit=0                |
| 295  | 193,724195 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=211, hop limit=0 (request in 292) |
| 296  | 194,667375 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=213, hop limit=0 (reply in 298) |
| 297  | 195,674502 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=214, hop limit=0                |
| 298  | 195,736218 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=213, hop limit=0 (request in 296) |
| 299  | 196,675365 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=215, hop limit=0 (reply in 301) |
| 300  | 197,682464 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=216, hop limit=0                |
| 301  | 197,760259 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=215, hop limit=0 (request in 299) |
| 302  | 198,683404 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=217, hop limit=0 (reply in 304) |
| 303  | 199,68437  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=218, hop limit=0                |
| 304  | 199,745269 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=217, hop limit=0 (request in 302) |
| 305  | 200,684421 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=219, hop limit=0 (reply in 307) |
| 306  | 201,684366 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=220, hop limit=0                |
| 307  | 201,728314 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=219, hop limit=0 (request in 305) |
| 308  | 202,684919 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=221, hop limit=0 (reply in 310) |

| PRUEBAS ENVÍO DE PAQUETES NODO 8 ENRUTAMIENTO ESTÁTICO |            |           |             |          |        |  |
|--|------------|-----------|-------------|----------|--------|--|
| No.  | Time       | Source    | Destination | Protocol | Length | Info   |
| 309  | 203,688415 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=222, hop limit=0                |
| 310  | 203,745319 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=221, hop limit=0 (request in 308) |
| 311  | 204,688461 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=223, hop limit=0 (reply in 313) |
| 312  | 205,688376 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=224, hop limit=0                |
| 313  | 205,740337 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=223, hop limit=0 (request in 311) |
| 314  | 206,688394 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=225, hop limit=0 (reply in 316) |
| 315  | 207,688363 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=226, hop limit=0                |
| 316  | 207,739363 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=225, hop limit=0 (request in 314) |
| 317  | 208,688393 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=227, hop limit=0 (reply in 319) |
| 318  | 209,688377 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=228, hop limit=0                |
| 319  | 209,79439  | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=227, hop limit=0 (request in 317) |
| 320  | 210,688392 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=229, hop limit=0 (reply in 322) |
| 321  | 211,688376 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=230, hop limit=0                |
| 322  | 211,743414 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=229, hop limit=0 (request in 320) |
| 323  | 212,688373 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=231, hop limit=0 (reply in 325) |
| 324  | 213,688397 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=232, hop limit=0                |
| 325  | 213,78444  | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=231, hop limit=0 (request in 323) |
| 326  | 214,688476 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=233, hop limit=0 (reply in 328) |
| 327  | 215,688369 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=234, hop limit=0                |
| 328  | 215,732461 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=233, hop limit=0 (request in 326) |
| 329  | 216,689634 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=235, hop limit=0 (reply in 331) |
| 330  | 217,698492 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=236, hop limit=0                |
| 331  | 217,740458 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=235, hop limit=0 (request in 329) |
| 332  | 218,698174 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=237, hop limit=0 (reply in 334) |
| 333  | 219,700357 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=238, hop limit=0                |
| 334  | 219,774515 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=237, hop limit=0 (request in 332) |
| 335  | 220,700664 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=239, hop limit=0 (reply in 337) |
| 336  | 221,700402 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=240, hop limit=0                |
| 337  | 221,750533 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=239, hop limit=0 (request in 335) |
| 338  | 222,700339 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=241, hop limit=0 (reply in 340) |
| 339  | 223,700376 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=242, hop limit=0                |
| 340  | 223,777558 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=241, hop limit=0 (request in 338) |
| 341  | 224,700704 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=243, hop limit=0 (reply in 343) |
| 342  | 225,70436  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=244, hop limit=0                |
| 343  | 225,770585 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=243, hop limit=0 (request in 341) |
| 344  | 226,704729 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=245, hop limit=0 (reply in 346) |
| 345  | 227,704398 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=246, hop limit=0                |
| 346  | 227,75361  | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=245, hop limit=0 (request in 344) |
| 347  | 228,704389 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=247, hop limit=0 (reply in 349) |
| 348  | 229,708412 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=248, hop limit=0                |
| 349  | 229,785633 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=247, hop limit=0 (request in 347) |
| 350  | 230,708461 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=249, hop limit=0 (reply in 352) |
| 351  | 231,708371 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=250, hop limit=0                |
| 352  | 231,779655 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=249, hop limit=0 (request in 350) |
| 353  | 232,70845  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=251, hop limit=0 (reply in 355) |

| PRUEBAS ENVÍO DE PAQUETES NODO 8 ENRUTAMIENTO ESTÁTICO |            |           |             |          |        |  |
|--|------------|-----------|-------------|----------|--------|--|
| No.  | Time       | Source    | Destination | Protocol | Length | Info   |
| 354  | 233,712376 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=252, hop limit=0                |
| 355  | 233,804681 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=251, hop limit=0 (request in 353) |
| 356  | 234,712339 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=253, hop limit=0 (reply in 358) |
| 357  | 235,712377 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=254, hop limit=0                |
| 358  | 235,789677 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=253, hop limit=0 (request in 356) |
| 359  | 236,712367 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=255, hop limit=0 (reply in 361) |
| 360  | 237,71237  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=256, hop limit=0                |
| 361  | 237,814728 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=255, hop limit=0 (request in 359) |
| 362  | 238,712373 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=257, hop limit=0 (reply in 364) |
| 363  | 239,712373 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=258, hop limit=0                |
| 364  | 239,761751 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=257, hop limit=0 (request in 362) |
| 365  | 240,712368 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=259, hop limit=0 (reply in 367) |
| 366  | 241,712378 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=260, hop limit=0                |
| 367  | 241,780778 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=259, hop limit=0 (request in 365) |
| 368  | 242,712929 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=261, hop limit=0 (reply in 370) |
| 369  | 243,712399 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=262, hop limit=0                |
| 370  | 243,794803 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=261, hop limit=0 (request in 368) |
| 371  | 244,712367 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=263, hop limit=0 (reply in 373) |
| 372  | 245,712365 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=264, hop limit=0                |
| 373  | 245,785826 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=263, hop limit=0 (request in 371) |
| 374  | 246,712972 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=265, hop limit=0 (reply in 376) |
| 375  | 247,71239  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=266, hop limit=0                |
| 376  | 247,796809 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=265, hop limit=0 (request in 374) |
| 377  | 248,712914 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=267, hop limit=0 (reply in 379) |
| 378  | 249,716374 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=268, hop limit=0                |
| 379  | 249,778873 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=267, hop limit=0 (request in 377) |
| 380  | 250,716367 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=269, hop limit=0 (reply in 382) |
| 381  | 251,716372 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=270, hop limit=0                |
| 382  | 251,795898 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=269, hop limit=0 (request in 380) |
| 383  | 252,716372 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=271, hop limit=0 (reply in 385) |
| 384  | 253,716368 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=272, hop limit=0                |
| 385  | 253,771928 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=271, hop limit=0 (request in 383) |
| 386  | 254,716329 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=273, hop limit=0 (reply in 388) |
| 387  | 255,716369 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=274, hop limit=0                |
| 388  | 255,789949 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=273, hop limit=0 (request in 386) |
| 389  | 256,717089 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=275, hop limit=0 (reply in 391) |
| 390  | 257,716396 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=276, hop limit=0                |
| 391  | 257,760973 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=275, hop limit=0 (request in 389) |
| 392  | 258,71715  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=277, hop limit=0 (reply in 394) |
| 393  | 259,716406 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=278, hop limit=0                |
| 394  | 259,787995 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=277, hop limit=0 (request in 392) |
| 395  | 260,716553 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=279, hop limit=0 (reply in 397) |
| 396  | 261,716369 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=280, hop limit=0                |
| 397  | 261,782019 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=279, hop limit=0 (request in 395) |
| 398  | 262,717181 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=281, hop limit=0 (reply in 400) |

| PRUEBAS ENVÍO DE PAQUETES NODO 8 ENRUTAMIENTO ESTÁTICO |            |           |             |          |        |  |
|--|------------|-----------|-------------|----------|--------|--|
| No.  | Time       | Source    | Destination | Protocol | Length | Info   |
| 399  | 263,716398 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=282, hop limit=0                |
| 400  | 263,778045 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=281, hop limit=0 (request in 398) |
| 401  | 264,717205 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=283, hop limit=0 (reply in 403) |
| 402  | 265,716375 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=284, hop limit=0                |
| 403  | 265,801069 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=283, hop limit=0 (request in 401) |
| 404  | 266,716375 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=285, hop limit=0 (reply in 406) |
| 405  | 267,716338 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=286, hop limit=0                |
| 406  | 267,772097 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=285, hop limit=0 (request in 404) |
| 407  | 268,716368 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=287, hop limit=0 (reply in 409) |
| 408  | 269,716366 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=288, hop limit=0                |
| 409  | 269,786115 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=287, hop limit=0 (request in 407) |
| 410  | 270,716383 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=289, hop limit=0 (reply in 412) |
| 411  | 271,716373 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=290, hop limit=0                |
| 412  | 271,768141 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=289, hop limit=0 (request in 410) |
| 413  | 272,716373 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=291, hop limit=0 (reply in 415) |
| 414  | 273,716375 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=292, hop limit=0                |
| 415  | 273,789117 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=291, hop limit=0 (request in 413) |
| 416  | 274,716373 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=293, hop limit=0 (reply in 418) |
| 417  | 275,716366 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=294, hop limit=0                |
| 418  | 275,782159 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=293, hop limit=0 (request in 416) |
| 419  | 276,716831 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=295, hop limit=0 (reply in 421) |
| 420  | 277,720358 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=296, hop limit=0 (reply in 423) |
| 421  | 277,727214 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=295, hop limit=0 (request in 419) |
| 422  | 278,721428 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=297, hop limit=0                |
| 423  | 278,786227 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=296, hop limit=0 (request in 420) |
| 424  | 279,72238  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=298, hop limit=0 (reply in 426) |
| 425  | 280,724357 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=299, hop limit=0                |
| 426  | 280,794251 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=298, hop limit=0 (request in 424) |
| 427  | 281,72439  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=300, hop limit=0 (reply in 429) |
| 428  | 282,728397 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=301, hop limit=0                |
| 429  | 282,779274 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=300, hop limit=0 (request in 427) |
| 430  | 283,728459 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=302, hop limit=0 (reply in 432) |
| 431  | 284,728389 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=303, hop limit=0                |
| 432  | 284,786297 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=302, hop limit=0 (request in 430) |
| 433  | 285,72836  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=304, hop limit=0 (reply in 435) |
| 434  | 286,728437 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=305, hop limit=0 (reply in 437) |
| 435  | 286,744336 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=304, hop limit=0 (request in 433) |
| 436  | 287,728441 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=306, hop limit=0                |
| 437  | 287,771334 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=305, hop limit=0 (request in 434) |
| 438  | 288,72839  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=307, hop limit=0 (reply in 440) |
| 439  | 289,728375 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=308, hop limit=0                |
| 440  | 289,794357 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=307, hop limit=0 (request in 438) |
| 441  | 290,728389 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=309, hop limit=0 (reply in 443) |
| 442  | 291,728379 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=310, hop limit=0                |
| 443  | 291,786383 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=309, hop limit=0 (request in 441) |



| PRUEBAS ENVÍO DE PAQUETES NODO 8 ENRUTAMIENTO ESTÁTICO |            |           |             |          |        |  |
|--|------------|-----------|-------------|----------|--------|--|
| No.  | Time       | Source    | Destination | Protocol | Length | Info   |
| 444  | 292,728448 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=311, hop limit=0 (reply in 446) |
| 445  | 293,728391 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=312, hop limit=0                |
| 446  | 293,789407 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=311, hop limit=0 (request in 444) |
| 447  | 294,728335 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=313, hop limit=0 (reply in 449) |
| 448  | 295,728393 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=314, hop limit=0                |
| 449  | 295,784399 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=313, hop limit=0 (request in 447) |
| 450  | 296,728479 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=315, hop limit=0 (reply in 452) |
| 451  | 297,728377 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=316, hop limit=0                |
| 452  | 297,807456 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=315, hop limit=0 (request in 450) |
| 453  | 298,728451 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=317, hop limit=0 (reply in 455) |
| 454  | 299,728374 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=318, hop limit=0 (reply in 457) |
| 455  | 299,760484 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=317, hop limit=0 (request in 453) |
| 456  | 300,728373 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=319, hop limit=0                |
| 457  | 300,830497 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=318, hop limit=0 (request in 454) |
| 458  | 301,72863  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=320, hop limit=0 (reply in 460) |
| 459  | 302,73236  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=321, hop limit=0                |
| 460  | 302,775515 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=320, hop limit=0 (request in 458) |
| 461  | 303,73268  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=322, hop limit=0 (reply in 463) |
| 462  | 304,732406 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=323, hop limit=0                |
| 463  | 304,786544 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b34, seq=322, hop limit=0 (request in 461) |
| 464  | 305,732198 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b34, seq=324, hop limit=0                |

**Tabla 42. Test para el nodo 8 con 6Lowpan, LPL 512 ms y enrutamiento estático.**

| PRUEBAS ENVÍO DE PAQUETES NODO 8 ENRUTAMIENTO ESTÁTICO |           |           |             |          |        |  |
|--|-----------|-----------|-------------|----------|--------|--|
| No.  | Time      | Source    | Destination | Protocol | Length | Info   |
| 1  | 0         | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=41, hop limit=0               |
| 2  | 1,007994  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=42, hop limit=0 (reply in 4)  |
| 3  | 2,015974  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=43, hop limit=0               |
| 4  | 2,204468  | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b5e, seq=42, hop limit=0 (request in 2)  |
| 5  | 3,016482  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=44, hop limit=0               |
| 6  | 4,02403   | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=45, hop limit=0 (reply in 8)  |
| 7  | 5,03201   | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=46, hop limit=0               |
| 8  | 5,739476  | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b5e, seq=45, hop limit=0 (request in 6)  |
| 9  | 6,031943  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=47, hop limit=0 (reply in 11) |
| 10   | 7,040011  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=48, hop limit=0               |
| 11   | 7,243531  | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b5e, seq=47, hop limit=0 (request in 9)  |
| 12   | 8,040554  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=49, hop limit=0               |
| 13   | 9,047939  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=50, hop limit=0               |
| 14   | 10,056029 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=51, hop limit=0               |
| 15   | 11,063965 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=52, hop limit=0               |
| 16   | 12,07194  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=53, hop limit=0               |

| PRUEBAS ENVÍO DE PAQUETES NODO 8 ENRUTAMIENTO ESTÁTICO |           |           |             |          |        |  |
|--|-----------|-----------|-------------|----------|--------|--|
| No.  | Time      | Source    | Destination | Protocol | Length | Info   |
| 17   | 13,079998 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=54, hop limit=0               |
| 18   | 14,087941 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=55, hop limit=0               |
| 19   | 15,096006 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=56, hop limit=0               |
| 20   | 16,103938 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=57, hop limit=0               |
| 21   | 17,111945 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=58, hop limit=0               |
| 22   | 18,11998  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=59, hop limit=0               |
| 23   | 19,128001 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=60, hop limit=0               |
| 24   | 20,136001 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=61, hop limit=0               |
| 25   | 21,144004 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=62, hop limit=0               |
| 26   | 22,151977 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=63, hop limit=0               |
| 27   | 23,15997  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=64, hop limit=0               |
| 28   | 24,167981 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=65, hop limit=0               |
| 29   | 25,175996 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=66, hop limit=0               |
| 30   | 26,183965 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=67, hop limit=0               |
| 31   | 27,191972 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=68, hop limit=0               |
| 32   | 28,200001 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=69, hop limit=0 (reply in 34) |
| 33   | 29,207999 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=70, hop limit=0               |
| 34   | 29,708772 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b5e, seq=69, hop limit=0 (request in 32) |
| 35   | 30,209459 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=71, hop limit=0               |
| 36   | 31,215988 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=72, hop limit=0 (reply in 38) |
| 37   | 32,223995 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=73, hop limit=0               |
| 38   | 32,411835 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b5e, seq=72, hop limit=0 (request in 36) |
| 39   | 33,225873 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=74, hop limit=0               |
| 40   | 34,225901 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=75, hop limit=0 (reply in 42) |
| 41   | 35,225882 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=76, hop limit=0               |
| 42   | 35,712884 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b5e, seq=75, hop limit=0 (request in 40) |
| 43   | 36,226597 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=77, hop limit=0 (reply in 46) |
| 44   | 37,225921 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=78, hop limit=0               |
| 45   | 38,225923 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=79, hop limit=0               |
| 46   | 38,470907 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b5e, seq=77, hop limit=0 (request in 43) |
| 47   | 39,226843 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=80, hop limit=0               |
| 48   | 40,22589  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=81, hop limit=0 (reply in 50) |
| 49   | 41,2259   | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=82, hop limit=0               |
| 50   | 41,725955 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b5e, seq=81, hop limit=0 (request in 48) |
| 51   | 42,226653 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=83, hop limit=0               |
| 52   | 43,225919 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=84, hop limit=0               |
| 53   | 44,225893 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=85, hop limit=0               |
| 54   | 45,225894 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=86, hop limit=0 (reply in 56) |
| 55   | 46,225871 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=87, hop limit=0               |
| 56   | 46,420002 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b5e, seq=86, hop limit=0 (request in 54) |
| 57   | 47,227016 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=88, hop limit=0 (reply in 59) |
| 58   | 48,235991 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=89, hop limit=0               |
| 59   | 48,729042 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b5e, seq=88, hop limit=0 (request in 57) |
| 60   | 49,236756 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=90, hop limit=0 (reply in 63) |
| 61   | 50,244053 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=91, hop limit=0               |

