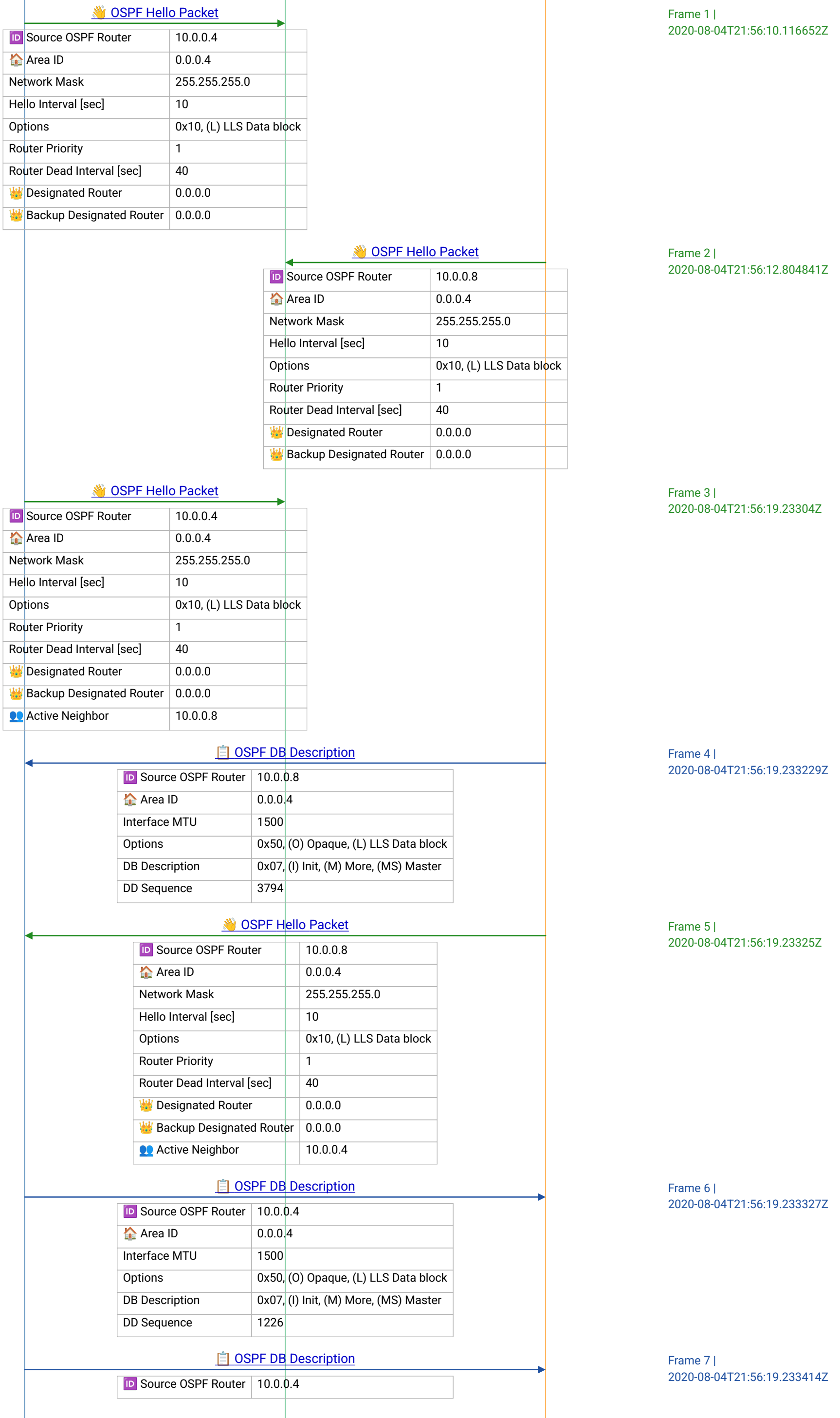


R4

AllSPFRouters

R8

ospfv2_stub_init.pcapng



R4

AllSPFRouters

R8

Area ID	0.0.0.4
Interface MTU	1500
Options	0x50, (O) Opaque, (L) LLS Data block
DB Description	0x02, (M) More
DD Sequence	3794
Options	0x20, (DC) Demand Circuits
LS Type	Router-LSA (1)
Link State ID	10.0.0.4
Advertising Router	10.0.0.4
Options	0x20, (DC) Demand Circuits
LS Type	Summary-LSA (IP network) (3)
Link State ID	0.0.0.0
Advertising Router	10.0.0.4
Options	0x20, (DC) Demand Circuits...
	35 more

