

R3

AllSPFRouters

R4

ospfv3_v6_multi_area.pcapng

👋 OSPFv3 Hello Packet

Source OSPF Router	10.3.3.3
Area ID	0.0.0.0 (Backbone)
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	0.0.0.0
Backup Designated Router	0.0.0.0

Frame 1 |
2020-08-04T21:40:17.132274Z

👋 OSPFv3 Hello Packet

Source OSPF Router	10.3.3.3
Area ID	0.0.0.5
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	0.0.0.0
Backup Designated Router	0.0.0.0

Frame 2 |
2020-08-04T21:40:17.346262Z

👋 OSPFv3 Hello Packet

Source OSPF Router	10.4.4.4
Area ID	0.0.0.0 (Backbone)
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	0.0.0.0
Backup Designated Router	0.0.0.0

Frame 3 |
2020-08-04T21:40:18.103678Z

👋 OSPFv3 Hello Packet

Source OSPF Router	10.4.4.4
Area ID	0.0.0.5
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	0.0.0.0
Backup Designated Router	0.0.0.0

Frame 4 |
2020-08-04T21:40:18.103681Z

👋 OSPFv3 Hello Packet

Source OSPF Router	10.3.3.3
Area ID	0.0.0.5
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	0.0.0.0
Backup Designated Router	0.0.0.0
Active Neighbor	10.4.4.4

Frame 5 |
2020-08-04T21:40:18.103971Z

📄 OSPFv3 DB Description

Source OSPF Router	10.4.4.4
Area ID	0.0.0.5
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	487760309

Frame 6 |
2020-08-04T21:40:18.104351Z

R3

AllSPFRouters

R4

👉 OSPFv3 Hello Packet

Frame 7 |
2020-08-04T21:40:18.104366Z

ID	Source OSPF Router	10.4.4.4
🏠	Area ID	0.0.0.5
	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	0.0.0.0
👑	Backup Designated Router	0.0.0.0
👥	Active Neighbor	10.3.3.3

📄 OSPFv3 DB Description

Frame 8 |
2020-08-04T21:40:18.104629Z

ID	Source OSPF Router	10.3.3.3
🏠	Area ID	0.0.0.5
	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	137225254

📄 OSPFv3 DB Description

Frame 9 |
2020-08-04T21:40:18.104684Z

ID	Source OSPF Router	10.3.3.3
🏠	Area ID	0.0.0.5
	Instance ID	Base IPv6 Unicast AF (0)
	Options	0x000013, R, E, V6
	Interface MTU	1500
	DB Description	0x02, (M) More
	DD Sequence	487760309
🚩	Advertising Router	10.3.3.3
🚩	Advertising Router	10.3.3.3
🚩	Advertising Router	10.3.3.3
🚩	Advertising Router	10.3.3.3
🚩	Advertising Router	10.3.3.3
🚩	Advertising Router	10.3.3.3
🚩	Advertising Router	10.3.3.3
🚩	Advertising Router	10.3.3.3...
		4 more

📄 OSPFv3 DB Description

Frame 10 |
2020-08-04T21:40:18.111232Z

ID	Source OSPF Router	10.4.4.4
🏠	Area ID	0.0.0.5
	Instance ID	Base IPv6 Unicast AF (0)
	Options	0x000013, R, E, V6
	Interface MTU	1500
	DB Description	0x01, (MS) Master
	DD Sequence	487760310
🚩	Advertising Router	10.4.4.4

🔍 OSPFv3 LS Request

Frame 11 |
2020-08-04T21:40:18.111709Z

ID	Source OSPF Router	10.3.3.3
🏠	Area ID	0.0.0.5
	Instance ID	Base IPv6 Unicast AF (0)
🚩	Advertising Router	10.4.4.4

📄 OSPFv3 DB Description

Frame 12 |
2020-08-04T21:40:18.111731Z

ID	Source OSPF Router	10.3.3.3
🏠	Area ID	0.0.0.5
	Instance ID	Base IPv6 Unicast AF (0)
	Options	0x000013, R, E, V6
	Interface MTU	1500
	DB Description	0x00
	DD Sequence	487760310

👉 OSPFv3 LS Update

Frame 13 |
2020-08-04T21:40:18.112634Z

ID	Source OSPF Router	10.4.4.4
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R3