| PRUEBAS ENVÍO DE PAQUETES NODO 8 ENRUTAMIENTO ESTÁTICO |           |           |             |          |        |  |
|--|-----------|-----------|-------------|----------|--------|--|
| No.  | Time      | Source    | Destination | Protocol | Length | Info   |
| 62   | 51,251971 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=92, hop limit=0                 |
| 63   | 51,495068 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b5e, seq=90, hop limit=0 (request in 60)   |
| 64   | 52,253078 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=93, hop limit=0 (reply in 66)   |
| 65   | 53,259988 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=94, hop limit=0                 |
| 66   | 53,544088 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b5e, seq=93, hop limit=0 (request in 64)   |
| 67   | 54,261019 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=95, hop limit=0                 |
| 68   | 55,267992 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=96, hop limit=0                 |
| 69   | 56,275992 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=97, hop limit=0 (reply in 71)   |
| 70   | 57,284004 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=98, hop limit=0                 |
| 71   | 57,483144 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b5e, seq=97, hop limit=0 (request in 69)   |
| 72   | 58,285191 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=99, hop limit=0 (reply in 74)   |
| 73   | 59,292028 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=100, hop limit=0                |
| 74   | 59,888175 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b5e, seq=99, hop limit=0 (request in 72)   |
| 75   | 60,292789 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=101, hop limit=0                |
| 76   | 61,299998 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=102, hop limit=0                |
| 77   | 62,308036 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=103, hop limit=0                |
| 78   | 63,31603  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=104, hop limit=0                |
| 79   | 64,323996 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=105, hop limit=0 (reply in 81)  |
| 80   | 65,331991 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=106, hop limit=0                |
| 81   | 65,505234 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b5e, seq=105, hop limit=0 (request in 79)  |
| 82   | 66,333291 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=107, hop limit=0                |
| 83   | 67,339999 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=108, hop limit=0                |
| 84   | 68,348002 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=109, hop limit=0 (reply in 86)  |
| 85   | 69,355962 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=110, hop limit=0                |
| 86   | 70,002276 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b5e, seq=109, hop limit=0 (request in 84)  |
| 87   | 70,356817 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=111, hop limit=0                |
| 88   | 71,363969 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=112, hop limit=0                |
| 89   | 72,371997 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=113, hop limit=0                |
| 90   | 73,379938 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=114, hop limit=0                |
| 91   | 74,387939 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=115, hop limit=0 (reply in 93)  |
| 92   | 75,396021 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=116, hop limit=0                |
| 93   | 75,910333 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b5e, seq=115, hop limit=0 (request in 91)  |
| 94   | 76,397016 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=117, hop limit=0                |
| 95   | 77,403997 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=118, hop limit=0 (reply in 97)  |
| 96   | 78,411988 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=119, hop limit=0                |
| 97   | 78,631388 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b5e, seq=118, hop limit=0 (request in 95)  |
| 98   | 79,413387 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=120, hop limit=0 (reply in 101) |
| 99   | 80,419991 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=121, hop limit=0                |
| 100  | 81,427967 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=122, hop limit=0                |
| 101  | 81,929405 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b5e, seq=120, hop limit=0 (request in 98)  |
| 102  | 82,42906  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=123, hop limit=0 (reply in 104) |
| 103  | 83,435992 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=124, hop limit=0                |
| 104  | 84,108462 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b5e, seq=123, hop limit=0 (request in 102) |
| 105  | 84,443981 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=125, hop limit=0 (reply in 107) |
| 106  | 85,452006 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=126, hop limit=0                |

| PRUEBAS ENVÍO DE PAQUETES NODO 8 ENRUTAMIENTO ESTÁTICO |            |           |             |          |        |  |
|--|------------|-----------|-------------|----------|--------|--|
| No.  | Time       | Source    | Destination | Protocol | Length | Info   |
| 107  | 85,628478  | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b5e, seq=125, hop limit=0 (request in 105) |
| 108  | 86,453534  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=127, hop limit=0                |
| 109  | 87,460006  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=128, hop limit=0                |
| 110  | 88,467997  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=129, hop limit=0 (reply in 112) |
| 111  | 89,476012  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=130, hop limit=0                |
| 112  | 90,058512  | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b5e, seq=129, hop limit=0 (request in 110) |
| 113  | 90,477163  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=131, hop limit=0                |
| 114  | 91,483968  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=132, hop limit=0                |
| 115  | 92,491973  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=133, hop limit=0                |
| 116  | 93,499963  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=134, hop limit=0 (reply in 118) |
| 117  | 94,507996  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=135, hop limit=0                |
| 118  | 94,696587  | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b5e, seq=134, hop limit=0 (request in 116) |
| 119  | 95,509582  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=136, hop limit=0 (reply in 121) |
| 120  | 96,515996  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=137, hop limit=0                |
| 121  | 97,157628  | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b5e, seq=136, hop limit=0 (request in 119) |
| 122  | 97,516223  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=138, hop limit=0                |
| 123  | 98,524004  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=139, hop limit=0                |
| 124  | 99,532011  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=140, hop limit=0                |
| 125  | 100,540006 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=141, hop limit=0                |
| 126  | 101,54801  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=142, hop limit=0 (reply in 128) |
| 127  | 102,556005 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=143, hop limit=0                |
| 128  | 102,728685 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b5e, seq=142, hop limit=0 (request in 126) |
| 129  | 103,557744 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=144, hop limit=0 (reply in 132) |
| 130  | 104,5579   | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=145, hop limit=0                |
| 131  | 105,557894 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=146, hop limit=0                |
| 132  | 105,802701 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b5e, seq=144, hop limit=0 (request in 129) |
| 133  | 106,559665 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=147, hop limit=0 (reply in 135) |
| 134  | 107,568021 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=148, hop limit=0                |
| 135  | 107,809745 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b5e, seq=147, hop limit=0 (request in 133) |
| 136  | 108,569758 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=149, hop limit=0                |
| 137  | 109,569927 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=150, hop limit=0                |
| 138  | 110,569903 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=151, hop limit=0                |
| 139  | 111,569901 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=152, hop limit=0 (reply in 141) |
| 140  | 112,569898 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=153, hop limit=0                |
| 141  | 112,743812 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b5e, seq=152, hop limit=0 (request in 139) |
| 142  | 113,570851 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=154, hop limit=0                |
| 143  | 114,569894 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=155, hop limit=0 (reply in 145) |
| 144  | 115,569902 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=156, hop limit=0                |
| 145  | 116,09386  | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b5e, seq=155, hop limit=0 (request in 143) |
| 146  | 116,570584 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=157, hop limit=0                |
| 147  | 117,569948 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=158, hop limit=0                |
| 148  | 118,569887 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=159, hop limit=0                |
| 149  | 119,569925 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=160, hop limit=0                |
| 150  | 120,569919 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=161, hop limit=0                |
| 151  | 121,5699   | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=162, hop limit=0                |

| PRUEBAS ENVÍO DE PAQUETES NODO 8 ENRUTAMIENTO ESTÁTICO |            |           |             |          |        |  |
|--|------------|-----------|-------------|----------|--------|--|
| No.  | Time       | Source    | Destination | Protocol | Length | Info   |
| 152  | 122,569904 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=163, hop limit=0                |
| 153  | 123,569921 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=164, hop limit=0                |
| 154  | 124,569865 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=165, hop limit=0                |
| 155  | 125,56987  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=166, hop limit=0                |
| 156  | 126,569896 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=167, hop limit=0 (reply in 158) |
| 157  | 127,569898 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=168, hop limit=0                |
| 158  | 127,750986 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b5e, seq=167, hop limit=0 (request in 156) |
| 159  | 128,571022 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=169, hop limit=0                |
| 160  | 129,580048 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=170, hop limit=0                |
| 161  | 130,587989 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=171, hop limit=0                |
| 162  | 131,595994 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=172, hop limit=0                |
| 163  | 132,603989 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=173, hop limit=0                |
| 164  | 133,61199  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=174, hop limit=0                |
| 165  | 134,619991 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=175, hop limit=0                |
| 166  | 135,627961 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=176, hop limit=0                |
| 167  | 136,635999 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=177, hop limit=0                |
| 168  | 137,643994 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=178, hop limit=0                |
| 169  | 138,652    | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=179, hop limit=0                |
| 170  | 139,659998 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=180, hop limit=0                |
| 171  | 140,667992 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=181, hop limit=0                |
| 172  | 141,676    | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=182, hop limit=0                |
| 173  | 142,684001 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=183, hop limit=0 (reply in 175) |
| 174  | 143,691999 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=184, hop limit=0                |
| 175  | 143,85919  | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b5e, seq=183, hop limit=0 (request in 173) |
| 176  | 144,693241 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=185, hop limit=0                |
| 177  | 145,693925 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=186, hop limit=0 (reply in 179) |
| 178  | 146,693893 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=187, hop limit=0                |
| 179  | 147,186221 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b5e, seq=186, hop limit=0 (request in 177) |
| 180  | 147,693855 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=188, hop limit=0 (reply in 183) |
| 181  | 148,693963 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=189, hop limit=0                |
| 182  | 149,693933 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=190, hop limit=0                |
| 183  | 149,936265 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b5e, seq=188, hop limit=0 (request in 180) |
| 184  | 150,695263 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=191, hop limit=0                |
| 185  | 151,697912 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=192, hop limit=0 (reply in 187) |
| 186  | 152,697929 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=193, hop limit=0                |
| 187  | 152,985268 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b5e, seq=192, hop limit=0 (request in 185) |
| 188  | 153,699155 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=194, hop limit=0                |
| 189  | 154,708002 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=195, hop limit=0                |
| 190  | 155,716007 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=196, hop limit=0                |
| 191  | 156,723991 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=197, hop limit=0                |
| 192  | 157,731993 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=198, hop limit=0                |
| 193  | 158,739996 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=199, hop limit=0 (reply in 195) |
| 194  | 159,748008 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=200, hop limit=0                |
| 195  | 159,958386 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b5e, seq=199, hop limit=0 (request in 193) |
| 196  | 160,756001 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=201, hop limit=0                |

| PRUEBAS ENVÍO DE PAQUETES NODO 8 ENRUTAMIENTO ESTÁTICO |            |           |             |          |        |  |
|--|------------|-----------|-------------|----------|--------|--|
| No.  | Time       | Source    | Destination | Protocol | Length | Info   |
| 197  | 161,763995 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=202, hop limit=0 (reply in 199) |
| 198  | 162,771995 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=203, hop limit=0                |
| 199  | 163,316422 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b5e, seq=202, hop limit=0 (request in 197) |
| 200  | 163,772116 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=204, hop limit=0                |
| 201  | 164,779971 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=205, hop limit=0                |
| 202  | 165,787966 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=206, hop limit=0                |
| 203  | 166,795987 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=207, hop limit=0                |
| 204  | 167,804001 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=208, hop limit=0                |
| 205  | 168,811941 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=209, hop limit=0                |
| 206  | 169,819986 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=210, hop limit=0                |
| 207  | 170,827971 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=211, hop limit=0                |
| 208  | 171,835992 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=212, hop limit=0                |
| 209  | 172,843939 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=213, hop limit=0                |
| 210  | 173,851994 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=214, hop limit=0 (reply in 212) |
| 211  | 174,859964 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=215, hop limit=0                |
| 212  | 175,038535 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b5e, seq=214, hop limit=0 (request in 210) |
| 213  | 175,861597 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=216, hop limit=0                |
| 214  | 176,86796  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=217, hop limit=0 (reply in 216) |
| 215  | 177,875971 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=218, hop limit=0                |
| 216  | 178,376609 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b5e, seq=217, hop limit=0 (request in 214) |
| 217  | 178,876341 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=219, hop limit=0                |
| 218  | 179,884076 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=220, hop limit=0                |
| 219  | 180,891993 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=221, hop limit=0                |
| 220  | 181,899996 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=222, hop limit=0                |
| 221  | 182,907994 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=223, hop limit=0                |
| 222  | 183,916005 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=224, hop limit=0                |
| 223  | 184,924007 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=225, hop limit=0                |
| 224  | 185,931997 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=226, hop limit=0                |
| 225  | 186,939941 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=227, hop limit=0                |
| 226  | 187,947992 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=228, hop limit=0                |
| 227  | 188,955994 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=229, hop limit=0                |
| 228  | 189,964004 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=230, hop limit=0                |
| 229  | 190,971996 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=231, hop limit=0                |
| 230  | 191,979997 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=232, hop limit=0                |
| 231  | 192,988003 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=233, hop limit=0                |
| 232  | 193,995995 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=234, hop limit=0                |
| 233  | 195,003982 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=235, hop limit=0                |
| 234  | 196,012012 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=236, hop limit=0                |
| 235  | 197,019986 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=237, hop limit=0                |
| 236  | 198,027985 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=238, hop limit=0                |
| 237  | 199,036017 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=239, hop limit=0                |
| 238  | 200,044007 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=240, hop limit=0 (reply in 240) |
| 239  | 201,05202  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=241, hop limit=0                |
| 240  | 201,333855 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b5e, seq=240, hop limit=0 (request in 238) |
| 241  | 202,052771 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=242, hop limit=0 (reply in 243) |

| PRUEBAS ENVÍO DE PAQUETES NODO 8 ENRUTAMIENTO ESTÁTICO |            |           |             |          |        |  |
|--|------------|-----------|-------------|----------|--------|--|
| No.  | Time       | Source    | Destination | Protocol | Length | Info   |
| 242  | 203,05392  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=243, hop limit=0                |
| 243  | 203,957914 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b5e, seq=242, hop limit=0 (request in 241) |
| 244  | 204,053248 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=244, hop limit=0                |
| 245  | 205,060024 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=245, hop limit=0 (reply in 248) |
| 246  | 206,068001 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=246, hop limit=0                |
| 247  | 207,076002 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=247, hop limit=0                |
| 248  | 207,295954 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b5e, seq=245, hop limit=0 (request in 245) |
| 249  | 208,075989 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=248, hop limit=0 (reply in 251) |
| 250  | 209,083956 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=249, hop limit=0                |
| 251  | 209,583981 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b5e, seq=248, hop limit=0 (request in 249) |
| 252  | 210,083686 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=250, hop limit=0 (reply in 255) |
| 253  | 211,091997 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=251, hop limit=0                |
| 254  | 212,099941 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=252, hop limit=0                |
| 255  | 212,32602  | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b5e, seq=250, hop limit=0 (request in 252) |
| 256  | 213,100039 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=253, hop limit=0 (reply in 258) |
| 257  | 214,108004 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=254, hop limit=0                |
| 258  | 214,630048 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b5e, seq=253, hop limit=0 (request in 256) |
| 259  | 215,107769 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=255, hop limit=0                |
| 260  | 216,116    | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=256, hop limit=0 (reply in 263) |
| 261  | 217,124    | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=257, hop limit=0                |
| 262  | 218,132002 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=258, hop limit=0                |
| 263  | 218,361095 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b5e, seq=256, hop limit=0 (request in 260) |
| 264  | 219,133106 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=259, hop limit=0                |
| 265  | 220,140026 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=260, hop limit=0                |
| 266  | 221,148016 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=261, hop limit=0 (reply in 268) |
| 267  | 222,155965 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=262, hop limit=0                |
| 268  | 222,649147 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b5e, seq=261, hop limit=0 (request in 266) |
| 269  | 223,156904 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=263, hop limit=0                |
| 270  | 224,164005 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=264, hop limit=0 (reply in 272) |
| 271  | 225,171996 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=265, hop limit=0                |
| 272  | 225,416175 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b5e, seq=264, hop limit=0 (request in 270) |
| 273  | 226,173145 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=266, hop limit=0                |
| 274  | 227,179971 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=267, hop limit=0                |
| 275  | 228,188004 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=268, hop limit=0                |
| 276  | 229,195972 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=269, hop limit=0                |
| 277  | 230,20394  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=270, hop limit=0                |
| 278  | 231,212007 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=271, hop limit=0                |
| 279  | 232,219976 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=272, hop limit=0 (reply in 281) |
| 280  | 233,228023 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=273, hop limit=0                |
| 281  | 234,084284 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b5e, seq=272, hop limit=0 (request in 279) |
| 282  | 234,228632 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=274, hop limit=0                |
| 283  | 235,236015 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=275, hop limit=0                |
| 284  | 236,243944 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=276, hop limit=0                |
| 285  | 237,251972 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=277, hop limit=0                |
| 286  | 238,260008 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=278, hop limit=0                |

