

R1

R10

ospfv3_v6_net_nonbcst.pcapng

👋 OSPFv3 Hello Packet

Frame 1 |
2020-08-04T21:25:51.414296Z

🆔 Source OSPF Router	10.1.1.1
🏠 Area ID	0.0.0.6
Instance ID	Base IPv6 Unicast AF (0)
Router Priority	1
Options	0x000013, R, E, V6
Hello Interval [sec]	10
Router Dead Interval [sec]	40
👑 Designated Router	10.10.10.10
👑 Backup Designated Router	10.1.1.1
👥 Active Neighbor	10.10.10.10

👋 OSPFv3 Hello Packet

Frame 2 |
2020-08-04T21:25:51.918947Z

🆔 Source OSPF Router	10.10.10.10
🏠 Area ID	0.0.0.6
Instance ID	Base IPv6 Unicast AF (0)
Router Priority	1
Options	0x000013, R, E, V6
Hello Interval [sec]	10
Router Dead Interval [sec]	40
👑 Designated Router	10.10.10.10
👑 Backup Designated Router	10.1.1.1
👥 Active Neighbor	10.1.1.1

👋 OSPFv3 Hello Packet

Frame 3 |
2020-08-04T22:17:07.450528Z

🆔 Source OSPF Router	10.10.10.10
🏠 Area ID	0.0.0.6
Instance ID	Base IPv6 Unicast AF (0)
Router Priority	1
Options	0x000013, R, E, V6
Hello Interval [sec]	10
Router Dead Interval [sec]	40
👑 Designated Router	10.10.10.10
👑 Backup Designated Router	0.0.0.0

👋 OSPFv3 Hello Packet

Frame 4 |
2020-08-04T22:17:07.450817Z

🆔 Source OSPF Router	10.1.1.1
🏠 Area ID	0.0.0.6
Instance ID	Base IPv6 Unicast AF (0)
Router Priority	1
Options	0x000013, R, E, V6
Hello Interval [sec]	10
Router Dead Interval [sec]	40
👑 Designated Router	10.1.1.1
👑 Backup Designated Router	0.0.0.0
👥 Active Neighbor	10.10.10.10

📄 OSPFv3 DB Description

Frame 5 |
2020-08-04T22:17:07.451224Z

🆔 Source OSPF Router	10.10.10.10
🏠 Area ID	0.0.0.6
Instance ID	Base IPv6 Unicast AF (0)
Options	0x000013, R, E, V6
Interface MTU	1500
DB Description	0x07, (I) Init, (M) More, (MS) Master
DD Sequence	602648670

👋 OSPFv3 Hello Packet

Frame 6 |
2020-08-04T22:17:07.451495Z

🆔 Source OSPF Router	10.10.10.10
🏠 Area ID	0.0.0.6
Instance ID	Base IPv6 Unicast AF (0)
Router Priority	1
Options	0x000013, R, E, V6
Hello Interval [sec]	10
Router Dead Interval [sec]	40

R1

R10

👑 Designated Router	10.10.10.10
👑 Backup Designated Router	0.0.0.0
👤 Active Neighbor	10.1.1.1

[📄 OSPFv3 DB Description](#)

🆔 Source OSPF Router	10.1.1.1
🏠 Area ID	0.0.0.6
Instance ID	Base IPv6 Unicast AF (0)
Options	0x000013, R, E, V6
Interface MTU	1500
DB Description	0x07, (I) Init, (M) More, (MS) Master
DD Sequence	1043465487

[📄 OSPFv3 DB Description](#)

🆔 Source OSPF Router	10.1.1.1
🏠 Area ID	0.0.0.6
Instance ID	Base IPv6 Unicast AF (0)
Options	0x000013, R, E, V6
Interface MTU	1500
DB Description	0x02, (M) More
DD Sequence	602648670
🚩 Advertising Router	10.1.1.1
🚩 Advertising Router	10.1.1.1
🚩 Advertising Router	10.1.1.1
🚩 Advertising Router	10.1.1.1
🚩 Advertising Router	10.1.1.1
🚩 Advertising Router	10.1.1.1
🚩 Advertising Router	10.1.1.1
🚩 Advertising Router	10.1.1.1...
	11 more

[📄 OSPFv3 DB Description](#)

🆔 Source OSPF Router	10.10.10.10
🏠 Area ID	0.0.0.6
Instance ID	Base IPv6 Unicast AF (0)
Options	0x000013, R, E, V6
Interface MTU	1500
DB Description	0x01, (MS) Master
DD Sequence	602648671
🚩 Advertising Router	10.10.10.10
🚩 Advertising Router	10.10.10.10
🚩 Advertising Router	10.10.10.10

[🔍 OSPFv3 LS Request](#)

🆔 Source OSPF Router	10.1.1.1
🏠 Area ID	0.0.0.6
Instance ID	Base IPv6 Unicast AF (0)
🚩 Advertising Router	10.10.10.10
🚩 Advertising Router	10.10.10.10
🚩 Advertising Router	10.10.10.10