AllSPFRouters

R4

Area ID	0.0.0.5
Instance ID	Base IPv6 Unicast AF (0)
LS Age (seconds)	1
Advertising Router	10.4.4.4
Sequence Number	0x80000001

OSPFv3 LS Request

Source OSPF Router	10.4.4.4
Area ID	0.0.0.5
Instance ID	Base IPv6 Unicast AF (0)
Advertising Router	10.3.3.3
Advertising Router	10.3.3.3
Advertising Router	10.3.3.3
Advertising Router	10.3.3.3
Advertising Router	10.3.3.3
Advertising Router	10.3.3.3
Advertising Router	10.3.3.3
Advertising Router	10.3.3.3
Advertising Router	10.3.3.3
Advertising Router	10.3.3.3
Advertising Router	10.3.3.3
Advertising Router	10.3.3.3
Advertising Router	10.3.3.3
Advertising Router	10.3.3.3

Frame 14 | 2020-08-04T21:40:18.112645Z

OSPFv3 LS Update

Source OSPF Router	10.3.3.3
Area ID	0.0.0.5
Instance ID	Base IPv6 Unicast AF (0)
LS Age (seconds)	571
Advertising Router	10.3.3.3
Sequence Number	0x80000001
LS Age (seconds)	562
Advertising Router	10.3.3.3
Sequence Number	0x80000001
LS Age (seconds)	562
Advertising Router	10.3.3.3
Sequence Number	0x80000001
LS Age (seconds)	516
Advertising Router	10.3.3.3
Sequence Number	0x80000001...
	24 more

Frame 15 | 2020-08-04T21:40:18.112861Z

OSPFv3 LS Update

Source OSPF Router	10.4.4.4
Area ID	0.0.0.5
Instance ID	Base IPv6 Unicast AF (0)
LS Age (seconds)	1
Advertising Router	10.4.4.4
Sequence Number	0x80000001

Frame 16 | 2020-08-04T21:40:18.584185Z

OSPFv3 LS Update

Source OSPF Router	10.3.3.3
Area ID	0.0.0.5
Instance ID	Base IPv6 Unicast AF (0)
LS Age (seconds)	1
Advertising Router	10.3.3.3
Sequence Number	0x80000002

Frame 17 | 2020-08-04T21:40:18.632121Z

OSPFv3 LS Acknowledge

Source OSPF Router	10.3.3.3
Area ID	0.0.0.5
Instance ID	Base IPv6 Unicast AF (0)
Advertising Router	10.4.4.4
Sequence Number	0x80000001
Advertising Router	10.4.4.4
Sequence Number	0x80000001

Frame 18 | 2020-08-04T21:40:20.618884Z

OSPFv3 LS Acknowledge

Frame 19 | 2020-08-04T21:40:20.619681Z

R3

AllSPFRouters

R4

ID Source OSPF Router	10.4.4.4
Area ID	0.0.0.5
Instance ID	Base IPv6 Unicast AF (0)
Advertising Router	10.3.3.3
Sequence Number	0x80000001
Advertising Router	10.3.3.3
Sequence Number	0x80000001
Advertising Router	10.3.3.3
Sequence Number	0x80000001
Advertising Router	10.3.3.3
Sequence Number	0x80000001
Advertising Router	10.3.3.3
Sequence Number	0x80000001...
14 more	

OSPFv3 LS Update

ID Source OSPF Router	10.4.4.4
Area ID	0.0.0.5
Instance ID	Base IPv6 Unicast AF (0)
LS Age (seconds)	1
Advertising Router	10.4.4.4
Sequence Number	0x80000001

Frame 20 | 2020-08-04T21:40:23.120349Z

OSPFv3 LS Acknowledge

ID Source OSPF Router	10.3.3.3
Area ID	0.0.0.5
Instance ID	Base IPv6 Unicast AF (0)
Advertising Router	10.4.4.4
Sequence Number	0x80000001

Frame 21 | 2020-08-04T21:40:25.626492Z

OSPFv3 Hello Packet

ID Source OSPF Router	10.3.3.3
Area ID	0.0.0.0 (Backbone)
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	0.0.0.0
Backup Designated Router	0.0.0.0
Active Neighbor	10.4.4.4

Frame 22 | 2020-08-04T21:40:26.406432Z

OSPFv3 DB Description

ID Source OSPF Router	10.4.4.4
Area ID	0.0.0.0 (Backbone)
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	871306315