| PRUEBAS ENVÍO DE PAQUETES NODO 8 ENRUTAMIENTO ESTÁTICO |            |           |             |          |        |  |
|--|------------|-----------|-------------|----------|--------|--|
| No.  | Time       | Source    | Destination | Protocol | Length | Info   |
| 287  | 239,267969 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=279, hop limit=0 (reply in 289) |
| 288  | 240,276    | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=280, hop limit=0                |
| 289  | 240,450327 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b5e, seq=279, hop limit=0 (request in 287) |
| 290  | 241,27736  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=281, hop limit=0                |
| 291  | 242,284019 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=282, hop limit=0                |
| 292  | 243,292003 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=283, hop limit=0                |
| 293  | 244,300005 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=284, hop limit=0                |
| 294  | 245,30799  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=285, hop limit=0                |
| 295  | 246,315995 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=286, hop limit=0 (reply in 297) |
| 296  | 247,323993 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=287, hop limit=0                |
| 297  | 247,815452 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b5e, seq=286, hop limit=0 (request in 295) |
| 298  | 248,325203 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=288, hop limit=0                |
| 299  | 249,332006 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=289, hop limit=0                |
| 300  | 250,34001  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=290, hop limit=0                |
| 301  | 251,347993 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=291, hop limit=0 (reply in 303) |
| 302  | 252,355964 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=292, hop limit=0                |
| 303  | 252,527498 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b5e, seq=291, hop limit=0 (request in 301) |
| 304  | 253,357559 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=293, hop limit=0                |
| 305  | 254,364005 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=294, hop limit=0                |
| 306  | 255,372    | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=295, hop limit=0                |
| 307  | 256,380001 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=296, hop limit=0 (reply in 309) |
| 308  | 257,387998 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=297, hop limit=0                |
| 309  | 257,903574 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b5e, seq=296, hop limit=0 (request in 307) |
| 310  | 258,389305 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=298, hop limit=0 (reply in 313) |
| 311  | 259,396005 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=299, hop limit=0                |
| 312  | 260,403999 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=300, hop limit=0                |
| 313  | 260,646601 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b5e, seq=298, hop limit=0 (request in 310) |
| 314  | 261,405589 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=301, hop limit=0                |
| 315  | 262,412028 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=302, hop limit=0                |
| 316  | 263,420002 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=303, hop limit=0 (reply in 318) |
| 317  | 264,427997 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=304, hop limit=0                |
| 318  | 264,930626 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b5e, seq=303, hop limit=0 (request in 316) |
| 319  | 265,429396 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=305, hop limit=0                |
| 320  | 266,435972 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=306, hop limit=0                |
| 321  | 267,443997 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=307, hop limit=0                |
| 322  | 268,451943 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=308, hop limit=0                |
| 323  | 269,459943 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=309, hop limit=0                |
| 324  | 270,468001 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=310, hop limit=0                |
| 325  | 271,475944 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=311, hop limit=0                |
| 326  | 272,483995 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=312, hop limit=0                |
| 327  | 273,491971 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=313, hop limit=0                |
| 328  | 274,499943 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=314, hop limit=0 (reply in 330) |
| 329  | 275,508    | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=315, hop limit=0                |
| 330  | 275,682752 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b5e, seq=314, hop limit=0 (request in 328) |
| 331  | 276,509818 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=316, hop limit=0                |



| PRUEBAS ENVÍO DE PAQUETES NODO 8 ENRUTAMIENTO ESTÁTICO |            |           |             |          |        |  |
|--|------------|-----------|-------------|----------|--------|--|
| No.  | Time       | Source    | Destination | Protocol | Length | Info   |
| 332  | 277,509885 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=317, hop limit=0 (reply in 334) |
| 333  | 278,509883 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=318, hop limit=0                |
| 334  | 278,99682  | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b5e, seq=317, hop limit=0 (request in 332) |
| 335  | 279,510536 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=319, hop limit=0                |
| 336  | 280,509895 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=320, hop limit=0 (reply in 339) |
| 337  | 281,50989  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=321, hop limit=0                |
| 338  | 282,509915 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=322, hop limit=0                |
| 339  | 282,753871 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b5e, seq=320, hop limit=0 (request in 336) |
| 340  | 283,509917 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=323, hop limit=0                |
| 341  | 284,509891 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=324, hop limit=0 (reply in 343) |
| 342  | 285,509953 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=325, hop limit=0                |
| 343  | 286,009884 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b5e, seq=324, hop limit=0 (request in 341) |
| 344  | 286,510617 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=326, hop limit=0                |
| 345  | 287,509919 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=327, hop limit=0 (reply in 347) |
| 346  | 288,509921 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=328, hop limit=0                |
| 347  | 288,729946 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b5e, seq=327, hop limit=0 (request in 345) |
| 348  | 289,510969 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=329, hop limit=0 (reply in 350) |
| 349  | 290,520009 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=330, hop limit=0                |
| 350  | 291,141944 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b5e, seq=329, hop limit=0 (request in 348) |
| 351  | 291,519562 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=331, hop limit=0                |
| 352  | 292,527995 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=332, hop limit=0                |
| 353  | 293,536017 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=333, hop limit=0 (reply in 355) |
| 354  | 294,544016 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=334, hop limit=0                |
| 355  | 294,732016 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b5e, seq=333, hop limit=0 (request in 353) |
| 356  | 295,545063 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=335, hop limit=0                |
| 357  | 296,545872 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=336, hop limit=0 (reply in 360) |
| 358  | 297,54591  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=337, hop limit=0                |
| 359  | 298,5459   | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=338, hop limit=0                |
| 360  | 299,034068 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b5e, seq=336, hop limit=0 (request in 357) |
| 361  | 299,546772 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=339, hop limit=0 (reply in 364) |
| 362  | 300,545875 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=340, hop limit=0                |
| 363  | 301,545891 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=341, hop limit=0                |
| 364  | 301,722071 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x0b5e, seq=339, hop limit=0 (request in 361) |
| 365  | 302,547113 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x0b5e, seq=342, hop limit=0                |

**Tabla 43. Test para el nodo 8 con 6Lowpan, LPL 1024 ms y enrutamiento estático.**

| PRUEBAS ENVÍO DE PAQUETES NODO 8 ENRUTAMIENTO ESTÁTICO Y LPL DE 1024 ms |          |           |             |          |        |   |
|---|----------|-----------|-------------|----------|--------|---|
| No.   | Time     | Source    | Destination | Protocol | Length | Info  |
| 1   | 0        | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x1029, seq=353, hop limit=0   |
| 2   | 0,354599 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=355, hop limit=0 |

| PRUEBAS ENVÍO DE PAQUETES NODO 8 ENRUTAMIENTO ESTÁTICO Y LPL DE 1024 ms |           |           |             |          |        |   |
|---|-----------|-----------|-------------|----------|--------|---|
| No.   | Time      | Source    | Destination | Protocol | Length | Info  |
| 3   | 1,362263  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=356, hop limit=0               |
| 4   | 2,370229  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=357, hop limit=0               |
| 5   | 3,37822   | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=358, hop limit=0               |
| 6   | 4,386198  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=359, hop limit=0 (reply in 9)  |
| 7   | 5,394192  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=360, hop limit=0               |
| 8   | 6,402258  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=361, hop limit=0               |
| 9   | 6,888096  | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x1029, seq=359, hop limit=0 (request in 6)  |
| 10  | 7,401797  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=362, hop limit=0               |
| 11  | 8,41026   | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=363, hop limit=0               |
| 12  | 9,418243  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=364, hop limit=0               |
| 13  | 10,426256 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=365, hop limit=0               |
| 14  | 11,434247 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=366, hop limit=0               |
| 15  | 12,442225 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=367, hop limit=0 (reply in 18) |
| 16  | 13,450232 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=368, hop limit=0               |
| 17  | 14,458202 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=369, hop limit=0 (reply in 20) |
| 18  | 14,947184 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x1029, seq=367, hop limit=0 (request in 15) |
| 19  | 15,457904 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=370, hop limit=0               |
| 20  | 15,953161 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x1029, seq=369, hop limit=0 (request in 17) |
| 21  | 16,457851 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=371, hop limit=0 (reply in 24) |
| 22  | 17,466227 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=372, hop limit=0               |
| 23  | 18,474256 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=373, hop limit=0               |
| 24  | 18,998223 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x1029, seq=371, hop limit=0 (request in 21) |
| 25  | 19,473906 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=374, hop limit=0 (reply in 27) |
| 26  | 20,482267 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=375, hop limit=0               |
| 27  | 20,965254 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x1029, seq=374, hop limit=0 (request in 25) |
| 28  | 21,481987 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=376, hop limit=0               |
| 29  | 22,490274 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=377, hop limit=0               |
| 30  | 23,498257 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=378, hop limit=0               |
| 31  | 24,506244 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=379, hop limit=0 (reply in 34) |
| 32  | 25,514268 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=380, hop limit=0               |
| 33  | 26,522245 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=381, hop limit=0               |
| 34  | 27,04732  | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x1029, seq=379, hop limit=0 (request in 31) |
| 35  | 27,522006 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=382, hop limit=0 (reply in 37) |
| 36  | 28,530269 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=383, hop limit=0               |
| 37  | 29,026353 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x1029, seq=382, hop limit=0 (request in 35) |
| 38  | 29,530099 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=384, hop limit=0               |
| 39  | 30,538224 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=385, hop limit=0 (reply in 41) |
| 40  | 31,546233 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=386, hop limit=0 (reply in 43) |
| 41  | 32,040159 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x1029, seq=385, hop limit=0 (request in 39) |
| 42  | 32,545896 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=387, hop limit=0               |
| 43  | 33,123368 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x1029, seq=386, hop limit=0 (request in 40) |
| 44  | 33,545961 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=388, hop limit=0               |
| 45  | 34,554225 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=389, hop limit=0               |
| 46  | 35,562227 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=390, hop limit=0               |
| 47  | 36,570255 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=391, hop limit=0               |

| PRUEBAS ENVÍO DE PAQUETES NODO 8 ENRUTAMIENTO ESTÁTICO Y LPL DE 1024 ms |           |           |             |          |        |   |
|---|-----------|-----------|-------------|----------|--------|---|
| No.   | Time      | Source    | Destination | Protocol | Length | Info  |
| 48  | 37,578198 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=392, hop limit=0               |
| 49  | 38,586264 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=393, hop limit=0               |
| 50  | 39,594228 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=394, hop limit=0               |
| 51  | 40,602227 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=395, hop limit=0 (reply in 54) |
| 52  | 41,610225 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=396, hop limit=0               |
| 53  | 42,618251 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=397, hop limit=0               |
| 54  | 43,118027 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x1029, seq=395, hop limit=0 (request in 51) |
| 55  | 43,618766 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=398, hop limit=0               |
| 56  | 44,626262 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=399, hop limit=0               |
| 57  | 45,634202 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=400, hop limit=0 (reply in 60) |
| 58  | 46,642256 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=401, hop limit=0               |
| 59  | 47,650227 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=402, hop limit=0               |
| 60  | 48,191577 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x1029, seq=400, hop limit=0 (request in 57) |
| 61  | 48,650267 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=403, hop limit=0               |
| 62  | 49,65826  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=404, hop limit=0               |
| 63  | 50,666249 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=405, hop limit=0               |
| 64  | 51,674257 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=406, hop limit=0               |
| 65  | 52,682256 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=407, hop limit=0               |
| 66  | 53,690257 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=408, hop limit=0               |
| 67  | 54,69825  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=409, hop limit=0               |
| 68  | 55,706257 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=410, hop limit=0               |
| 69  | 56,714247 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=411, hop limit=0 (reply in 72) |
| 70  | 57,722248 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=412, hop limit=0               |
| 71  | 58,730246 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=413, hop limit=0               |
| 72  | 59,213715 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x1029, seq=411, hop limit=0 (request in 69) |
| 73  | 59,730471 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=414, hop limit=0               |
| 74  | 60,73828  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=415, hop limit=0               |
| 75  | 61,746257 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=416, hop limit=0               |
| 76  | 62,754253 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=417, hop limit=0               |
| 77  | 63,762254 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=418, hop limit=0               |
| 78  | 64,770256 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=419, hop limit=0 (reply in 82) |
| 79  | 65,778194 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=420, hop limit=0               |
| 80  | 66,786251 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=421, hop limit=0               |
| 81  | 67,794226 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=422, hop limit=0               |
| 82  | 68,092794 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x1029, seq=419, hop limit=0 (request in 78) |
| 83  | 68,794733 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=423, hop limit=0               |
| 84  | 69,802225 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=424, hop limit=0               |
| 85  | 70,8102   | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=425, hop limit=0 (reply in 88) |
| 86  | 71,818235 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=426, hop limit=0               |
| 87  | 72,826234 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=427, hop limit=0               |
| 88  | 73,320887 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x1029, seq=425, hop limit=0 (request in 85) |
| 89  | 73,827632 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=428, hop limit=0 (reply in 91) |
| 90  | 74,834291 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=429, hop limit=0               |
| 91  | 75,342911 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x1029, seq=428, hop limit=0 (request in 89) |
| 92  | 75,835649 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=430, hop limit=0               |

| PRUEBAS ENVÍO DE PAQUETES NODO 8 ENRUTAMIENTO ESTÁTICO Y LPL DE 1024 ms |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 93  | 76,842222  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=431, hop limit=0                |
| 94  | 77,850233  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=432, hop limit=0 (reply in 97)  |
| 95  | 78,85826   | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=433, hop limit=0                |
| 96  | 79,86623   | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=434, hop limit=0                |
| 97  | 80,362974  | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x1029, seq=432, hop limit=0 (request in 94)  |
| 98  | 80,86772   | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=435, hop limit=0 (reply in 100) |
| 99  | 81,868151  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=436, hop limit=0                |
| 100   | 82,35099   | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x1029, seq=435, hop limit=0 (request in 98)  |
| 101   | 82,868712  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=437, hop limit=0 (reply in 103) |
| 102   | 83,868154  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=438, hop limit=0                |
| 103   | 84,368015  | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x1029, seq=437, hop limit=0 (request in 101) |
| 104   | 84,868779  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=439, hop limit=0                |
| 105   | 85,868192  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=440, hop limit=0                |
| 106   | 86,868127  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=441, hop limit=0 (reply in 109) |
| 107   | 87,86815   | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=442, hop limit=0                |
| 108   | 88,868152  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=443, hop limit=0                |
| 109   | 89,364093  | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x1029, seq=441, hop limit=0 (request in 106) |
| 110   | 89,868825  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=444, hop limit=0                |
| 111   | 90,868134  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=445, hop limit=0                |
| 112   | 91,868168  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=446, hop limit=0 (reply in 115) |
| 113   | 92,868126  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=447, hop limit=0                |
| 114   | 93,868178  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=448, hop limit=0                |
| 115   | 94,353135  | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x1029, seq=446, hop limit=0 (request in 112) |
| 116   | 94,868857  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=449, hop limit=0                |
| 117   | 95,868148  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=450, hop limit=0                |
| 118   | 96,868178  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=451, hop limit=0                |
| 119   | 97,868146  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=452, hop limit=0                |
| 120   | 98,868177  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=453, hop limit=0                |
| 121   | 99,868181  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=454, hop limit=0                |
| 122   | 100,868126 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=455, hop limit=0                |
| 123   | 101,868156 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=456, hop limit=0                |
| 124   | 102,868154 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=457, hop limit=0 (reply in 127) |
| 125   | 103,868152 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=458, hop limit=0                |
| 126   | 104,868128 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=459, hop limit=0 (reply in 129) |
| 127   | 105,35527  | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x1029, seq=457, hop limit=0 (request in 124) |
| 128   | 105,868984 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=460, hop limit=0                |
| 129   | 106,378236 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x1029, seq=459, hop limit=0 (request in 126) |
| 130   | 106,869929 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=461, hop limit=0                |
| 131   | 107,878309 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=462, hop limit=0                |
| 132   | 108,886274 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=463, hop limit=0                |
| 133   | 109,894331 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=464, hop limit=0                |
| 134   | 110,90224  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=465, hop limit=0 (reply in 136) |
| 135   | 111,910254 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=466, hop limit=0                |
| 136   | 112,543363 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x1029, seq=465, hop limit=0 (request in 134) |
| 137   | 112,910976 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=467, hop limit=0                |

| PRUEBAS ENVÍO DE PAQUETES NODO 8 ENRUTAMIENTO ESTÁTICO Y LPL DE 1024 ms |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 138   | 113,918287 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=468, hop limit=0                |
| 139   | 114,92625  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=469, hop limit=0                |
| 140   | 115,93426  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=470, hop limit=0                |
| 141   | 116,942258 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=471, hop limit=0 (reply in 144) |
| 142   | 117,950258 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=472, hop limit=0                |
| 143   | 118,958248 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=473, hop limit=0 (reply in 146) |
| 144   | 119,446444 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x1029, seq=471, hop limit=0 (request in 141) |
| 145   | 119,959191 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=474, hop limit=0                |
| 146   | 120,492458 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x1029, seq=473, hop limit=0 (request in 143) |
| 147   | 120,960146 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=475, hop limit=0                |
| 148   | 121,960165 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=476, hop limit=0                |
| 149   | 122,960154 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=477, hop limit=0                |
| 150   | 123,960157 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=478, hop limit=0                |
| 151   | 124,960157 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=479, hop limit=0                |
| 152   | 125,960156 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=480, hop limit=0                |
| 153   | 126,960126 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=481, hop limit=0                |
| 154   | 127,96019  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=482, hop limit=0                |
| 155   | 128,964161 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=483, hop limit=0                |
| 156   | 129,964164 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=484, hop limit=0                |
| 157   | 130,964127 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=485, hop limit=0                |
| 158   | 131,964161 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=486, hop limit=0                |
| 159   | 132,964155 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=487, hop limit=0                |
| 160   | 133,964149 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=488, hop limit=0                |
| 161   | 134,964127 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=489, hop limit=0 (reply in 164) |
| 162   | 135,964156 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=490, hop limit=0                |
| 163   | 136,964152 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=491, hop limit=0                |
| 164   | 137,475663 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x1029, seq=489, hop limit=0 (request in 161) |
| 165   | 137,965389 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=492, hop limit=0                |
| 166   | 138,974262 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=493, hop limit=0                |
| 167   | 139,982255 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=494, hop limit=0 (reply in 170) |
| 168   | 140,990251 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=495, hop limit=0                |
| 169   | 141,998378 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=496, hop limit=0                |
| 170   | 142,616724 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x1029, seq=494, hop limit=0 (request in 167) |
| 171   | 142,999348 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=497, hop limit=0                |
| 172   | 144,006231 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=498, hop limit=0                |
| 173   | 145,014253 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=499, hop limit=0                |
| 174   | 146,022263 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=500, hop limit=0                |
| 175   | 147,030226 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=501, hop limit=0 (reply in 178) |
| 176   | 148,038229 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=502, hop limit=0                |
| 177   | 149,04623  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=503, hop limit=0 (reply in 180) |
| 178   | 149,532803 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x1029, seq=501, hop limit=0 (request in 175) |
| 179   | 150,047291 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=504, hop limit=0                |
| 180   | 150,674817 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x1029, seq=503, hop limit=0 (request in 177) |
| 181   | 151,048156 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=505, hop limit=0 (reply in 184) |
| 182   | 152,048151 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=506, hop limit=0                |

