



**R4**

**EIGRP Multicast**

**R3**

|               |               |
|---------------|---------------|
| NextHop::     |               |
| Prefix Length | 64            |
| Destination   | fc00:10:1:3:: |
| NextHop::     |               |
| Prefix Length | 64            |
| Destination   | fc00:10:3:5:: |
| NextHop::     |               |
| Prefix Length | 128           |
| Destination   | fc00::3       |
| NextHop::     |               |
| Prefix Length | 64...         |
|               | 40 more       |

**EIGRP Hello**

|                   |       |
|-------------------|-------|
| Sequence          | 0     |
| Acknowledge       | 122   |
| Autonomous System | 65000 |

Frame 10 | 2020-07-27T15:55:20.674185Z

**EIGRP Hello**

|                   |       |
|-------------------|-------|
| Sequence          | 0     |
| Acknowledge       | 0     |
| Autonomous System | 65000 |
| Hold Time         | 15    |

Frame 11 | 2020-07-27T15:55:25.662748Z

**EIGRP Update**

|                   |                          |
|-------------------|--------------------------|
| Flags             | 0x00000008, End Of Table |
| Sequence          | 110                      |
| Acknowledge       | 122                      |
| Autonomous System | 65000                    |
| NextHop::         |                          |
| Prefix Length     | 64                       |
| Destination       | fc00:10:2:4::            |
| NextHop::         |                          |
| Prefix Length     | 64                       |
| Destination       | fc00:10:4:5::            |
| NextHop::         |                          |
| Prefix Length     | 64                       |
| Destination       | fc00:172:16:48::         |
| NextHop::         |                          |
| Prefix Length     | 128...                   |
|                   | 28 more                  |

Frame 12 | 2020-07-27T15:55:25.663362Z

**EIGRP Hello**

|                   |       |
|-------------------|-------|
| Sequence          | 0     |
| Acknowledge       | 110   |
| Autonomous System | 65000 |

Frame 13 | 2020-07-27T15:55:25.664161Z

**EIGRP Update**

|                   |               |
|-------------------|---------------|
| Flags             | 0x00000000    |
| Sequence          | 114           |
| Acknowledge       | 0             |
| Autonomous System | 65000         |
| NextHop::         |               |
| Prefix Length     | 64            |
| Destination       | fc00:10:1:3:: |
| NextHop::         |               |
| Prefix Length     | 64            |
| Destination       | fc00:10:3:5:: |
| NextHop::         |               |
| Prefix Length     | 128           |
| Destination       | fc00::3       |
| NextHop::         |               |
| Prefix Length     | 128...        |
|                   | 1 more        |

Frame 14 | 2020-07-27T15:55:25.674451Z

**EIGRP Hello**

|          |   |
|----------|---|
| Sequence | 0 |
|----------|---|

Frame 15 | 2020-07-27T15:55:25.674767Z

R4

EIGRP Multicast

R3

|                      |       |
|----------------------|-------|
| ✓ Acknowledge        | 0     |
| ID Autonomous System | 65000 |
| Hold Time            | 15    |

EIGRP Update

|                      |                  |
|----------------------|------------------|
| Flags                | 0x00000000       |
| 1 2<br>3 4 Sequence  | 123              |
| ✓ Acknowledge        | 0                |
| ID Autonomous System | 65000            |
| → NextHop::          |                  |
| Prefix Length        | 64               |
| 🌐 Destination        | fc00:10:2:4::    |
| → NextHop::          |                  |
| Prefix Length        | 64               |
| 🌐 Destination        | fc00:10:4:5::    |
| → NextHop::          |                  |
| Prefix Length        | 64               |
| 🌐 Destination        | fc00:172:16:48:: |
| → NextHop::          |                  |
| Prefix Length        | 128...           |
|                      | 13 more          |

Frame 16 |  
2020-07-27T15:55:25.675209Z

EIGRP Hello

|                      |  |       |
|----------------------|--|-------|
| 1 2<br>3 4 Sequence  |  | 0     |
| ✓ Acknowledge        |  | 123   |
| ID Autonomous System |  | 65000 |

Frame 17 |  
2020-07-27T15:55:25.684696Z

EIGRP Hello

|                      |  |       |
|----------------------|--|-------|
| 1 2<br>3 4 Sequence  |  | 0     |
| ✓ Acknowledge        |  | 114   |
| ID Autonomous System |  | 65000 |

Frame 18 |  
2020-07-27T15:55:25.685063Z