Frame 23 | 2020-08-04T21:40:26.407291Z

OSPFv3 Hello Packet

ID Source OSPF Router	10.4.4.4
Area ID	0.0.0.0 (Backbone)
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	0.0.0.0
Backup Designated Router	0.0.0.0
Active Neighbor	10.3.3.3

Frame 24 | 2020-08-04T21:40:26.407361Z

OSPFv3 DB Description

ID Source OSPF Router	10.3.3.3
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Frame 25 | 2020-08-04T21:40:26.40798Z

R3

AllSPFRouters

R4

Area ID	0.0.0.0 (Backbone)
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	385967566

OSPFv3 DB Description

Source OSPF Router	10.3.3.3
Area ID	0.0.0.0 (Backbone)
Instance ID	Base IPv6 Unicast AF (0)
Options	0x000013, R, E, V6
Interface MTU	1500
DB Description	0x02, (M) More
DD Sequence	871306315
Advertising Router	10.1.1.1
Advertising Router	10.2.2.2
Advertising Router	10.3.3.3
Advertising Router	10.3.3.3
Advertising Router	10.1.1.1
Advertising Router	10.1.1.1
Advertising Router	10.1.1.1
Advertising Router	10.2.2.2...
	9 more

OSPFv3 DB Description

Source OSPF Router	10.4.4.4
Area ID	0.0.0.0 (Backbone)
Instance ID	Base IPv6 Unicast AF (0)
Options	0x000013, R, E, V6
Interface MTU	1500
DB Description	0x01, (MS) Master
DD Sequence	871306316
Advertising Router	10.4.4.4
Advertising Router	10.4.4.4
Advertising Router	10.4.4.4

OSPFv3 LS Request

Source OSPF Router	10.3.3.3
Area ID	0.0.0.0 (Backbone)
Instance ID	Base IPv6 Unicast AF (0)
Advertising Router	10.4.4.4
Advertising Router	10.4.4.4
Advertising Router	10.4.4.4

OSPFv3 DB Description

Source OSPF Router	10.3.3.3
Area ID	0.0.0.0 (Backbone)
Instance ID	Base IPv6 Unicast AF (0)
Options	0x000013, R, E, V6
Interface MTU	1500
DB Description	0x00
DD Sequence	871306316

OSPFv3 LS Update

Source OSPF Router	10.4.4.4
Area ID	0.0.0.0 (Backbone)
Instance ID	Base IPv6 Unicast AF (0)
LS Age (seconds)	5
Advertising Router	10.4.4.4
Sequence Number	0x80000002
LS Age (seconds)	4
Advertising Router	10.4.4.4
Sequence Number	0x80000002
LS Age (seconds)	5
Advertising Router	10.4.4.4

Frame 26 |
2020-08-04T21:40:26.408162Z

Frame 27 |
2020-08-04T21:40:26.408784Z

Frame 28 |
2020-08-04T21:40:26.409221Z

Frame 29 |
2020-08-04T21:40:26.409292Z

Frame 30 |
2020-08-04T21:40:26.40988Z

R3

AllSPFRouters

R4

Sequence Number	0x80000002
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OSPFv3 LS Request

Source OSPF Router	10.4.4.4
Area ID	0.0.0.0 (Backbone)
Instance ID	Base IPv6 Unicast AF (0)
Advertising Router	10.1.1.1
Advertising Router	10.2.2.2
Advertising Router	10.3.3.3
Advertising Router	10.3.3.3
Advertising Router	10.1.1.1
Advertising Router	10.1.1.1
Advertising Router	10.1.1.1
Advertising Router	10.2.2.2
Advertising Router	10.2.2.2
Advertising Router	10.3.3.3
Advertising Router	10.3.3.3
Advertising Router	10.3.3.3...
	5 more

Frame 31 |
2020-08-04T21:40:26.409932Z

OSPFv3 LS Update

Source OSPF Router	10.3.3.3
Area ID	0.0.0.0 (Backbone)
Instance ID	Base IPv6 Unicast AF (0)
LS Age (seconds)	523
Advertising Router	10.1.1.1
Sequence Number	0x80000006
LS Age (seconds)	530
Advertising Router	10.2.2.2
Sequence Number	0x80000004
LS Age (seconds)	522
Advertising Router	10.3.3.3
Sequence Number	0x80000005
LS Age (seconds)	535
Advertising Router	10.3.3.3
Sequence Number	0x80000001...
	39 more