| PRUEBAS ENVÍO DE PAQUETES NODO 8 ENRUTAMIENTO ESTÁTICO Y LPL DE 1024 ms |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 183   | 153,048129 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=507, hop limit=0                |
| 184   | 153,532865 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x1029, seq=505, hop limit=0 (request in 181) |
| 185   | 154,049618 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=508, hop limit=0                |
| 186   | 155,058279 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=509, hop limit=0                |
| 187   | 156,066241 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=510, hop limit=0                |
| 188   | 157,074267 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=511, hop limit=0                |
| 189   | 158,082263 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=512, hop limit=0                |
| 190   | 159,090226 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=513, hop limit=0                |
| 191   | 160,098223 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=514, hop limit=0                |
| 192   | 161,106221 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=515, hop limit=0 (reply in 195) |
| 193   | 162,114266 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=516, hop limit=0                |
| 194   | 163,122252 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=517, hop limit=0                |
| 195   | 163,622929 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x1029, seq=515, hop limit=0 (request in 192) |
| 196   | 164,12362  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=518, hop limit=0                |
| 197   | 165,130284 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=519, hop limit=0                |
| 198   | 166,138255 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=520, hop limit=0                |
| 199   | 167,146232 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=521, hop limit=0                |
| 200   | 168,154254 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=522, hop limit=0 (reply in 203) |
| 201   | 169,162231 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=523, hop limit=0                |
| 202   | 170,170197 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=524, hop limit=0 (reply in 206) |
| 203   | 170,654062 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x1029, seq=522, hop limit=0 (request in 200) |
| 204   | 171,170814 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=525, hop limit=0                |
| 205   | 172,178247 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=526, hop limit=0                |
| 206   | 172,661093 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x1029, seq=524, hop limit=0 (request in 202) |
| 207   | 173,178815 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=527, hop limit=0                |
| 208   | 174,186256 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=528, hop limit=0                |
| 209   | 175,194274 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=529, hop limit=0                |
| 210   | 176,202274 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=530, hop limit=0                |
| 211   | 177,210242 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=531, hop limit=0                |
| 212   | 178,218216 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=532, hop limit=0                |
| 213   | 179,226254 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=533, hop limit=0                |
| 214   | 180,234277 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=534, hop limit=0 (reply in 216) |
| 215   | 181,242277 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=535, hop limit=0                |
| 216   | 181,753164 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x1029, seq=534, hop limit=0 (request in 214) |
| 217   | 182,242813 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=536, hop limit=0                |
| 218   | 183,250232 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=537, hop limit=0                |
| 219   | 184,258262 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=538, hop limit=0                |
| 220   | 185,266251 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=539, hop limit=0 (reply in 222) |
| 221   | 186,274241 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=540, hop limit=0 (reply in 224) |
| 222   | 186,777232 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x1029, seq=539, hop limit=0 (request in 220) |
| 223   | 187,274883 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=541, hop limit=0                |
| 224   | 187,816233 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x1029, seq=540, hop limit=0 (request in 221) |
| 225   | 188,274858 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=542, hop limit=0                |
| 226   | 189,282255 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=543, hop limit=0                |
| 227   | 190,290244 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=544, hop limit=0                |

| PRUEBAS ENVÍO DE PAQUETES NODO 8 ENRUTAMIENTO ESTÁTICO Y LPL DE 1024 ms |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 228   | 191,298223 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=545, hop limit=0                |
| 229   | 192,306277 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=546, hop limit=0                |
| 230   | 193,314302 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=547, hop limit=0                |
| 231   | 194,322232 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=548, hop limit=0 (reply in 234) |
| 232   | 195,330253 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=549, hop limit=0                |
| 233   | 196,33825  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=550, hop limit=0 (reply in 236) |
| 234   | 196,822361 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x1029, seq=548, hop limit=0 (request in 231) |
| 235   | 197,338096 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=551, hop limit=0                |
| 236   | 197,835357 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x1029, seq=550, hop limit=0 (request in 233) |
| 237   | 198,338    | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=552, hop limit=0                |
| 238   | 199,34625  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=553, hop limit=0 (reply in 240) |
| 239   | 200,354256 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=554, hop limit=0                |
| 240   | 200,840397 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x1029, seq=553, hop limit=0 (request in 238) |
| 241   | 201,354109 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=555, hop limit=0                |
| 242   | 202,362251 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=556, hop limit=0                |
| 243   | 203,370256 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=557, hop limit=0                |
| 244   | 204,37825  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=558, hop limit=0 (reply in 247) |
| 245   | 205,386246 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=559, hop limit=0                |
| 246   | 206,394193 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=560, hop limit=0                |
| 247   | 207,012497 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x1029, seq=558, hop limit=0 (request in 244) |
| 248   | 207,39404  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=561, hop limit=0 (reply in 251) |
| 249   | 208,402234 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=562, hop limit=0                |
| 250   | 209,410237 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=563, hop limit=0 (reply in 253) |
| 251   | 209,907533 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x1029, seq=561, hop limit=0 (request in 248) |
| 252   | 210,410044 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=564, hop limit=0                |
| 253   | 211,03752  | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x1029, seq=563, hop limit=0 (request in 250) |
| 254   | 211,41828  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=565, hop limit=0                |
| 255   | 212,426259 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=566, hop limit=0                |
| 256   | 213,434243 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=567, hop limit=0 (reply in 259) |
| 257   | 214,442259 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=568, hop limit=0                |
| 258   | 215,450254 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=569, hop limit=0                |
| 259   | 215,946614 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x1029, seq=567, hop limit=0 (request in 256) |
| 260   | 216,450355 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=570, hop limit=0 (reply in 262) |
| 261   | 217,458284 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=571, hop limit=0                |
| 262   | 217,997632 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x1029, seq=570, hop limit=0 (request in 260) |
| 263   | 218,458295 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=572, hop limit=0                |
| 264   | 219,466253 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=573, hop limit=0                |
| 265   | 220,474232 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=574, hop limit=0                |
| 266   | 221,482255 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=575, hop limit=0                |
| 267   | 222,49026  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=576, hop limit=0                |
| 268   | 223,498232 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=577, hop limit=0                |
| 269   | 224,506249 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=578, hop limit=0 (reply in 272) |
| 270   | 225,514261 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=579, hop limit=0                |
| 271   | 226,522233 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=580, hop limit=0 (reply in 274) |
| 272   | 227,005691 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x1029, seq=578, hop limit=0 (request in 269) |

| PRUEBAS ENVÍO DE PAQUETES NODO 8 ENRUTAMIENTO ESTÁTICO Y LPL DE 1024 ms |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 273   | 227,522369 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=581, hop limit=0                |
| 274   | 228,019705 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x1029, seq=580, hop limit=0 (request in 271) |
| 275   | 228,522341 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=582, hop limit=0                |
| 276   | 229,53022  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=583, hop limit=0 (reply in 278) |
| 277   | 230,538219 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=584, hop limit=0                |
| 278   | 231,034772 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x1029, seq=583, hop limit=0 (request in 276) |
| 279   | 231,538445 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=585, hop limit=0 (reply in 281) |
| 280   | 232,546279 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=586, hop limit=0                |
| 281   | 233,174815 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x1029, seq=585, hop limit=0 (request in 279) |
| 282   | 233,546429 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=587, hop limit=0 (reply in 285) |
| 283   | 234,554255 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=588, hop limit=0                |
| 284   | 235,562211 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=589, hop limit=0                |
| 285   | 236,070849 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x1029, seq=587, hop limit=0 (request in 282) |
| 286   | 236,562545 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=590, hop limit=0                |
| 287   | 237,570259 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=591, hop limit=0                |
| 288   | 238,578224 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=592, hop limit=0                |
| 289   | 239,586232 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=593, hop limit=0                |
| 290   | 240,594251 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=594, hop limit=0                |
| 291   | 241,602229 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=595, hop limit=0                |
| 292   | 242,610253 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=596, hop limit=0                |
| 293   | 243,618198 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=597, hop limit=0                |
| 294   | 244,626262 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=598, hop limit=0                |
| 295   | 245,634257 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=599, hop limit=0                |
| 296   | 246,642233 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=600, hop limit=0 (reply in 298) |
| 297   | 247,650251 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=601, hop limit=0                |
| 298   | 248,293998 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x1029, seq=600, hop limit=0 (request in 296) |
| 299   | 248,658204 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=602, hop limit=0                |
| 300   | 249,666261 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=603, hop limit=0                |
| 301   | 250,674251 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=604, hop limit=0 (reply in 304) |
| 302   | 251,68223  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=605, hop limit=0                |
| 303   | 252,690264 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=606, hop limit=0                |
| 304   | 253,179054 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x1029, seq=604, hop limit=0 (request in 301) |
| 305   | 253,690784 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=607, hop limit=0                |
| 306   | 254,698247 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=608, hop limit=0 (reply in 308) |
| 307   | 255,706258 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=609, hop limit=0                |
| 308   | 256,267094 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x1029, seq=608, hop limit=0 (request in 306) |
| 309   | 256,705767 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=610, hop limit=0                |
| 310   | 257,714254 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=611, hop limit=0                |
| 311   | 258,722247 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=612, hop limit=0                |
| 312   | 259,730249 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=613, hop limit=0                |
| 313   | 260,738274 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=614, hop limit=0 (reply in 316) |
| 314   | 261,746275 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=615, hop limit=0                |
| 315   | 262,754271 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=616, hop limit=0                |
| 316   | 263,263185 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x1029, seq=614, hop limit=0 (request in 313) |
| 317   | 263,753912 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=617, hop limit=0                |



| PRUEBAS ENVÍO DE PAQUETES NODO 8 ENRUTAMIENTO ESTÁTICO Y LPL DE 1024 ms |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 318   | 264,762253 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=618, hop limit=0                |
| 319   | 265,770242 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=619, hop limit=0                |
| 320   | 266,778195 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=620, hop limit=0                |
| 321   | 267,786248 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=621, hop limit=0                |
| 322   | 268,79425  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=622, hop limit=0                |
| 323   | 269,802275 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=623, hop limit=0 (reply in 326) |
| 324   | 270,810254 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=624, hop limit=0                |
| 325   | 271,818249 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=625, hop limit=0                |
| 326   | 272,318289 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x1029, seq=623, hop limit=0 (request in 323) |
| 327   | 272,819019 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=626, hop limit=0 (reply in 330) |
| 328   | 273,826225 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=627, hop limit=0                |
| 329   | 274,834223 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=628, hop limit=0                |
| 330   | 275,317329 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x1029, seq=626, hop limit=0 (request in 327) |
| 331   | 275,835084 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=629, hop limit=0                |
| 332   | 276,842307 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=630, hop limit=0                |
| 333   | 277,850251 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=631, hop limit=0                |
| 334   | 278,858246 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=632, hop limit=0                |
| 335   | 279,866259 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=633, hop limit=0                |
| 336   | 280,874252 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=634, hop limit=0 (reply in 339) |
| 337   | 281,882254 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=635, hop limit=0                |
| 338   | 282,890258 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=636, hop limit=0                |
| 339   | 283,401429 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x1029, seq=634, hop limit=0 (request in 336) |
| 340   | 283,891159 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=637, hop limit=0                |
| 341   | 284,898278 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=638, hop limit=0                |
| 342   | 285,906198 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=639, hop limit=0 (reply in 345) |
| 343   | 286,914228 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=640, hop limit=0                |
| 344   | 287,922223 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=641, hop limit=0 (reply in 347) |
| 345   | 288,403484 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x1029, seq=639, hop limit=0 (request in 342) |
| 346   | 288,923208 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=642, hop limit=0                |
| 347   | 289,432512 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x1029, seq=641, hop limit=0 (request in 344) |
| 348   | 289,92422  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=643, hop limit=0                |
| 349   | 290,924165 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=644, hop limit=0                |
| 350   | 291,924172 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=645, hop limit=0 (reply in 353) |
| 351   | 292,924158 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=646, hop limit=0                |
| 352   | 293,924155 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=647, hop limit=0                |
| 353   | 294,402562 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x1029, seq=645, hop limit=0 (request in 350) |
| 354   | 294,925304 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=648, hop limit=0                |
| 355   | 295,928147 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x1029, seq=649, hop limit=0                |

**Tabla 44. Test para el nodo 8 con 6Lowpan y RPL.**

| PRUEBAS ENVÍO DE PAQUETES NODO 8 CON RPL |      |           |             |          |        |   |
|--|------|-----------|-------------|----------|--------|---|
| No.                                      | Time | Source    | Destination | Protocol | Length | Info  |
| 1  | 0    | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=20, hop limit=0 (reply in 3) |

| PRUEBAS ENVÍO DE PAQUETES NODO 8 CON RPL |           |           |             |          |        |  |
|--|-----------|-----------|-------------|----------|--------|--|
| No.                                      | Time      | Source    | Destination | Protocol | Length | Info   |
| 2  | 1,006674  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=21, hop limit=0               |
| 3  | 1,056359  | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=20, hop limit=0 (request in 1)  |
| 4  | 2,008624  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=22, hop limit=0 (reply in 6)  |
| 5  | 3,008575  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=23, hop limit=0               |
| 6  | 3,110038  | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=22, hop limit=0 (request in 4)  |
| 7  | 4,010192  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=24, hop limit=0 (reply in 9)  |
| 8  | 5,018704  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=25, hop limit=0               |
| 9  | 5,199472  | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=24, hop limit=0 (request in 7)  |
| 10                                       | 6,020136  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=26, hop limit=0 (reply in 12) |
| 11                                       | 7,026667  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=27, hop limit=0               |
| 12                                       | 7,105282  | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=26, hop limit=0 (request in 10) |
| 13                                       | 8,028492  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=28, hop limit=0 (reply in 15) |
| 14                                       | 9,028538  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=29, hop limit=0               |
| 15                                       | 9,085711  | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=28, hop limit=0 (request in 13) |
| 16                                       | 10,029935 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=30, hop limit=0 (reply in 18) |
| 17                                       | 11,038681 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=31, hop limit=0               |
| 18                                       | 11,261249 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=30, hop limit=0 (request in 16) |
| 19                                       | 12,04021  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=32, hop limit=0 (reply in 21) |
| 20                                       | 13,046669 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=33, hop limit=0               |
| 21                                       | 13,110907 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=32, hop limit=0 (request in 19) |
| 22                                       | 14,048106 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=34, hop limit=0 (reply in 24) |
| 23                                       | 15,054627 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=35, hop limit=0               |
| 24                                       | 15,088543 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=34, hop limit=0 (request in 22) |
| 25                                       | 16,055748 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=36, hop limit=0 (reply in 27) |
| 26                                       | 17,062715 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=37, hop limit=0               |
| 27                                       | 17,107911 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=36, hop limit=0 (request in 25) |
| 28                                       | 18,064127 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=38, hop limit=0 (reply in 30) |
| 29                                       | 19,070669 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=39, hop limit=0               |
| 30                                       | 19,174408 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=38, hop limit=0 (request in 28) |
| 31                                       | 20,072557 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=40, hop limit=0 (reply in 33) |
| 32                                       | 21,072582 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=41, hop limit=0               |
| 33                                       | 21,138038 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=40, hop limit=0 (request in 31) |
| 34                                       | 22,074251 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=42, hop limit=0 (reply in 36) |
| 35                                       | 23,082655 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=43, hop limit=0               |
| 36                                       | 23,153539 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=42, hop limit=0 (request in 34) |
| 37                                       | 24,083745 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=44, hop limit=0 (reply in 39) |
| 38                                       | 25,090662 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=45, hop limit=0               |
| 39                                       | 25,195959 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=44, hop limit=0 (request in 37) |
| 40                                       | 26,092086 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=46, hop limit=0 (reply in 42) |
| 41                                       | 27,098589 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=47, hop limit=0 (reply in 44) |
| 42                                       | 27,121592 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=46, hop limit=0 (request in 40) |
| 43                                       | 28,099755 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=48, hop limit=0               |
| 44                                       | 28,19479  | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=47, hop limit=0 (request in 41) |
| 45                                       | 29,100978 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=49, hop limit=0 (reply in 47) |
| 46                                       | 30,100502 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=50, hop limit=0               |