[📡 OSPFv3 LS Update](#)

🆔 Source OSPF Router	10.10.10.10
🏠 Area ID	0.0.0.6
Instance ID	Base IPv6 Unicast AF (0)
LS Age (seconds)	8
🚩 Advertising Router	10.10.10.10
📄 Sequence Number	0x80000003
LS Age (seconds)	44
🚩 Advertising Router	10.10.10.10
📄 Sequence Number	0x80000002
LS Age (seconds)	45
🚩 Advertising Router	10.10.10.10
📄 Sequence Number	0x80000002

[📄 OSPFv3 DB Description](#)

🆔 Source OSPF Router	10.1.1.1
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Frame 7 |
2020-08-04T22:17:07.451702Z

Frame 8 |
2020-08-04T22:17:07.451952Z

Frame 9 |
2020-08-04T22:17:07.452128Z

Frame 10 |
2020-08-04T22:17:07.452345Z

Frame 11 |
2020-08-04T22:17:07.452519Z

Frame 12 |
2020-08-04T22:17:07.452595Z

R1

R10

Area ID	0.0.0.6
Instance ID	Base IPv6 Unicast AF (0)
Options	0x000013, R, E, V6
Interface MTU	1500
DB Description	0x00
DD Sequence	602648671

OSPFv3 LS Request

Source OSPF Router	10.10.10.10
Area ID	0.0.0.6
Instance ID	Base IPv6 Unicast AF (0)
Advertising Router	10.1.1.1
Advertising Router	10.1.1.1
Advertising Router	10.1.1.1
Advertising Router	10.1.1.1
Advertising Router	10.1.1.1
Advertising Router	10.1.1.1
Advertising Router	10.1.1.1
Advertising Router	10.1.1.1
Advertising Router	10.1.1.1
Advertising Router	10.1.1.1
Advertising Router	10.1.1.1
Advertising Router	10.1.1.1...
	7 more

Frame 13 | 2020-08-04T22:17:07.452738Z

OSPFv3 LS Update

Source OSPF Router	10.1.1.1
Area ID	0.0.0.6
Instance ID	Base IPv6 Unicast AF (0)
LS Age (seconds)	44
Advertising Router	10.1.1.1
Sequence Number	0x80000002
LS Age (seconds)	85
Advertising Router	10.1.1.1
Sequence Number	0x80000001
LS Age (seconds)	75
Advertising Router	10.1.1.1
Sequence Number	0x80000001
LS Age (seconds)	75
Advertising Router	10.1.1.1
Sequence Number	0x80000001...
	45 more

Frame 14 | 2020-08-04T22:17:07.453131Z

OSPFv3 LS Update

Source OSPF Router	10.1.1.1
Area ID	0.0.0.6
Instance ID	Base IPv6 Unicast AF (0)
LS Age (seconds)	3600
Advertising Router	10.1.1.1
Sequence Number	0x80000002
LS Age (seconds)	1
Advertising Router	10.1.1.1
Sequence Number	0x80000003

Frame 15 | 2020-08-04T22:17:07.966306Z

OSPFv3 LS Update

Source OSPF Router	10.10.10.10
Area ID	0.0.0.6
Instance ID	Base IPv6 Unicast AF (0)
LS Age (seconds)	1
Advertising Router	10.10.10.10
Sequence Number	0x80000004
LS Age (seconds)	1
Advertising Router	10.10.10.10
Sequence Number	0x80000001
LS Age (seconds)	1
Advertising Router	10.10.10.10

Frame 16 | 2020-08-04T22:17:07.966448Z

R1

R10

Sequence Number	0x80000001
LS Age (seconds)	1
Advertising Router	10.10.10.10
Sequence Number	0x80000003

OSPFv3 LS Update

Frame 17 | 2020-08-04T22:17:08.005465Z

Source OSPF Router	10.10.10.10
Area ID	0.0.0.6
Instance ID	Base IPv6 Unicast AF (0)
LS Age (seconds)	3600
Advertising Router	10.1.1.1
Sequence Number	0x80000002
LS Age (seconds)	2
Advertising Router	10.1.1.1
Sequence Number	0x80000003

OSPFv3 Hello Packet

Frame 18 | 2020-08-04T22:17:09.112008Z

Source OSPF Router	10.1.1.1
Area ID	0.0.0.6
Instance ID	Base IPv6 Unicast AF (0)
Router Priority	1
Options	0x000013, R, E, V6
Hello Interval [sec]	10
Router Dead Interval [sec]	40
Designated Router	10.10.10.10
Backup Designated Router	10.1.1.1
Active Neighbor	10.10.10.10