Frame 32 |
2020-08-04T21:40:26.410644Z

OSPFv3 LS Update

Source OSPF Router	10.3.3.3
Area ID	0.0.0.0 (Backbone)
Instance ID	Base IPv6 Unicast AF (0)
LS Age (seconds)	1
Advertising Router	10.3.3.3
Sequence Number	0x80000006

Frame 33 |
2020-08-04T21:40:26.928942Z

OSPFv3 LS Update

Source OSPF Router	10.4.4.4
Area ID	0.0.0.0 (Backbone)
Instance ID	Base IPv6 Unicast AF (0)
LS Age (seconds)	1
Advertising Router	10.4.4.4
Sequence Number	0x80000003

Frame 34 |
2020-08-04T21:40:27.149815Z

OSPFv3 Hello Packet

Source OSPF Router	10.3.3.3
Area ID	0.0.0.5
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	0.0.0.0
Backup Designated Router	0.0.0.0
Active Neighbor	10.4.4.4

Frame 35 |
2020-08-04T21:40:27.172723Z

OSPFv3 Hello Packet

Frame 36 |
2020-08-04T21:40:27.690329Z

R3

AllSPFRouters

R4

ID	Source OSPF Router	10.4.4.4
🏠	Area ID	0.0.0.0 (Backbone)
	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	0.0.0.0
👑	Backup Designated Router	0.0.0.0
👤	Active Neighbor	10.3.3.3

👉 OSPFv3 Hello Packet

Frame 37 |
2020-08-04T21:40:28.050373Z

ID	Source OSPF Router	10.4.4.4
🏠	Area ID	0.0.0.5
	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	0.0.0.0
👑	Backup Designated Router	0.0.0.0
👤	Active Neighbor	10.3.3.3

👉 OSPFv3 LS Update

Frame 38 |
2020-08-04T21:40:28.066555Z

ID	Source OSPF Router	10.4.4.4
🏠	Area ID	0.0.0.0 (Backbone)
	Instance ID	Base IPv6 Unicast AF (0)
	LS Age (seconds)	1
🚩	Advertising Router	10.4.4.4
1 2 3 4	Sequence Number	0x80000001
	LS Age (seconds)	1
🚩	Advertising Router	10.4.4.4
1 2 3 4	Sequence Number	0x80000001
	LS Age (seconds)	1
🚩	Advertising Router	10.4.4.4
1 2 3 4	Sequence Number	0x80000001
	LS Age (seconds)	1
🚩	Advertising Router	10.4.4.4
1 2 3 4	Sequence Number	0x80000001...
		6 more

👉 OSPFv3 LS Update

Frame 39 |
2020-08-04T21:40:28.066735Z

ID	Source OSPF Router	10.4.4.4
🏠	Area ID	0.0.0.5
	Instance ID	Base IPv6 Unicast AF (0)
	LS Age (seconds)	1
🚩	Advertising Router	10.4.4.4
1 2 3 4	Sequence Number	0x80000001
	LS Age (seconds)	1
🚩	Advertising Router	10.4.4.4
1 2 3 4	Sequence Number	0x80000001
	LS Age (seconds)	1
🚩	Advertising Router	10.4.4.4
1 2 3 4	Sequence Number	0x80000001
	LS Age (seconds)	1
🚩	Advertising Router	10.4.4.4
1 2 3 4	Sequence Number	0x80000001...
		21 more

✅ OSPFv3 LS Acknowledge

Frame 40 |
2020-08-04T21:40:28.91494Z

ID	Source OSPF Router	10.3.3.3
🏠	Area ID	0.0.0.0 (Backbone)
	Instance ID	Base IPv6 Unicast AF (0)
🚩	Advertising Router	10.4.4.4
1 2 3 4	Sequence Number	0x80000002
🚩	Advertising Router	10.4.4.4

R3

AllSPFRouters

R4

Sequence Number	0x80000002
Advertising Router	10.4.4.4
Sequence Number	0x80000002
Advertising Router	10.4.4.4
Sequence Number	0x80000003
Advertising Router	10.4.4.4
Sequence Number	0x80000001
Advertising Router	10.4.4.4
Sequence Number	0x80000001...
	8 more