| PRUEBAS ENVÍO DE PAQUETES NODO 8 CON RPL |           |           |             |          |        |  |
|--|-----------|-----------|-------------|----------|--------|--|
| No.                                      | Time      | Source    | Destination | Protocol | Length | Info   |
| 47                                       | 30,195288 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=49, hop limit=0 (request in 45) |
| 48                                       | 31,102452 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=51, hop limit=0               |
| 49                                       | 32,110686 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=52, hop limit=0 (reply in 51) |
| 50                                       | 33,118688 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=53, hop limit=0               |
| 51                                       | 33,159171 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=52, hop limit=0 (request in 49) |
| 52                                       | 34,120378 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=54, hop limit=0 (reply in 54) |
| 53                                       | 35,120513 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=55, hop limit=0               |
| 54                                       | 35,190675 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=54, hop limit=0 (request in 52) |
| 55                                       | 36,121814 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=56, hop limit=0 (reply in 57) |
| 56                                       | 37,130677 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=57, hop limit=0               |
| 57                                       | 37,168295 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=56, hop limit=0 (request in 55) |
| 58                                       | 38,131561 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=58, hop limit=0 (reply in 60) |
| 59                                       | 39,138696 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=59, hop limit=0               |
| 60                                       | 39,216608 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=58, hop limit=0 (request in 58) |
| 61                                       | 40,139802 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=60, hop limit=0 (reply in 63) |
| 62                                       | 41,146561 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=61, hop limit=0               |
| 63                                       | 41,179424 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=60, hop limit=0 (request in 61) |
| 64                                       | 42,147672 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=62, hop limit=0 (reply in 66) |
| 65                                       | 43,154692 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=63, hop limit=0               |
| 66                                       | 43,227921 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=62, hop limit=0 (request in 64) |
| 67                                       | 44,156129 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=64, hop limit=0 (reply in 69) |
| 68                                       | 45,162599 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=65, hop limit=0 (reply in 71) |
| 69                                       | 45,186545 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=64, hop limit=0 (request in 67) |
| 70                                       | 46,1638   | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=66, hop limit=0               |
| 71                                       | 46,246801 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=65, hop limit=0 (request in 68) |
| 72                                       | 47,164997 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=67, hop limit=0 (reply in 74) |
| 73                                       | 48,164524 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=68, hop limit=0               |
| 74                                       | 48,248305 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=67, hop limit=0 (request in 72) |
| 75                                       | 49,165652 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=69, hop limit=0 (reply in 77) |
| 76                                       | 50,174652 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=70, hop limit=0               |
| 77                                       | 50,220932 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=69, hop limit=0 (request in 75) |
| 78                                       | 51,176145 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=71, hop limit=0 (reply in 80) |
| 79                                       | 52,182631 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=72, hop limit=0               |
| 80                                       | 52,231354 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=71, hop limit=0 (request in 78) |
| 81                                       | 53,184606 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=73, hop limit=0 (reply in 83) |
| 82                                       | 54,184578 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=74, hop limit=0               |
| 83                                       | 54,247053 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=73, hop limit=0 (request in 81) |
| 84                                       | 55,186246 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=75, hop limit=0 (reply in 86) |
| 85                                       | 56,194702 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=76, hop limit=0               |
| 86                                       | 56,259552 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=75, hop limit=0 (request in 84) |
| 87                                       | 57,19577  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=77, hop limit=0 (reply in 89) |
| 88                                       | 58,202666 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=78, hop limit=0               |
| 89                                       | 58,246129 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=77, hop limit=0 (request in 87) |
| 90                                       | 59,204369 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=79, hop limit=0 (reply in 92) |
| 91                                       | 60,204594 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=80, hop limit=0               |

| PRUEBAS ENVÍO DE PAQUETES NODO 8 CON RPL |           |           |             |          |        |  |
|--|-----------|-----------|-------------|----------|--------|--|
| No.                                      | Time      | Source    | Destination | Protocol | Length | Info   |
| 92                                       | 60,277678 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=79, hop limit=0 (request in 90)   |
| 93                                       | 61,205879 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=81, hop limit=0 (reply in 95)   |
| 94                                       | 62,214648 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=82, hop limit=0                 |
| 95                                       | 62,261313 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=81, hop limit=0 (request in 93)   |
| 96                                       | 63,216555 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=83, hop limit=0 (reply in 98)   |
| 97                                       | 64,216576 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=84, hop limit=0                 |
| 98                                       | 64,319605 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=83, hop limit=0 (request in 96)   |
| 99                                       | 65,217787 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=85, hop limit=0 (reply in 101)  |
| 100                                      | 66,22669  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=86, hop limit=0                 |
| 101                                      | 66,319185 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=85, hop limit=0 (request in 99)   |
| 102                                      | 67,228365 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=87, hop limit=0 (reply in 104)  |
| 103                                      | 68,228536 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=88, hop limit=0                 |
| 104                                      | 68,279811 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=87, hop limit=0 (request in 102)  |
| 105                                      | 69,230039 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=89, hop limit=0 (reply in 107)  |
| 106                                      | 70,238664 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=90, hop limit=0                 |
| 107                                      | 70,290388 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=89, hop limit=0 (request in 105)  |
| 108                                      | 71,240481 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=91, hop limit=0 (reply in 110)  |
| 109                                      | 72,240559 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=92, hop limit=0                 |
| 110                                      | 72,280815 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=91, hop limit=0 (request in 108)  |
| 111                                      | 73,241997 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=93, hop limit=0 (reply in 113)  |
| 112                                      | 74,250661 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=94, hop limit=0                 |
| 113                                      | 74,313332 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=93, hop limit=0 (request in 111)  |
| 114                                      | 75,252544 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=95, hop limit=0 (reply in 116)  |
| 115                                      | 76,252571 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=96, hop limit=0                 |
| 116                                      | 76,315815 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=95, hop limit=0 (request in 114)  |
| 117                                      | 77,254002 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=97, hop limit=0 (reply in 119)  |
| 118                                      | 78,262598 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=98, hop limit=0                 |
| 119                                      | 78,337325 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=97, hop limit=0 (request in 117)  |
| 120                                      | 79,264511 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=99, hop limit=0 (reply in 122)  |
| 121                                      | 80,264538 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=100, hop limit=0                |
| 122                                      | 80,349814 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=99, hop limit=0 (request in 120)  |
| 123                                      | 81,265956 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=101, hop limit=0 (reply in 125) |
| 124                                      | 82,27467  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=102, hop limit=0                |
| 125                                      | 82,368331 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=101, hop limit=0 (request in 123) |
| 126                                      | 83,276569 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=103, hop limit=0 (reply in 128) |
| 127                                      | 84,276565 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=104, hop limit=0                |
| 128                                      | 84,355824 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=103, hop limit=0 (request in 126) |
| 129                                      | 85,277982 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=105, hop limit=0 (reply in 131) |
| 130                                      | 86,286669 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=106, hop limit=0                |
| 131                                      | 86,355446 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=105, hop limit=0 (request in 129) |
| 132                                      | 87,288061 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=107, hop limit=0 (reply in 134) |
| 133                                      | 88,294537 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=108, hop limit=0 (reply in 136) |
| 134                                      | 88,316954 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=107, hop limit=0 (request in 132) |
| 135                                      | 89,296063 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=109, hop limit=0                |
| 136                                      | 89,358107 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=108, hop limit=0 (request in 133) |

| PRUEBAS ENVÍO DE PAQUETES NODO 8 CON RPL |            |           |             |          |        |  |
|--|------------|-----------|-------------|----------|--------|--|
| No.                                      | Time       | Source    | Destination | Protocol | Length | Info   |
| 137                                      | 90,29718   | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=110, hop limit=0 (reply in 139) |
| 138                                      | 91,296488  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=111, hop limit=0                |
| 139                                      | 91,380542  | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=110, hop limit=0 (request in 137) |
| 140                                      | 92,297594  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=112, hop limit=0 (reply in 142) |
| 141                                      | 93,306577  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=113, hop limit=0                |
| 142                                      | 93,361878  | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=112, hop limit=0 (request in 140) |
| 143                                      | 94,307959  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=114, hop limit=0 (reply in 145) |
| 144                                      | 95,314594  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=115, hop limit=0                |
| 145                                      | 95,358149  | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=114, hop limit=0 (request in 143) |
| 146                                      | 96,316342  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=116, hop limit=0 (reply in 148) |
| 147                                      | 97,316484  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=117, hop limit=0                |
| 148                                      | 97,497249  | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=116, hop limit=0 (request in 146) |
| 149                                      | 98,317242  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=118, hop limit=0 (reply in 151) |
| 150                                      | 99,31653   | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=119, hop limit=0                |
| 151                                      | 99,403703  | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=118, hop limit=0 (request in 149) |
| 152                                      | 100,317876 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=120, hop limit=0 (reply in 154) |
| 153                                      | 101,326635 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=121, hop limit=0                |
| 154                                      | 101,381274 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=120, hop limit=0 (request in 152) |
| 155                                      | 102,328458 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=122, hop limit=0 (reply in 157) |
| 156                                      | 103,328532 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=123, hop limit=0                |
| 157                                      | 103,391829 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=122, hop limit=0 (request in 155) |
| 158                                      | 104,32998  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=124, hop limit=0 (reply in 160) |
| 159                                      | 105,338648 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=125, hop limit=0                |
| 160                                      | 105,37746  | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=124, hop limit=0 (request in 158) |
| 161                                      | 106,340696 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=126, hop limit=0 (reply in 163) |
| 162                                      | 107,340517 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=127, hop limit=0                |
| 163                                      | 107,369087 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=126, hop limit=0 (request in 161) |
| 164                                      | 108,342314 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=128, hop limit=0 (reply in 166) |
| 165                                      | 109,350649 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=129, hop limit=0                |
| 166                                      | 109,389538 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=128, hop limit=0 (request in 164) |
| 167                                      | 110,351728 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=130, hop limit=0 (reply in 169) |
| 168                                      | 111,358641 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=131, hop limit=0                |
| 169                                      | 111,409831 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=130, hop limit=0 (request in 167) |
| 170                                      | 112,36006  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=132, hop limit=0 (reply in 172) |
| 171                                      | 113,366668 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=133, hop limit=0                |
| 172                                      | 113,459175 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=132, hop limit=0 (request in 170) |
| 173                                      | 114,367356 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=134, hop limit=0 (reply in 175) |
| 174                                      | 115,374712 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=135, hop limit=0                |
| 175                                      | 115,457707 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=134, hop limit=0 (request in 173) |
| 176                                      | 116,374906 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=136, hop limit=0 (reply in 178) |
| 177                                      | 117,382653 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=137, hop limit=0                |
| 178                                      | 117,456132 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=136, hop limit=0 (request in 176) |
| 179                                      | 118,383263 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=138, hop limit=0 (reply in 181) |
| 180                                      | 119,390652 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=139, hop limit=0                |
| 181                                      | 119,430677 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=138, hop limit=0 (request in 179) |

| PRUEBAS ENVÍO DE PAQUETES NODO 8 CON RPL |            |           |             |          |        |  |
|--|------------|-----------|-------------|----------|--------|--|
| No.                                      | Time       | Source    | Destination | Protocol | Length | Info   |
| 182                                      | 120,390824 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=140, hop limit=0 (reply in 184) |
| 183                                      | 121,398542 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=141, hop limit=0                |
| 184                                      | 121,460178 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=140, hop limit=0 (request in 182) |
| 185                                      | 122,399291 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=142, hop limit=0 (reply in 187) |
| 186                                      | 123,406631 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=143, hop limit=0                |
| 187                                      | 123,440546 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=142, hop limit=0 (request in 185) |
| 188                                      | 124,406691 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=144, hop limit=0 (reply in 190) |
| 189                                      | 125,414715 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=145, hop limit=0                |
| 190                                      | 125,471885 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=144, hop limit=0 (request in 188) |
| 191                                      | 126,415066 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=146, hop limit=0 (reply in 193) |
| 192                                      | 127,422649 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=147, hop limit=0                |
| 193                                      | 127,486467 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=146, hop limit=0 (request in 191) |
| 194                                      | 128,423678 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=148, hop limit=0 (reply in 196) |
| 195                                      | 129,430713 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=149, hop limit=0                |
| 196                                      | 129,481896 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=148, hop limit=0 (request in 194) |
| 197                                      | 130,432079 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=150, hop limit=0 (reply in 199) |
| 198                                      | 131,438649 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=151, hop limit=0                |
| 199                                      | 131,480471 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=150, hop limit=0 (request in 197) |
| 200                                      | 132,439674 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=152, hop limit=0 (reply in 202) |
| 201                                      | 133,446718 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=153, hop limit=0                |
| 202                                      | 133,515938 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=152, hop limit=0 (request in 200) |
| 203                                      | 134,447998 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=154, hop limit=0 (reply in 205) |
| 204                                      | 135,454646 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=155, hop limit=0                |
| 205                                      | 135,512601 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=154, hop limit=0 (request in 203) |
| 206                                      | 136,455154 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=156, hop limit=0 (reply in 208) |
| 207                                      | 137,462661 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=157, hop limit=0                |
| 208                                      | 137,506094 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=156, hop limit=0 (request in 206) |
| 209                                      | 138,464276 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=158, hop limit=0 (reply in 211) |
| 210                                      | 139,470656 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=159, hop limit=0                |
| 211                                      | 139,538383 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=158, hop limit=0 (request in 209) |
| 212                                      | 140,472551 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=160, hop limit=0 (reply in 214) |
| 213                                      | 141,47248  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=161, hop limit=0                |
| 214                                      | 141,541814 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=160, hop limit=0 (request in 212) |
| 215                                      | 142,473906 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=162, hop limit=0 (reply in 217) |
| 216                                      | 143,482677 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=163, hop limit=0                |
| 217                                      | 143,691222 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=162, hop limit=0 (request in 215) |
| 218                                      | 144,484257 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=164, hop limit=0 (reply in 220) |
| 219                                      | 145,490613 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=165, hop limit=0                |
| 220                                      | 145,533799 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=164, hop limit=0 (request in 218) |
| 221                                      | 146,49197  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=166, hop limit=0 (reply in 223) |
| 222                                      | 147,498638 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=167, hop limit=0                |
| 223                                      | 147,549354 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=166, hop limit=0 (request in 221) |
| 224                                      | 148,500589 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=168, hop limit=0 (reply in 226) |
| 225                                      | 149,500552 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=169, hop limit=0                |
| 226                                      | 149,606558 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=168, hop limit=0 (request in 224) |

| PRUEBAS ENVÍO DE PAQUETES NODO 8 CON RPL |            |           |             |          |        |  |
|--|------------|-----------|-------------|----------|--------|--|
| No.                                      | Time       | Source    | Destination | Protocol | Length | Info   |
| 227                                      | 150,501693 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=170, hop limit=0 (reply in 229) |
| 228                                      | 151,51065  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=171, hop limit=0                |
| 229                                      | 151,59515  | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=170, hop limit=0 (request in 227) |
| 230                                      | 152,512298 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=172, hop limit=0 (reply in 232) |
| 231                                      | 153,518691 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=173, hop limit=0                |
| 232                                      | 153,578853 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=172, hop limit=0 (request in 230) |
| 233                                      | 154,520068 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=174, hop limit=0 (reply in 235) |
| 234                                      | 155,526647 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=175, hop limit=0                |
| 235                                      | 155,559427 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=174, hop limit=0 (request in 233) |
| 236                                      | 156,528634 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=176, hop limit=0 (reply in 238) |
| 237                                      | 157,528572 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=177, hop limit=0                |
| 238                                      | 157,575903 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=176, hop limit=0 (request in 236) |
| 239                                      | 158,530139 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=178, hop limit=0 (reply in 241) |
| 240                                      | 159,538676 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=179, hop limit=0                |
| 241                                      | 159,594369 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=178, hop limit=0 (request in 239) |
| 242                                      | 160,540606 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=180, hop limit=0 (reply in 244) |
| 243                                      | 161,540532 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=181, hop limit=0                |
| 244                                      | 161,632816 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=180, hop limit=0 (request in 242) |
| 245                                      | 162,541946 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=182, hop limit=0 (reply in 247) |
| 246                                      | 163,550666 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=183, hop limit=0                |
| 247                                      | 163,614445 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=182, hop limit=0 (request in 245) |
| 248                                      | 164,552601 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=184, hop limit=0 (reply in 250) |
| 249                                      | 165,552515 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=185, hop limit=0                |
| 250                                      | 165,635866 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=184, hop limit=0 (request in 248) |
| 251                                      | 166,554057 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=186, hop limit=0 (reply in 253) |
| 252                                      | 167,562621 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=187, hop limit=0                |
| 253                                      | 167,639366 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=186, hop limit=0 (request in 251) |
| 254                                      | 168,56454  | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=188, hop limit=0 (reply in 256) |
| 255                                      | 169,564579 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=189, hop limit=0                |
| 256                                      | 169,658582 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=188, hop limit=0 (request in 254) |
| 257                                      | 170,565748 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=190, hop limit=0 (reply in 259) |
| 258                                      | 171,574677 | fec0::100 | fec0::8     | ICMPv6   | 1197   | Echo (ping) request id=0x3305, seq=191, hop limit=0                |
| 259                                      | 171,777864 | fec0::8   | fec0::100   | ICMPv6   | 1197   | Echo (ping) reply id=0x3305, seq=190, hop limit=0 (request in 257) |