OSPFv3 LS Acknowledge

Frame 19 | 2020-08-04T22:17:09.960609Z

Source OSPF Router	10.1.1.1
Area ID	0.0.0.6
Instance ID	Base IPv6 Unicast AF (0)
Advertising Router	10.10.10.10
Sequence Number	0x80000003
Advertising Router	10.10.10.10
Sequence Number	0x80000002
Advertising Router	10.10.10.10
Sequence Number	0x80000002
Advertising Router	10.10.10.10
Sequence Number	0x80000004
Advertising Router	10.10.10.10
Sequence Number	0x80000001
Advertising Router	10.10.10.10
Sequence Number	0x80000001...
6 more	

OSPFv3 LS Update

Frame 20 | 2020-08-04T22:17:12.973885Z

Source OSPF Router	10.10.10.10
Area ID	0.0.0.6
Instance ID	Base IPv6 Unicast AF (0)
LS Age (seconds)	1
Advertising Router	10.10.10.10
Sequence Number	0x80000005

OSPFv3 LS Acknowledge

Frame 21 | 2020-08-04T22:17:15.478139Z

Source OSPF Router	10.1.1.1
Area ID	0.0.0.6
Instance ID	Base IPv6 Unicast AF (0)
Advertising Router	10.10.10.10
Sequence Number	0x80000005

OSPFv3 Hello Packet

Frame 22 | 2020-08-04T22:17:16.480369Z

Source OSPF Router	10.10.10.10
Area ID	0.0.0.6
Instance ID	Base IPv6 Unicast AF (0)
Router Priority	1
Options	0x000013, R, E, V6

R1

R10

Hello Interval [sec]	10
Router Dead Interval [sec]	40
👑 Designated Router	10.10.10.10
👑 Backup Designated Router	10.1.1.1
👤 Active Neighbor	10.1.1.1

OSPFv3 LS Update

🆔 Source OSPF Router	10.1.1.1
🏠 Area ID	0.0.0.6
Instance ID	Base IPv6 Unicast AF (0)
LS Age (seconds)	1
📣 Advertising Router	10.1.1.1
📄 Sequence Number	0x80000004

Frame 23 |
2020-08-04T22:17:16.99851Z

OSPFv3 Hello Packet

🆔 Source OSPF Router	10.1.1.1
🏠 Area ID	0.0.0.6
Instance ID	Base IPv6 Unicast AF (0)
Router Priority	1
Options	0x000013, R, E, V6
Hello Interval [sec]	10
Router Dead Interval [sec]	40
👑 Designated Router	10.10.10.10
👑 Backup Designated Router	10.1.1.1
👤 Active Neighbor	10.10.10.10

Frame 24 |
2020-08-04T22:17:19.015462Z

OSPFv3 LS Acknowledge

🆔 Source OSPF Router	10.10.10.10
🏠 Area ID	0.0.0.6
Instance ID	Base IPv6 Unicast AF (0)
📣 Advertising Router	10.1.1.1
📄 Sequence Number	0x80000004

Frame 25 |
2020-08-04T22:17:19.521221Z

OSPFv3 Hello Packet

🆔 Source OSPF Router	10.10.10.10
🏠 Area ID	0.0.0.6
Instance ID	Base IPv6 Unicast AF (0)
Router Priority	1
Options	0x000013, R, E, V6
Hello Interval [sec]	10
Router Dead Interval [sec]	40
👑 Designated Router	10.10.10.10
👑 Backup Designated Router	10.1.1.1
👤 Active Neighbor	10.1.1.1

Frame 26 |
2020-08-04T22:17:25.882669Z

OSPFv3 Hello Packet

🆔 Source OSPF Router	10.1.1.1
🏠 Area ID	0.0.0.6
Instance ID	Base IPv6 Unicast AF (0)
Router Priority	1
Options	0x000013, R, E, V6
Hello Interval [sec]	10
Router Dead Interval [sec]	40
👑 Designated Router	10.10.10.10
👑 Backup Designated Router	10.1.1.1
👤 Active Neighbor	10.10.10.10

Frame 27 |
2020-08-04T22:17:28.395128Z

OSPFv3 Hello Packet

🆔 Source OSPF Router	10.10.10.10
🏠 Area ID	0.0.0.6
Instance ID	Base IPv6 Unicast AF (0)
Router Priority	1
Options	0x000013, R, E, V6
Hello Interval [sec]	10
Router Dead Interval [sec]	40
👑 Designated Router	10.10.10.10
👑 Backup Designated Router	10.1.1.1

Frame 28 |
2020-08-04T22:17:35.116336Z

R1

R10

Active Neighbor	10.1.1.1
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OSPFv3 Hello Packet

Source OSPF Router	10.1.1.1
Area ID	0.0.0.6
Instance ID	Base IPv6 Unicast AF (0)
Router Priority	1
Options	0x000013, R, E, V6
Hello Interval [sec]	10
Router Dead Interval [sec]	40
Designated Router	10.10.10.10
Backup Designated Router	10.1.1.1
Active Neighbor	10.10.10.10

Frame 29 |
2020-08-04T22:17:37.642936Z