✓ OSPFv3 LS Acknowledge

Source OSPF Router	10.4.4.4
Area ID	0.0.0.0 (Backbone)
Instance ID	Base IPv6 Unicast AF (0)
Advertising Router	10.1.1.1
Sequence Number	0x80000006
Advertising Router	10.2.2.2
Sequence Number	0x80000004
Advertising Router	10.3.3.3
Sequence Number	0x80000005
Advertising Router	10.3.3.3
Sequence Number	0x80000001
Advertising Router	10.1.1.1
Sequence Number	0x80000001
Advertising Router	10.1.1.1
Sequence Number	0x80000001...
	24 more

Frame 41 |
2020-08-04T21:40:28.91556Z

✓ OSPFv3 LS Acknowledge

Source OSPF Router	10.3.3.3
Area ID	0.0.0.5
Instance ID	Base IPv6 Unicast AF (0)
Advertising Router	10.4.4.4
Sequence Number	0x80000001
Advertising Router	10.4.4.4
Sequence Number	0x80000001
Advertising Router	10.4.4.4
Sequence Number	0x80000001
Advertising Router	10.4.4.4
Sequence Number	0x80000001
Advertising Router	10.4.4.4
Sequence Number	0x80000001
Advertising Router	10.4.4.4
Sequence Number	0x80000001...
	10 more

Frame 42 |
2020-08-04T21:40:30.576592Z

OSPFv3 LS Update

Source OSPF Router	10.3.3.3
Area ID	0.0.0.5
Instance ID	Base IPv6 Unicast AF (0)
LS Age (seconds)	1
Advertising Router	10.3.3.3
Sequence Number	0x80000001
LS Age (seconds)	1
Advertising Router	10.3.3.3
Sequence Number	0x80000001

Frame 43 |
2020-08-04T21:40:33.610751Z

OSPFv3 Hello Packet

Source OSPF Router	10.3.3.3
Area ID	0.0.0.0 (Backbone)
Instance ID	Base IPv6 Unicast AF (0)
Router Priority	1
Options	0x000013, R, E, V6
Hello Interval [sec]	10
Router Dead Interval [sec]	40

Frame 44 |
2020-08-04T21:40:35.514723Z

R3

AllSPFRouters

R4

👑 Designated Router	0.0.0.0
👑 Backup Designated Router	0.0.0.0
👤 Active Neighbor	10.4.4.4

✔️ OSPFv3 LS Acknowledge

ID Source OSPF Router	10.4.4.4
🏠 Area ID	0.0.0.5
Instance ID	Base IPv6 Unicast AF (0)
🚩 Advertising Router	10.3.3.3
1 2 3 4 Sequence Number	0x80000001
🚩 Advertising Router	10.3.3.3
1 2 3 4 Sequence Number	0x80000001

Frame 45 |
2020-08-04T21:40:36.119303Z

👋 OSPFv3 Hello Packet

ID Source OSPF Router	10.3.3.3
🏠 Area ID	0.0.0.5
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	0.0.0.0
👑 Backup Designated Router	0.0.0.0
👤 Active Neighbor	10.4.4.4

Frame 46 |
2020-08-04T21:40:36.297689Z

👋 OSPFv3 Hello Packet

ID Source OSPF Router	10.4.4.4
🏠 Area ID	0.0.0.0 (Backbone)
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	0.0.0.0
👑 Backup Designated Router	0.0.0.0
👤 Active Neighbor	10.3.3.3

Frame 47 |
2020-08-04T21:40:36.924467Z

👋 OSPFv3 Hello Packet

ID Source OSPF Router	10.4.4.4
🏠 Area ID	0.0.0.5
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	0.0.0.0
👑 Backup Designated Router	0.0.0.0
👤 Active Neighbor	10.3.3.3

Frame 48 |
2020-08-04T21:40:37.732653Z

🚩 OSPFv3 LS Update

ID Source OSPF Router	10.4.4.4
🏠 Area ID	0.0.0.0 (Backbone)
Instance ID	Base IPv6 Unicast AF (0)
LS Age (seconds)	1
🚩 Advertising Router	10.4.4.4
1 2 3 4 Sequence Number	0x80000002

Frame 49 |
2020-08-04T21:40:38.072293Z

🚩 OSPFv3 LS Update

ID Source OSPF Router	10.4.4.4
🏠 Area ID	0.0.0.5
Instance ID	Base IPv6 Unicast AF (0)
LS Age (seconds)	1
🚩 Advertising Router	10.4.4.4
1 2 3 4 Sequence Number	0x80000002