**Tabla 45. Test para el nodo 8 con 6Lowpan, LPL 512 ms y RPL.**

| PRUEBAS ENVÍO DE PAQUETES NODO 8 CON RPL Y LPL DE 512 ms |          |           |             |          |        |  |
|--|----------|-----------|-------------|----------|--------|--|
| No.  | Time     | Source    | Destination | Protocol | Length | Info   |
| 1  | 0        | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=17, hop limit=0 |
| 2  | 1,008086 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=18, hop limit=0 |
| 3  | 2,016094 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=19, hop limit=0 |
| 4  | 3,023985 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=20, hop limit=0 |
| 5  | 4,032047 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=21, hop limit=0 |
| 6  | 5,039983 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=22, hop limit=0 |

| PRUEBAS ENVÍO DE PAQUETES NODO 8 CON RPL Y LPL DE 512 ms |           |           |             |          |        |  |
|--|-----------|-----------|-------------|----------|--------|--|
| No.  | Time      | Source    | Destination | Protocol | Length | Info   |
| 7  | 6,048067  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=23, hop limit=0               |
| 8  | 7,056046  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=24, hop limit=0 (reply in 10) |
| 9  | 8,064117  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=25, hop limit=0               |
| 10   | 8,695212  | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3141, seq=24, hop limit=0 (request in 8)  |
| 11   | 9,064818  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=26, hop limit=0               |
| 12   | 10,072156 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=27, hop limit=0               |
| 13   | 11,080117 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=28, hop limit=0               |
| 14   | 12,088109 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=29, hop limit=0               |
| 15   | 13,095988 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=30, hop limit=0 (reply in 17) |
| 16   | 14,104015 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=31, hop limit=0               |
| 17   | 14,280728 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3141, seq=30, hop limit=0 (request in 15) |
| 18   | 15,10567  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=32, hop limit=0 (reply in 21) |
| 19   | 16,111981 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=33, hop limit=0               |
| 20   | 17,119997 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=34, hop limit=0               |
| 21   | 17,441847 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3141, seq=32, hop limit=0 (request in 18) |
| 22   | 18,120782 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=35, hop limit=0               |
| 23   | 19,128056 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=36, hop limit=0               |
| 24   | 20,136117 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=37, hop limit=0               |
| 25   | 21,14398  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=38, hop limit=0               |
| 26   | 22,152056 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=39, hop limit=0               |
| 27   | 23,160036 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=40, hop limit=0               |
| 28   | 24,168057 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=41, hop limit=0 (reply in 30) |
| 29   | 25,175998 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=42, hop limit=0               |
| 30   | 25,367918 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3141, seq=41, hop limit=0 (request in 28) |
| 31   | 26,177502 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=43, hop limit=0               |
| 32   | 27,184057 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=44, hop limit=0               |
| 33   | 28,192009 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=45, hop limit=0               |
| 34   | 29,200015 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=46, hop limit=0               |
| 35   | 30,207966 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=47, hop limit=0               |
| 36   | 31,215989 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=48, hop limit=0 (reply in 38) |
| 37   | 32,224056 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=49, hop limit=0               |
| 38   | 32,469261 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3141, seq=48, hop limit=0 (request in 36) |
| 39   | 33,22519  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=50, hop limit=0               |
| 40   | 34,232032 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=51, hop limit=0               |
| 41   | 35,239983 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=52, hop limit=0               |
| 42   | 36,248007 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=53, hop limit=0               |
| 43   | 37,255962 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=54, hop limit=0               |
| 44   | 38,264077 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=55, hop limit=0               |
| 45   | 39,272108 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=56, hop limit=0               |
| 46   | 40,280095 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=57, hop limit=0               |
| 47   | 41,28795  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=58, hop limit=0               |
| 48   | 42,295985 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=59, hop limit=0               |
| 49   | 43,304034 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=60, hop limit=0               |
| 50   | 44,312026 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=61, hop limit=0               |
| 51   | 45,319999 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=62, hop limit=0               |



| PRUEBAS ENVÍO DE PAQUETES NODO 8 CON RPL Y LPL DE 512 ms |           |           |             |          |        |  |
|--|-----------|-----------|-------------|----------|--------|--|
| No.  | Time      | Source    | Destination | Protocol | Length | Info   |
| 52   | 46,328149 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=63, hop limit=0               |
| 53   | 47,336008 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=64, hop limit=0               |
| 54   | 48,344096 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=65, hop limit=0               |
| 55   | 49,352081 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=66, hop limit=0 (reply in 57) |
| 56   | 50,35997  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=67, hop limit=0               |
| 57   | 50,560931 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3141, seq=66, hop limit=0 (request in 55) |
| 58   | 51,360881 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=68, hop limit=0               |
| 59   | 52,368056 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=69, hop limit=0               |
| 60   | 53,376043 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=70, hop limit=0               |
| 61   | 54,383972 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=71, hop limit=0               |
| 62   | 55,392091 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=72, hop limit=0               |
| 63   | 56,400026 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=73, hop limit=0               |
| 64   | 57,407981 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=74, hop limit=0 (reply in 66) |
| 65   | 58,415968 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=75, hop limit=0               |
| 66   | 58,682693 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3141, seq=74, hop limit=0 (request in 64) |
| 67   | 59,41761  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=76, hop limit=0               |
| 68   | 60,424036 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=77, hop limit=0               |
| 69   | 61,432106 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=78, hop limit=0               |
| 70   | 62,440078 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=79, hop limit=0               |
| 71   | 63,44808  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=80, hop limit=0               |
| 72   | 64,456059 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=81, hop limit=0 (reply in 74) |
| 73   | 65,464016 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=82, hop limit=0               |
| 74   | 65,823391 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3141, seq=81, hop limit=0 (request in 72) |
| 75   | 66,464216 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=83, hop limit=0 (reply in 77) |
| 76   | 67,472033 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=84, hop limit=0               |
| 77   | 67,844161 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3141, seq=83, hop limit=0 (request in 75) |
| 78   | 68,471955 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=85, hop limit=0               |
| 79   | 69,480102 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=86, hop limit=0               |
| 80   | 70,488051 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=87, hop limit=0               |
| 81   | 71,496025 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=88, hop limit=0               |
| 82   | 72,504    | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=89, hop limit=0               |
| 83   | 73,512033 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=90, hop limit=0 (reply in 85) |
| 84   | 74,520088 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=91, hop limit=0               |
| 85   | 74,766247 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3141, seq=90, hop limit=0 (request in 83) |
| 86   | 75,521202 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=92, hop limit=0 (reply in 88) |
| 87   | 76,528063 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=93, hop limit=0               |
| 88   | 76,774749 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3141, seq=92, hop limit=0 (request in 86) |
| 89   | 77,529741 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=94, hop limit=0 (reply in 91) |
| 90   | 78,536041 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=95, hop limit=0               |
| 91   | 79,086272 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3141, seq=94, hop limit=0 (request in 89) |
| 92   | 79,535832 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=96, hop limit=0               |
| 93   | 80,544023 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=97, hop limit=0               |
| 94   | 81,552057 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=98, hop limit=0               |
| 95   | 82,560087 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=99, hop limit=0               |
| 96   | 83,568079 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=100, hop limit=0              |

| PRUEBAS ENVÍO DE PAQUETES NODO 8 CON RPL Y LPL DE 512 ms |            |           |             |          |        |  |
|--|------------|-----------|-------------|----------|--------|--|
| No.  | Time       | Source    | Destination | Protocol | Length | Info   |
| 97   | 84,576051  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=101, hop limit=0                |
| 98   | 85,584047  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=102, hop limit=0                |
| 99   | 86,592028  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=103, hop limit=0                |
| 100  | 87,600004  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=104, hop limit=0                |
| 101  | 88,608028  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=105, hop limit=0                |
| 102  | 89,616003  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=106, hop limit=0                |
| 103  | 90,624054  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=107, hop limit=0                |
| 104  | 91,632031  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=108, hop limit=0                |
| 105  | 92,639979  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=109, hop limit=0                |
| 106  | 93,647933  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=110, hop limit=0                |
| 107  | 94,655939  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=111, hop limit=0                |
| 108  | 95,664034  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=112, hop limit=0                |
| 109  | 96,671942  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=113, hop limit=0                |
| 110  | 97,679976  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=114, hop limit=0                |
| 111  | 98,687986  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=115, hop limit=0                |
| 112  | 99,696011  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=116, hop limit=0                |
| 113  | 100,704003 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=117, hop limit=0                |
| 114  | 101,711993 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=118, hop limit=0 (reply in 116) |
| 115  | 102,719963 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=119, hop limit=0 (reply in 118) |
| 116  | 103,218333 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3141, seq=118, hop limit=0 (request in 114) |
| 117  | 103,719976 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=120, hop limit=0                |
| 118  | 103,997708 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3141, seq=119, hop limit=0 (request in 115) |
| 119  | 104,720587 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=121, hop limit=0                |
| 120  | 105,727974 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=122, hop limit=0                |
| 121  | 106,736023 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=123, hop limit=0                |
| 122  | 107,744004 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=124, hop limit=0                |
| 123  | 108,751995 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=125, hop limit=0                |
| 124  | 109,759983 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=126, hop limit=0                |
| 125  | 110,767983 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=127, hop limit=0                |
| 126  | 111,776039 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=128, hop limit=0                |
| 127  | 112,783959 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=129, hop limit=0                |
| 128  | 113,791973 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=130, hop limit=0                |
| 129  | 114,799942 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=131, hop limit=0                |
| 130  | 115,807979 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=132, hop limit=0                |
| 131  | 116,816019 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=133, hop limit=0                |
| 132  | 117,823923 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=134, hop limit=0                |
| 133  | 118,831997 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=135, hop limit=0                |
| 134  | 119,839956 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=136, hop limit=0                |
| 135  | 120,848017 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=137, hop limit=0                |
| 136  | 121,85602  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=138, hop limit=0                |
| 137  | 122,864074 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=139, hop limit=0 (reply in 139) |
| 138  | 123,872061 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=140, hop limit=0                |
| 139  | 124,086872 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3141, seq=139, hop limit=0 (request in 137) |
| 140  | 124,873849 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=141, hop limit=0                |
| 141  | 125,873951 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=142, hop limit=0 (reply in 143) |

| PRUEBAS ENVÍO DE PAQUETES NODO 8 CON RPL Y LPL DE 512 ms |            |           |             |          |        |  |
|--|------------|-----------|-------------|----------|--------|--|
| No.  | Time       | Source    | Destination | Protocol | Length | Info   |
| 142  | 126,873966 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=143, hop limit=0                |
| 143  | 127,119028 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3141, seq=142, hop limit=0 (request in 141) |
| 144  | 127,874907 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=144, hop limit=0 (reply in 146) |
| 145  | 128,883975 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=145, hop limit=0                |
| 146  | 129,12918  | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3141, seq=144, hop limit=0 (request in 144) |
| 147  | 129,885069 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=146, hop limit=0 (reply in 149) |
| 148  | 130,892004 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=147, hop limit=0                |
| 149  | 131,459049 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3141, seq=146, hop limit=0 (request in 147) |
| 150  | 131,892627 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=148, hop limit=0                |
| 151  | 132,899953 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=149, hop limit=0                |
| 152  | 133,908019 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=150, hop limit=0                |
| 153  | 134,916004 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=151, hop limit=0 (reply in 155) |
| 154  | 135,924016 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=152, hop limit=0                |
| 155  | 136,124881 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3141, seq=151, hop limit=0 (request in 153) |
| 156  | 136,925587 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=153, hop limit=0 (reply in 158) |
| 157  | 137,932028 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=154, hop limit=0                |
| 158  | 138,139026 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3141, seq=153, hop limit=0 (request in 156) |
| 159  | 138,933021 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=155, hop limit=0                |
| 160  | 139,940031 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=156, hop limit=0                |
| 161  | 140,948052 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=157, hop limit=0                |
| 162  | 141,955996 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=158, hop limit=0                |
| 163  | 142,964034 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=159, hop limit=0                |
| 164  | 143,972006 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=160, hop limit=0                |
| 165  | 144,980086 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=161, hop limit=0                |
| 166  | 145,987956 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=162, hop limit=0                |
| 167  | 146,995968 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=163, hop limit=0                |
| 168  | 148,003947 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=164, hop limit=0                |
| 169  | 149,011196 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=165, hop limit=0                |
| 170  | 150,020077 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=166, hop limit=0                |
| 171  | 151,027941 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=167, hop limit=0                |
| 172  | 152,03595  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=168, hop limit=0 (reply in 174) |
| 173  | 153,044076 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=169, hop limit=0                |
| 174  | 153,27486  | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3141, seq=168, hop limit=0 (request in 172) |
| 175  | 154,045758 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=170, hop limit=0                |
| 176  | 155,051952 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=171, hop limit=0                |
| 177  | 156,060025 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=172, hop limit=0                |
| 178  | 157,068032 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=173, hop limit=0 (reply in 181) |
| 179  | 158,076036 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=174, hop limit=0                |
| 180  | 159,083981 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=175, hop limit=0                |
| 181  | 159,308058 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3141, seq=173, hop limit=0 (request in 178) |
| 182  | 160,084956 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=176, hop limit=0                |
| 183  | 161,091958 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=177, hop limit=0                |
| 184  | 162,100004 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=178, hop limit=0 (reply in 186) |
| 185  | 163,108013 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=179, hop limit=0                |
| 186  | 163,599312 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3141, seq=178, hop limit=0 (request in 184) |

| PRUEBAS ENVÍO DE PAQUETES NODO 8 CON RPL Y LPL DE 512 ms |            |           |             |          |        |  |
|--|------------|-----------|-------------|----------|--------|--|
| No.  | Time       | Source    | Destination | Protocol | Length | Info   |
| 187  | 164,108914 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=180, hop limit=0                |
| 188  | 165,115927 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=181, hop limit=0 (reply in 190) |
| 189  | 166,124012 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=182, hop limit=0 (reply in 192) |
| 190  | 166,61873  | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3141, seq=181, hop limit=0 (request in 188) |
| 191  | 167,125378 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=183, hop limit=0                |
| 192  | 167,378936 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3141, seq=182, hop limit=0 (request in 189) |
| 193  | 168,126752 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=184, hop limit=0                |
| 194  | 169,125883 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=185, hop limit=0 (reply in 196) |
| 195  | 170,125936 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=186, hop limit=0                |
| 196  | 170,402339 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3141, seq=185, hop limit=0 (request in 194) |
| 197  | 171,127175 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=187, hop limit=0 (reply in 199) |
| 198  | 172,135925 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=188, hop limit=0                |
| 199  | 172,417573 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3141, seq=187, hop limit=0 (request in 197) |
| 200  | 173,137483 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=189, hop limit=0                |
| 201  | 174,143945 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=190, hop limit=0                |
| 202  | 175,151969 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=191, hop limit=0                |
| 203  | 176,159972 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=192, hop limit=0                |
| 204  | 177,167977 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=193, hop limit=0                |
| 205  | 178,17597  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=194, hop limit=0 (reply in 207) |
| 206  | 179,183974 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=195, hop limit=0                |
| 207  | 179,373448 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3141, seq=194, hop limit=0 (request in 205) |
| 208  | 180,185343 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=196, hop limit=0                |
| 209  | 181,192021 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=197, hop limit=0                |
| 210  | 182,20002  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=198, hop limit=0                |
| 211  | 183,207963 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=199, hop limit=0                |
| 212  | 184,216025 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=200, hop limit=0                |
| 213  | 185,223935 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=201, hop limit=0                |
| 214  | 186,232004 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=202, hop limit=0                |
| 215  | 187,239975 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=203, hop limit=0 (reply in 217) |
| 216  | 188,248086 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=204, hop limit=0                |
| 217  | 188,754256 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3141, seq=203, hop limit=0 (request in 215) |
| 218  | 189,248881 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=205, hop limit=0 (reply in 220) |
| 219  | 190,256008 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=206, hop limit=0                |
| 220  | 190,749156 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3141, seq=205, hop limit=0 (request in 218) |
| 221  | 191,256785 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=207, hop limit=0 (reply in 224) |
| 222  | 192,26407  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=208, hop limit=0                |
| 223  | 193,271966 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=209, hop limit=0                |
| 224  | 193,494542 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3141, seq=207, hop limit=0 (request in 221) |
| 225  | 194,273434 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=210, hop limit=0                |
| 226  | 195,280035 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=211, hop limit=0                |
| 227  | 196,288019 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=212, hop limit=0                |
| 228  | 197,296002 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=213, hop limit=0                |
| 229  | 198,303997 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=214, hop limit=0                |
| 230  | 199,312044 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=215, hop limit=0                |
| 231  | 200,319983 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=216, hop limit=0                |

| PRUEBAS ENVÍO DE PAQUETES NODO 8 CON RPL Y LPL DE 512 ms |            |           |             |          |        |  |
|--|------------|-----------|-------------|----------|--------|--|
| No.  | Time       | Source    | Destination | Protocol | Length | Info   |
| 232  | 201,327964 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=217, hop limit=0                |
| 233  | 202,336009 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=218, hop limit=0                |
| 234  | 203,344024 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=219, hop limit=0                |
| 235  | 204,351966 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=220, hop limit=0 (reply in 237) |
| 236  | 205,35998  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=221, hop limit=0                |
| 237  | 205,876316 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3141, seq=220, hop limit=0 (request in 235) |
| 238  | 206,359878 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=222, hop limit=0                |
| 239  | 207,368011 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=223, hop limit=0                |
| 240  | 208,375945 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=224, hop limit=0                |
| 241  | 209,384066 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=225, hop limit=0 (reply in 243) |
| 242  | 210,391964 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=226, hop limit=0                |
| 243  | 210,631097 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3141, seq=225, hop limit=0 (request in 241) |
| 244  | 211,392954 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=227, hop limit=0                |
| 245  | 212,399934 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=228, hop limit=0                |
| 246  | 213,407961 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=229, hop limit=0                |
| 247  | 214,41597  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=230, hop limit=0                |
| 248  | 215,423931 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=231, hop limit=0 (reply in 250) |
| 249  | 216,432023 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=232, hop limit=0                |
| 250  | 217,243824 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3141, seq=231, hop limit=0 (request in 248) |
| 251  | 217,432115 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=233, hop limit=0 (reply in 253) |
| 252  | 218,439992 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=234, hop limit=0                |
| 253  | 218,749521 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3141, seq=233, hop limit=0 (request in 251) |
| 254  | 219,441379 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=235, hop limit=0                |
| 255  | 220,447957 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=236, hop limit=0                |
| 256  | 221,455942 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=237, hop limit=0                |
| 257  | 222,464036 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=238, hop limit=0                |
| 258  | 223,472049 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=239, hop limit=0                |
| 259  | 224,480056 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=240, hop limit=0                |
| 260  | 225,487979 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=241, hop limit=0 (reply in 262) |
| 261  | 226,495956 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=242, hop limit=0                |
| 262  | 226,712468 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3141, seq=241, hop limit=0 (request in 260) |
| 263  | 227,497346 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=243, hop limit=0 (reply in 265) |
| 264  | 228,504004 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=244, hop limit=0                |
| 265  | 228,716864 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3141, seq=243, hop limit=0 (request in 263) |
| 266  | 229,505786 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=245, hop limit=0 (reply in 268) |
| 267  | 230,505927 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=246, hop limit=0                |
| 268  | 230,734892 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3141, seq=245, hop limit=0 (request in 266) |
| 269  | 231,506811 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=247, hop limit=0 (reply in 271) |
| 270  | 232,505889 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=248, hop limit=0                |
| 271  | 232,752226 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3141, seq=247, hop limit=0 (request in 269) |
| 272  | 233,507136 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=249, hop limit=0 (reply in 274) |
| 273  | 234,515928 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=250, hop limit=0                |
| 274  | 234,762449 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3141, seq=249, hop limit=0 (request in 272) |
| 275  | 235,517296 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=251, hop limit=0 (reply in 277) |
| 276  | 236,524012 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=252, hop limit=0                |

| PRUEBAS ENVÍO DE PAQUETES NODO 8 CON RPL Y LPL DE 512 ms |            |           |             |          |        |  |
|--|------------|-----------|-------------|----------|--------|--|
| No.  | Time       | Source    | Destination | Protocol | Length | Info   |
| 277  | 236,778731 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3141, seq=251, hop limit=0 (request in 275) |
| 278  | 237,525651 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=253, hop limit=0 (reply in 280) |
| 279  | 238,531981 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=254, hop limit=0                |
| 280  | 238,79037  | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3141, seq=253, hop limit=0 (request in 278) |
| 281  | 239,533196 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=255, hop limit=0                |
| 282  | 240,53998  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=256, hop limit=0                |
| 283  | 241,548004 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=257, hop limit=0                |
| 284  | 242,555999 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=258, hop limit=0                |
| 285  | 243,563994 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=259, hop limit=0                |
| 286  | 244,571978 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=260, hop limit=0                |
| 287  | 245,58002  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=261, hop limit=0                |
| 288  | 246,587969 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=262, hop limit=0 (reply in 290) |
| 289  | 247,595953 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=263, hop limit=0                |
| 290  | 247,765534 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3141, seq=262, hop limit=0 (request in 288) |
| 291  | 248,59749  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=264, hop limit=0                |
| 292  | 249,603958 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=265, hop limit=0 (reply in 294) |
| 293  | 250,611949 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=266, hop limit=0 (reply in 296) |
| 294  | 251,110105 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3141, seq=265, hop limit=0 (request in 292) |
| 295  | 251,611722 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=267, hop limit=0                |
| 296  | 251,960561 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3141, seq=266, hop limit=0 (request in 293) |
| 297  | 252,612301 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=268, hop limit=0                |
| 298  | 253,619981 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=269, hop limit=0                |
| 299  | 254,62804  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=270, hop limit=0                |
| 300  | 255,635986 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=271, hop limit=0 (reply in 303) |
| 301  | 256,644054 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=272, hop limit=0                |
| 302  | 257,65202  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=273, hop limit=0                |
| 303  | 257,862121 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3141, seq=271, hop limit=0 (request in 300) |
| 304  | 258,652062 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=274, hop limit=0 (reply in 306) |
| 305  | 259,659945 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=275, hop limit=0                |
| 306  | 260,163357 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3141, seq=274, hop limit=0 (request in 304) |
| 307  | 260,660065 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=276, hop limit=0                |
| 308  | 261,668073 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=277, hop limit=0                |
| 309  | 262,676067 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=278, hop limit=0                |
| 310  | 263,684048 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=279, hop limit=0 (reply in 312) |
| 311  | 264,692023 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=280, hop limit=0                |
| 312  | 265,187786 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3141, seq=279, hop limit=0 (request in 310) |
| 313  | 265,692469 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=281, hop limit=0 (reply in 315) |
| 314  | 266,699957 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=282, hop limit=0                |
| 315  | 267,207244 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3141, seq=281, hop limit=0 (request in 313) |
| 316  | 267,699845 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=283, hop limit=0 (reply in 318) |
| 317  | 268,707962 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=284, hop limit=0                |
| 318  | 269,199767 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3141, seq=283, hop limit=0 (request in 316) |
| 319  | 269,708482 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=285, hop limit=0                |
| 320  | 270,716048 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=286, hop limit=0 (reply in 322) |
| 321  | 271,724062 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=287, hop limit=0                |

| PRUEBAS ENVÍO DE PAQUETES NODO 8 CON RPL Y LPL DE 512 ms |            |           |             |          |        |  |
|--|------------|-----------|-------------|----------|--------|--|
| No.  | Time       | Source    | Destination | Protocol | Length | Info   |
| 322  | 271,95467  | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3141, seq=286, hop limit=0 (request in 320) |
| 323  | 272,724606 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=288, hop limit=0                |
| 324  | 273,731954 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=289, hop limit=0                |
| 325  | 274,740024 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=290, hop limit=0                |
| 326  | 275,747982 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=291, hop limit=0                |
| 327  | 276,756132 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=292, hop limit=0                |
| 328  | 277,764065 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=293, hop limit=0                |
| 329  | 278,77208  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=294, hop limit=0                |
| 330  | 279,779938 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=295, hop limit=0                |
| 331  | 280,788038 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=296, hop limit=0                |
| 332  | 281,796016 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=297, hop limit=0                |
| 333  | 282,803989 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=298, hop limit=0 (reply in 335) |
| 334  | 283,811984 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=299, hop limit=0                |
| 335  | 284,058755 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3141, seq=298, hop limit=0 (request in 333) |
| 336  | 284,813628 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=300, hop limit=0 (reply in 338) |
| 337  | 285,819953 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=301, hop limit=0                |
| 338  | 286,071869 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3141, seq=300, hop limit=0 (request in 336) |
| 339  | 286,820779 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=302, hop limit=0 (reply in 341) |
| 340  | 287,82802  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=303, hop limit=0                |
| 341  | 288,364051 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3141, seq=302, hop limit=0 (request in 339) |
| 342  | 288,828663 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=304, hop limit=0                |
| 343  | 289,835941 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=305, hop limit=0                |
| 344  | 290,844013 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=306, hop limit=0                |
| 345  | 291,852038 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=307, hop limit=0                |
| 346  | 292,859982 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=308, hop limit=0                |
| 347  | 293,867999 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=309, hop limit=0                |
| 348  | 294,875986 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=310, hop limit=0 (reply in 350) |
| 349  | 295,884021 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=311, hop limit=0                |
| 350  | 296,429777 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3141, seq=310, hop limit=0 (request in 348) |
| 351  | 296,885354 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=312, hop limit=0                |
| 352  | 297,892051 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=313, hop limit=0                |
| 353  | 298,90002  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3141, seq=314, hop limit=0                |

**Tabla 46. Test para el nodo 8 con 6Lowpan, LPL 1024 ms y RPL.**

| PRUEBAS ENVÍO DE PAQUETES NODO 8 CON RPL Y LPL DE 1024 ms |          |           |             |          |        |  |
|---|----------|-----------|-------------|----------|--------|--|
| No.   | Time     | Source    | Destination | Protocol | Length | Info   |
| 1   | 0        | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=47, hop limit=0 |
| 2   | 1,007894 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=48, hop limit=0 |
| 3   | 2,016062 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=49, hop limit=0 |
| 4   | 3,024078 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=50, hop limit=0 |
| 5   | 4,032005 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=51, hop limit=0 |
| 6   | 5,040058 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=52, hop limit=0 |
| 7   | 6,04798  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=53, hop limit=0 |
| 8   | 7,055981 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=54, hop limit=0 |

| PRUEBAS ENVÍO DE PAQUETES NODO 8 CON RPL Y LPL DE 1024 ms |           |           |             |          |        |  |
|---|-----------|-----------|-------------|----------|--------|--|
| No.   | Time      | Source    | Destination | Protocol | Length | Info   |
| 9   | 8,064004  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=55, hop limit=0               |
| 10  | 9,071954  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=56, hop limit=0 (reply in 12) |
| 11  | 10,080041 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=57, hop limit=0 (reply in 15) |
| 12  | 10,569709 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3223, seq=56, hop limit=0 (request in 10) |
| 13  | 11,081349 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=58, hop limit=0               |
| 14  | 12,088025 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=59, hop limit=0               |
| 15  | 12,590763 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3223, seq=57, hop limit=0 (request in 11) |
| 16  | 13,089426 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=60, hop limit=0               |
| 17  | 14,096023 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=61, hop limit=0               |
| 18  | 15,104001 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=62, hop limit=0 (reply in 21) |
| 19  | 16,112019 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=63, hop limit=0               |
| 20  | 17,120044 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=64, hop limit=0               |
| 21  | 17,612373 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3223, seq=62, hop limit=0 (request in 18) |
| 22  | 18,121074 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=65, hop limit=0 (reply in 24) |
| 23  | 19,127982 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=66, hop limit=0               |
| 24  | 19,619284 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3223, seq=65, hop limit=0 (request in 22) |
| 25  | 20,128965 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=67, hop limit=0               |
| 26  | 21,135947 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=68, hop limit=0               |
| 27  | 22,144041 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=69, hop limit=0               |
| 28  | 23,151941 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=70, hop limit=0               |
| 29  | 24,160037 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=71, hop limit=0               |
| 30  | 25,167981 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=72, hop limit=0               |
| 31  | 26,176011 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=73, hop limit=0               |
| 32  | 27,184023 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=74, hop limit=0               |
| 33  | 28,192056 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=75, hop limit=0               |
| 34  | 29,200037 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=76, hop limit=0 (reply in 37) |
| 35  | 30,208056 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=77, hop limit=0               |
| 36  | 31,215985 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=78, hop limit=0               |
| 37  | 31,717614 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3223, seq=76, hop limit=0 (request in 34) |
| 38  | 32,217302 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=79, hop limit=0 (reply in 40) |
| 39  | 33,223938 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=80, hop limit=0 (reply in 43) |
| 40  | 33,71363  | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3223, seq=79, hop limit=0 (request in 38) |
| 41  | 34,225252 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=81, hop limit=0               |
| 42  | 35,232032 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=82, hop limit=0 (reply in 45) |
| 43  | 35,780548 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3223, seq=80, hop limit=0 (request in 39) |
| 44  | 36,233122 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=83, hop limit=0               |
| 45  | 36,736974 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3223, seq=82, hop limit=0 (request in 42) |
| 46  | 37,234573 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=84, hop limit=0 (reply in 49) |
| 47  | 38,233829 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=85, hop limit=0               |
| 48  | 39,233899 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=86, hop limit=0 (reply in 51) |
| 49  | 39,725975 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3223, seq=84, hop limit=0 (request in 46) |
| 50  | 40,234595 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=87, hop limit=0               |
| 51  | 40,722226 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3223, seq=86, hop limit=0 (request in 48) |
| 52  | 41,235842 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=88, hop limit=0               |
| 53  | 42,24399  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=89, hop limit=0               |



| PRUEBAS ENVÍO DE PAQUETES NODO 8 CON RPL Y LPL DE 1024 ms |           |           |             |          |        |   |
|---|-----------|-----------|-------------|----------|--------|---|
| No.   | Time      | Source    | Destination | Protocol | Length | Info  |
| 54  | 43,251928 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=90, hop limit=0 (reply in 56)  |
| 55  | 44,260009 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=91, hop limit=0 (reply in 58)  |
| 56  | 44,75099  | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3223, seq=90, hop limit=0 (request in 54)  |
| 57  | 45,260658 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=92, hop limit=0                |
| 58  | 45,790391 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3223, seq=91, hop limit=0 (request in 55)  |
| 59  | 46,261097 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=93, hop limit=0                |
| 60  | 47,267958 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=94, hop limit=0                |
| 61  | 48,275984 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=95, hop limit=0                |
| 62  | 49,284062 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=96, hop limit=0                |
| 63  | 50,291837 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=97, hop limit=0                |
| 64  | 51,300027 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=98, hop limit=0                |
| 65  | 52,308025 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=99, hop limit=0                |
| 66  | 53,316059 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=100, hop limit=0               |
| 67  | 54,324005 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=101, hop limit=0               |
| 68  | 55,332061 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=102, hop limit=0               |
| 69  | 56,339945 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=103, hop limit=0               |
| 70  | 57,348066 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=104, hop limit=0               |
| 71  | 58,355935 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=105, hop limit=0               |
| 72  | 59,364038 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=106, hop limit=0 (reply in 75) |
| 73  | 60,372012 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=107, hop limit=0               |
| 74  | 61,379988 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=108, hop limit=0               |
| 75  | 61,882112 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3223, seq=106, hop limit=0 (request in 72) |
| 76  | 62,379714 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=109, hop limit=0 (reply in 79) |
| 77  | 63,388021 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=110, hop limit=0               |
| 78  | 64,395995 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=111, hop limit=0               |
| 79  | 64,887721 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3223, seq=109, hop limit=0 (request in 76) |
| 80  | 65,396449 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=112, hop limit=0               |
| 81  | 66,404013 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=113, hop limit=0               |
| 82  | 67,411995 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=114, hop limit=0               |
| 83  | 68,420059 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=115, hop limit=0 (reply in 86) |
| 84  | 69,42802  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=116, hop limit=0               |
| 85  | 70,436058 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=117, hop limit=0               |
| 86  | 70,936754 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3223, seq=115, hop limit=0 (request in 83) |
| 87  | 71,436364 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=118, hop limit=0               |
| 88  | 72,444062 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=119, hop limit=0               |
| 89  | 73,452016 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=120, hop limit=0               |
| 90  | 74,459991 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=121, hop limit=0               |
| 91  | 75,467992 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=122, hop limit=0               |
| 92  | 76,47597  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=123, hop limit=0               |
| 93  | 77,484003 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=124, hop limit=0               |
| 94  | 78,492036 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=125, hop limit=0               |
| 95  | 79,499926 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=126, hop limit=0               |
| 96  | 80,507995 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=127, hop limit=0               |
| 97  | 81,516016 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=128, hop limit=0               |
| 98  | 82,524031 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=129, hop limit=0               |

| PRUEBAS ENVÍO DE PAQUETES NODO 8 CON RPL Y LPL DE 1024 ms |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 99  | 83,531929  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=130, hop limit=0                |
| 100   | 84,539988  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=131, hop limit=0 (reply in 102) |
| 101   | 85,548036  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=132, hop limit=0                |
| 102   | 86,042891  | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3223, seq=131, hop limit=0 (request in 100) |
| 103   | 86,547623  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=133, hop limit=0                |
| 104   | 87,556065  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=134, hop limit=0                |
| 105   | 88,563941  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=135, hop limit=0                |
| 106   | 89,572037  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=136, hop limit=0                |
| 107   | 90,580011  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=137, hop limit=0                |
| 108   | 91,588023  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=138, hop limit=0                |
| 109   | 92,595996  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=139, hop limit=0                |
| 110   | 93,604036  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=140, hop limit=0                |
| 111   | 94,611989  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=141, hop limit=0 (reply in 114) |
| 112   | 95,620028  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=142, hop limit=0                |
| 113   | 96,62806   | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=143, hop limit=0                |
| 114   | 97,13079   | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3223, seq=141, hop limit=0 (request in 111) |
| 115   | 97,628525  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=144, hop limit=0                |
| 116   | 98,636071  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=145, hop limit=0                |
| 117   | 99,643973  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=146, hop limit=0 (reply in 120) |
| 118   | 100,652008 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=147, hop limit=0                |
| 119   | 101,660013 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=148, hop limit=0                |
| 120   | 102,193314 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3223, seq=146, hop limit=0 (request in 117) |
| 121   | 102,659979 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=149, hop limit=0                |
| 122   | 103,668014 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=150, hop limit=0                |
| 123   | 104,676035 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=151, hop limit=0                |
| 124   | 105,683964 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=152, hop limit=0                |
| 125   | 106,692038 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=153, hop limit=0                |
| 126   | 107,699986 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=154, hop limit=0                |
| 127   | 108,707986 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=155, hop limit=0 (reply in 130) |
| 128   | 109,715972 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=156, hop limit=0                |
| 129   | 110,723987 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=157, hop limit=0 (reply in 132) |
| 130   | 111,203361 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3223, seq=155, hop limit=0 (request in 127) |
| 131   | 111,72413  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=158, hop limit=0 (reply in 135) |
| 132   | 112,213757 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3223, seq=157, hop limit=0 (request in 129) |
| 133   | 112,724512 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=159, hop limit=0                |
| 134   | 113,732034 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=160, hop limit=0                |
| 135   | 114,233755 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3223, seq=158, hop limit=0 (request in 131) |
| 136   | 114,732515 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=161, hop limit=0                |
| 137   | 115,74003  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=162, hop limit=0                |
| 138   | 116,748032 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=163, hop limit=0                |
| 139   | 117,755988 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=164, hop limit=0                |
| 140   | 118,76399  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=165, hop limit=0                |
| 141   | 119,77206  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=166, hop limit=0                |
| 142   | 120,780026 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=167, hop limit=0                |
| 143   | 121,788071 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=168, hop limit=0                |