Frame 50 |
2020-08-04T21:40:38.072353Z

✔️ OSPFv3 LS Acknowledge

ID Source OSPF Router	10.3.3.3
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Frame 51 |
2020-08-04T21:40:40.574568Z

R3

AllSPFRouters

R4

Area ID	0.0.0.5
Instance ID	Base IPv6 Unicast AF (0)
Advertising Router	10.4.4.4
Sequence Number	0x80000002

OSPFv3 LS Acknowledge

Source OSPF Router	10.3.3.3
Area ID	0.0.0.0 (Backbone)
Instance ID	Base IPv6 Unicast AF (0)
Advertising Router	10.4.4.4
Sequence Number	0x80000002

OSPFv3 LS Update

Source OSPF Router	10.3.3.3
Area ID	0.0.0.5
Instance ID	Base IPv6 Unicast AF (0)
LS Age (seconds)	1
Advertising Router	10.3.3.3
Sequence Number	0x80000003

OSPFv3 LS Update

Source OSPF Router	10.4.4.4
Area ID	0.0.0.5
Instance ID	Base IPv6 Unicast AF (0)
LS Age (seconds)	1
Advertising Router	10.4.4.4
Sequence Number	0x80000002

OSPFv3 Hello Packet

Source OSPF Router	10.3.3.3
Area ID	0.0.0.0 (Backbone)
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	0.0.0.0
Backup Designated Router	0.0.0.0
Active Neighbor	10.4.4.4

OSPFv3 Hello Packet

Source OSPF Router	10.3.3.3
Area ID	0.0.0.5
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	0.0.0.0
Backup Designated Router	0.0.0.0
Active Neighbor	10.4.4.4

OSPFv3 Hello Packet

Source OSPF Router	10.4.4.4
Area ID	0.0.0.0 (Backbone)
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	0.0.0.0
Backup Designated Router	0.0.0.0
Active Neighbor	10.3.3.3

OSPFv3 LS Acknowledge

Source OSPF Router	10.3.3.3
Area ID	0.0.0.5

Frame 52 | 2020-08-04T21:40:40.574674Z

Frame 53 | 2020-08-04T21:40:43.774833Z

Frame 54 | 2020-08-04T21:40:43.774923Z

Frame 55 | 2020-08-04T21:40:44.680029Z

Frame 56 | 2020-08-04T21:40:45.535846Z

Frame 57 | 2020-08-04T21:40:46.213328Z

Frame 58 | 2020-08-04T21:40:46.284305Z

R3

AllSPFRouters

R4

Instance ID	Base IPv6 Unicast AF (0)
Advertising Router	10.4.4.4
Sequence Number	0x80000002

OSPFv3 LS Acknowledge

Frame 59 |
2020-08-04T21:40:46.28433Z

Source OSPF Router	10.4.4.4
Area ID	0.0.0.5
Instance ID	Base IPv6 Unicast AF (0)
Advertising Router	10.3.3.3
Sequence Number	0x80000003

OSPFv3 Hello Packet

Frame 60 |
2020-08-04T21:40:47.279303Z

Source OSPF Router	10.4.4.4
Area ID	0.0.0.5
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	0.0.0.0
Backup Designated Router	0.0.0.0
Active Neighbor	10.3.3.3

OSPFv3 LS Update

Frame 61 |
2020-08-04T21:40:48.278411Z

Source OSPF Router	10.4.4.4
Area ID	0.0.0.0 (Backbone)
Instance ID	Base IPv6 Unicast AF (0)
LS Age (seconds)	3600
Advertising Router	10.4.4.4
Sequence Number	0x80000002

OSPFv3 LS Update

Frame 62 |
2020-08-04T21:40:48.281841Z

Source OSPF Router	10.4.4.4
Area ID	0.0.0.5
Instance ID	Base IPv6 Unicast AF (0)
LS Age (seconds)	1
Advertising Router	10.4.4.4
Sequence Number	0x80000001

OSPFv3 LS Acknowledge

Frame 63 |
2020-08-04T21:40:48.282686Z

Source OSPF Router	10.3.3.3
Area ID	0.0.0.5
Instance ID	Base IPv6 Unicast AF (0)
Advertising Router	10.4.4.4
Sequence Number	0x80000001