| PRUEBAS ENVÍO DE PAQUETES NODO 8 CON RPL Y LPL DE 1024 ms |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 144   | 122,79606  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=169, hop limit=0                |
| 145   | 123,803986 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=170, hop limit=0                |
| 146   | 124,811988 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=171, hop limit=0 (reply in 148) |
| 147   | 125,820019 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=172, hop limit=0                |
| 148   | 126,32284  | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3223, seq=171, hop limit=0 (request in 146) |
| 149   | 126,821475 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=173, hop limit=0 (reply in 152) |
| 150   | 127,827985 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=174, hop limit=0                |
| 151   | 128,836008 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=175, hop limit=0                |
| 152   | 129,35038  | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3223, seq=173, hop limit=0 (request in 149) |
| 153   | 129,837142 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=176, hop limit=0 (reply in 155) |
| 154   | 130,844032 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=177, hop limit=0                |
| 155   | 131,33338  | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3223, seq=176, hop limit=0 (request in 153) |
| 156   | 131,845151 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=178, hop limit=0                |
| 157   | 132,851991 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=179, hop limit=0                |
| 158   | 133,860027 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=180, hop limit=0                |
| 159   | 134,868036 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=181, hop limit=0                |
| 160   | 135,876063 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=182, hop limit=0                |
| 161   | 136,884025 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=183, hop limit=0                |
| 162   | 137,892023 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=184, hop limit=0                |
| 163   | 138,89999  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=185, hop limit=0                |
| 164   | 139,908022 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=186, hop limit=0                |
| 165   | 140,915971 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=187, hop limit=0                |
| 166   | 141,924057 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=188, hop limit=0                |
| 167   | 142,932017 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=189, hop limit=0                |
| 168   | 143,939992 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=190, hop limit=0                |
| 169   | 144,948019 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=191, hop limit=0                |
| 170   | 145,956057 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=192, hop limit=0 (reply in 173) |
| 171   | 146,964025 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=193, hop limit=0                |
| 172   | 147,971963 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=194, hop limit=0                |
| 173   | 148,463229 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3223, seq=192, hop limit=0 (request in 170) |
| 174   | 148,972954 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=195, hop limit=0                |
| 175   | 149,979988 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=196, hop limit=0                |
| 176   | 150,98798  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=197, hop limit=0                |
| 177   | 151,995985 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=198, hop limit=0 (reply in 180) |
| 178   | 153,004001 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=199, hop limit=0                |
| 179   | 154,01206  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=200, hop limit=0                |
| 180   | 154,514274 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3223, seq=198, hop limit=0 (request in 177) |
| 181   | 155,013053 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=201, hop limit=0 (reply in 183) |
| 182   | 156,020058 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=202, hop limit=0 (reply in 185) |
| 183   | 156,513143 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3223, seq=201, hop limit=0 (request in 181) |
| 184   | 157,020878 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=203, hop limit=0                |
| 185   | 157,58548  | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3223, seq=202, hop limit=0 (request in 182) |
| 186   | 158,022087 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=204, hop limit=0                |
| 187   | 159,021867 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=205, hop limit=0                |
| 188   | 160,021863 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=206, hop limit=0                |

| PRUEBAS ENVÍO DE PAQUETES NODO 8 CON RPL Y LPL DE 1024 ms |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 189   | 161,02189  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=207, hop limit=0                |
| 190   | 162,021899 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=208, hop limit=0                |
| 191   | 163,021902 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=209, hop limit=0                |
| 192   | 164,021916 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=210, hop limit=0                |
| 193   | 165,021905 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=211, hop limit=0 (reply in 196) |
| 194   | 166,021918 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=212, hop limit=0                |
| 195   | 167,021875 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=213, hop limit=0                |
| 196   | 167,525649 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3223, seq=211, hop limit=0 (request in 193) |
| 197   | 168,023371 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=214, hop limit=0                |
| 198   | 169,032005 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=215, hop limit=0                |
| 199   | 170,039968 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=216, hop limit=0                |
| 200   | 171,048031 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=217, hop limit=0                |
| 201   | 172,055959 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=218, hop limit=0                |
| 202   | 173,063973 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=219, hop limit=0                |
| 203   | 174,071988 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=220, hop limit=0                |
| 204   | 175,080024 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=221, hop limit=0                |
| 205   | 176,087951 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=222, hop limit=0                |
| 206   | 177,095953 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=223, hop limit=0                |
| 207   | 178,104062 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=224, hop limit=0                |
| 208   | 179,111934 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=225, hop limit=0                |
| 209   | 180,119966 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=226, hop limit=0                |
| 210   | 181,127981 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=227, hop limit=0                |
| 211   | 182,135938 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=228, hop limit=0                |
| 212   | 183,144093 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=229, hop limit=0                |
| 213   | 184,152015 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=230, hop limit=0                |
| 214   | 185,159993 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=231, hop limit=0                |
| 215   | 186,167957 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=232, hop limit=0 (reply in 218) |
| 216   | 187,176015 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=233, hop limit=0                |
| 217   | 188,183995 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=234, hop limit=0 (reply in 220) |
| 218   | 188,678255 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3223, seq=232, hop limit=0 (request in 215) |
| 219   | 189,184922 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=235, hop limit=0                |
| 220   | 189,697596 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3223, seq=234, hop limit=0 (request in 217) |
| 221   | 190,1863   | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=236, hop limit=0 (reply in 224) |
| 222   | 191,185921 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=237, hop limit=0                |
| 223   | 192,185892 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=238, hop limit=0 (reply in 226) |
| 224   | 192,677143 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3223, seq=236, hop limit=0 (request in 221) |
| 225   | 193,18686  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=239, hop limit=0 (reply in 229) |
| 226   | 193,680627 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3223, seq=238, hop limit=0 (request in 223) |
| 227   | 194,188322 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=240, hop limit=0                |
| 228   | 195,196013 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=241, hop limit=0                |
| 229   | 195,688502 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3223, seq=239, hop limit=0 (request in 225) |
| 230   | 196,197154 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=242, hop limit=0                |
| 231   | 197,204008 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=243, hop limit=0                |
| 232   | 198,212019 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=244, hop limit=0                |
| 233   | 199,22006  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=245, hop limit=0                |

| PRUEBAS ENVÍO DE PAQUETES NODO 8 CON RPL Y LPL DE 1024 ms |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 234   | 200,227987 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=246, hop limit=0                |
| 235   | 201,236046 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=247, hop limit=0 (reply in 238) |
| 236   | 202,243953 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=248, hop limit=0                |
| 237   | 203,252001 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=249, hop limit=0                |
| 238   | 203,753668 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3223, seq=247, hop limit=0 (request in 235) |
| 239   | 204,253431 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=250, hop limit=0 (reply in 242) |
| 240   | 205,259938 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=251, hop limit=0                |
| 241   | 206,268021 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=252, hop limit=0 (reply in 244) |
| 242   | 206,759169 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3223, seq=250, hop limit=0 (request in 239) |
| 243   | 207,268908 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=253, hop limit=0                |
| 244   | 207,760675 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3223, seq=252, hop limit=0 (request in 241) |
| 245   | 208,270451 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=254, hop limit=0                |
| 246   | 209,26991  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=255, hop limit=0                |
| 247   | 210,269904 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=256, hop limit=0 (reply in 249) |
| 248   | 211,269912 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=257, hop limit=0                |
| 249   | 211,793563 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3223, seq=256, hop limit=0 (request in 247) |
| 250   | 212,270201 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=258, hop limit=0                |
| 251   | 213,269909 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=259, hop limit=0                |
| 252   | 214,269919 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=260, hop limit=0                |
| 253   | 215,26992  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=261, hop limit=0                |
| 254   | 216,269847 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=262, hop limit=0                |
| 255   | 217,269862 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=263, hop limit=0                |
| 256   | 218,269922 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=264, hop limit=0                |
| 257   | 219,26992  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=265, hop limit=0                |
| 258   | 220,26992  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=266, hop limit=0                |
| 259   | 221,269863 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=267, hop limit=0                |
| 260   | 222,269899 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=268, hop limit=0                |
| 261   | 223,269872 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=269, hop limit=0                |
| 262   | 224,269865 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=270, hop limit=0                |
| 263   | 225,269923 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=271, hop limit=0                |
| 264   | 226,26981  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=272, hop limit=0                |
| 265   | 227,269916 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=273, hop limit=0                |
| 266   | 228,269821 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=274, hop limit=0                |
| 267   | 229,269916 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=275, hop limit=0                |
| 268   | 230,269887 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=276, hop limit=0                |
| 269   | 231,269918 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=277, hop limit=0                |
| 270   | 232,26991  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=278, hop limit=0                |
| 271   | 233,269872 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=279, hop limit=0 (reply in 274) |
| 272   | 234,269867 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=280, hop limit=0                |
| 273   | 235,269918 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=281, hop limit=0 (reply in 276) |
| 274   | 235,76418  | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3223, seq=279, hop limit=0 (request in 271) |
| 275   | 236,270924 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=282, hop limit=0                |
| 276   | 236,785577 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3223, seq=281, hop limit=0 (request in 273) |
| 277   | 237,271215 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=283, hop limit=0                |
| 278   | 238,279989 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=284, hop limit=0                |

| PRUEBAS ENVÍO DE PAQUETES NODO 8 CON RPL Y LPL DE 1024 ms |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 279   | 239,288068 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=285, hop limit=0 (reply in 282) |
| 280   | 240,296039 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=286, hop limit=0                |
| 281   | 241,303962 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=287, hop limit=0                |
| 282   | 241,793214 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3223, seq=285, hop limit=0 (request in 279) |
| 283   | 242,303934 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=288, hop limit=0                |
| 284   | 243,312023 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=289, hop limit=0 (reply in 286) |
| 285   | 244,320062 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=290, hop limit=0                |
| 286   | 244,822742 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3223, seq=289, hop limit=0 (request in 284) |
| 287   | 245,320492 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=291, hop limit=0 (reply in 290) |
| 288   | 246,328066 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=292, hop limit=0                |
| 289   | 247,33597  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=293, hop limit=0 (reply in 292) |
| 290   | 247,826275 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3223, seq=291, hop limit=0 (request in 287) |
| 291   | 248,336017 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=294, hop limit=0                |
| 292   | 248,839688 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3223, seq=293, hop limit=0 (request in 289) |
| 293   | 249,336427 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=295, hop limit=0 (reply in 296) |
| 294   | 250,343993 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=296, hop limit=0                |
| 295   | 251,351989 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=297, hop limit=0                |
| 296   | 251,854151 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3223, seq=295, hop limit=0 (request in 293) |
| 297   | 252,351904 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=298, hop limit=0 (reply in 299) |
| 298   | 253,360023 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=299, hop limit=0 (reply in 302) |
| 299   | 253,849196 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3223, seq=298, hop limit=0 (request in 297) |
| 300   | 254,359959 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=300, hop limit=0                |
| 301   | 255,367915 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=301, hop limit=0                |
| 302   | 255,873022 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3223, seq=299, hop limit=0 (request in 298) |
| 303   | 256,367799 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=302, hop limit=0                |
| 304   | 257,376042 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=303, hop limit=0                |
| 305   | 258,384047 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=304, hop limit=0 (reply in 307) |
| 306   | 259,391962 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=305, hop limit=0                |
| 307   | 259,896161 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3223, seq=304, hop limit=0 (request in 305) |
| 308   | 260,39187  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=306, hop limit=0                |
| 309   | 261,399962 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=307, hop limit=0                |
| 310   | 262,407969 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=308, hop limit=0                |
| 311   | 263,416063 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=309, hop limit=0                |
| 312   | 264,423998 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=310, hop limit=0                |
| 313   | 265,43199  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=311, hop limit=0                |
| 314   | 266,439943 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=312, hop limit=0                |
| 315   | 267,448055 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=313, hop limit=0                |
| 316   | 268,456065 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=314, hop limit=0                |
| 317   | 269,463976 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=315, hop limit=0                |
| 318   | 270,472027 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=316, hop limit=0                |
| 319   | 271,479996 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=317, hop limit=0 (reply in 321) |
| 320   | 272,487991 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=318, hop limit=0                |
| 321   | 273,010827 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3223, seq=317, hop limit=0 (request in 319) |
| 322   | 273,488542 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=319, hop limit=0                |
| 323   | 274,495967 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=320, hop limit=0                |

| PRUEBAS ENVÍO DE PAQUETES NODO 8 CON RPL Y LPL DE 1024 ms |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 324   | 275,504042 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=321, hop limit=0                |
| 325   | 276,512021 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=322, hop limit=0                |
| 326   | 277,520048 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=323, hop limit=0 (reply in 329) |
| 327   | 278,528045 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=324, hop limit=0                |
| 328   | 279,536022 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=325, hop limit=0                |
| 329   | 280,122223 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3223, seq=323, hop limit=0 (request in 326) |
| 330   | 280,535857 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=326, hop limit=0                |
| 331   | 281,544059 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=327, hop limit=0                |
| 332   | 282,551954 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=328, hop limit=0                |
| 333   | 283,560057 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=329, hop limit=0                |
| 334   | 284,567995 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=330, hop limit=0                |
| 335   | 285,576022 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=331, hop limit=0                |
| 336   | 286,583995 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=332, hop limit=0 (reply in 338) |
| 337   | 287,592041 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=333, hop limit=0                |
| 338   | 288,096281 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3223, seq=332, hop limit=0 (request in 336) |
| 339   | 288,59193  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=334, hop limit=0                |
| 340   | 289,600019 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=335, hop limit=0                |
| 341   | 290,608015 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=336, hop limit=0 (reply in 344) |
| 342   | 291,616061 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=337, hop limit=0                |
| 343   | 292,624059 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=338, hop limit=0                |
| 344   | 293,178802 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3223, seq=336, hop limit=0 (request in 341) |
| 345   | 293,624372 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=339, hop limit=0                |
| 346   | 294,632012 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=340, hop limit=0                |
| 347   | 295,640046 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=341, hop limit=0 (reply in 350) |
| 348   | 296,647965 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=342, hop limit=0                |
| 349   | 297,655991 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=343, hop limit=0                |
| 350   | 298,159305 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3223, seq=341, hop limit=0 (request in 347) |
| 351   | 298,655978 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=344, hop limit=0                |
| 352   | 299,663976 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=345, hop limit=0                |
| 353   | 300,672021 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=346, hop limit=0                |
| 354   | 301,679914 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=347, hop limit=0                |
| 355   | 302,688047 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=348, hop limit=0 (reply in 358) |
| 356   | 303,695927 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=349, hop limit=0                |
| 357   | 304,704037 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=350, hop limit=0                |
| 358   | 305,208934 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3223, seq=348, hop limit=0 (request in 355) |
| 359   | 305,703577 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=351, hop limit=0 (reply in 362) |
| 360   | 306,711934 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=352, hop limit=0                |
| 361   | 307,71999  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=353, hop limit=0                |
| 362   | 308,223437 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3223, seq=351, hop limit=0 (request in 359) |
| 363   | 308,720151 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=354, hop limit=0                |
| 364   | 309,727933 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=355, hop limit=0 (reply in 367) |
| 365   | 310,736039 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=356, hop limit=0                |
| 366   | 311,743913 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=357, hop limit=0                |
| 367   | 311,767758 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3223, seq=355, hop limit=0 (request in 364) |
| 368   | 312,745885 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=358, hop limit=0                |

| PRUEBAS ENVÍO DE PAQUETES NODO 8 CON RPL Y LPL DE 1024 ms |            |           |             |          |        |  |
|---|------------|-----------|-------------|----------|--------|--|
| No.   | Time       | Source    | Destination | Protocol | Length | Info   |
| 369   | 313,745843 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=359, hop limit=0                |
| 370   | 314,745871 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=360, hop limit=0                |
| 371   | 315,745913 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=361, hop limit=0                |
| 372   | 316,745862 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=362, hop limit=0                |
| 373   | 317,74587  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=363, hop limit=0                |
| 374   | 318,745879 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=364, hop limit=0 (reply in 376) |
| 375   | 319,74584  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=365, hop limit=0                |
| 376   | 320,241731 | fec0::8   | fec0::100   | ICMPv6   | 1196   | Echo (ping) reply id=0x3223, seq=364, hop limit=0 (request in 374) |
| 377   | 320,745506 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=366, hop limit=0                |
| 378   | 321,751953 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=367, hop limit=0                |
| 379   | 322,759966 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=368, hop limit=0                |
| 380   | 323,767994 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=369, hop limit=0                |
| 381   | 324,775985 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=370, hop limit=0                |
| 382   | 325,783972 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=371, hop limit=0                |
| 383   | 326,791962 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=372, hop limit=0                |
| 384   | 327,799968 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=373, hop limit=0                |
| 385   | 328,807989 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=374, hop limit=0                |
| 386   | 329,81595  | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=375, hop limit=0                |
| 387   | 330,823958 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=376, hop limit=0                |
| 388   | 331,831951 | fec0::100 | fec0::8     | ICMPv6   | 1196   | Echo (ping) request id=0x3223, seq=377, hop limit=0                |