OSPF DB Description

Source OSPF Router	10.0.0.8
Area ID	0.0.0.4
Interface MTU	1500
Options	0x50, (O) Opaque, (L) LLS Data block
DB Description	0x01, (MS) Master
DD Sequence	3795
Options	0x20, (DC) Demand Circuits
LS Type	Router-LSA (1)
Link State ID	10.0.0.8
Advertising Router	10.0.0.8

OSPF LS Request

Source OSPF Router	10.0.0.4
Area ID	0.0.0.4
Advertising Router	10.0.0.8

OSPF LS Update

Source OSPF Router	10.0.0.8
Area ID	0.0.0.4
LS Age (seconds)	2
LS Type	Router-LSA (1)
Router LSA	True
Link State ID	10.0.0.8
Advertising Router	10.0.0.8
Sequence Number	0x80000002

OSPF DB Description

Source OSPF Router	10.0.0.4
Area ID	0.0.0.4
Interface MTU	1500
Options	0x50, (O) Opaque, (L) LLS Data block
DB Description	0x00
DD Sequence	3795

OSPF LS Request

Source OSPF Router	10.0.0.8
Area ID	0.0.0.4
Advertising Router	10.0.0.4
Advertising Router	10.0.0.4
Advertising Router	10.0.0.4
Advertising Router	10.0.0.4
Advertising Router	10.0.0.4
Advertising Router	10.0.0.4
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Advertising Router	10.0.0.4
Advertising Router	10.0.0.4
Advertising Router	10.0.0.4
Advertising Router	10.0.0.4
Advertising Router	10.0.0.4

OSPF LS Update

Frame 8 | 2020-08-04T21:56:19.233473Z

Frame 9 | 2020-08-04T21:56:19.237911Z

Frame 10 | 2020-08-04T21:56:19.238065Z

Frame 11 | 2020-08-04T21:56:19.238099Z

Frame 12 | 2020-08-04T21:56:19.238155Z

Frame 13 | 2020-08-04T21:56:19.238293Z

R4

AllSPFRouters

R8

Source OSPF Router	10.0.0.4
Area ID	0.0.0.4
LS Age (seconds)	962
LS Type	Router-LSA (1)
Router LSA	True
Link State ID	10.0.0.4
Advertising Router	10.0.0.4
Sequence Number	0x80000001
LS Age (seconds)	963
LS Type	Summary-LSA (IP network) (3)
Link State ID	0.0.0.0
Advertising Router	10.0.0.4
Sequence Number	0x80000001
LS Age (seconds)	949
LS Type	Summary-LSA (IP network) (3)...
	43 more

OSPF LS Update

Source OSPF Router	10.0.0.4
Area ID	0.0.0.4
LS Age (seconds)	1
LS Type	Router-LSA (1)
Router LSA	True
Link State ID	10.0.0.4
Advertising Router	10.0.0.4
Sequence Number	0x80000002

OSPF LS Acknowledge

Source OSPF Router	10.0.0.4
Area ID	0.0.0.4
Link State ID	10.0.0.8
Advertising Router	10.0.0.8
Sequence Number	0x80000002

OSPF LS Acknowledge

Source OSPF Router	10.0.0.8
Area ID	0.0.0.4
Link State ID	10.0.0.4
Advertising Router	10.0.0.4
Sequence Number	0x80000001
Link State ID	0.0.0.0
Advertising Router	10.0.0.4
Sequence Number	0x80000001
Link State ID	10.0.0.1
Advertising Router	10.0.0.4
Sequence Number	0x80000001
Link State ID	10.0.0.2
Advertising Router	10.0.0.4
Sequence Number	0x80000001
Link State ID	10.0.0.3...
	23 more

OSPF LS Update

Source OSPF Router	10.0.0.8
Area ID	0.0.0.4
LS Age (seconds)	1
LS Type	Router-LSA (1)
Router LSA	True
Link State ID	10.0.0.8
Advertising Router	10.0.0.8
Sequence Number	0x80000003

OSPF Hello Packet

Source OSPF Router	10.0.0.8
Area ID	0.0.0.4
Network Mask	255.255.255.0

Frame 14 | 2020-08-04T21:56:19.753132Z

Frame 15 | 2020-08-04T21:56:21.746094Z

Frame 16 | 2020-08-04T21:56:21.746249Z

Frame 17 | 2020-08-04T21:56:22.595051Z

Frame 18 | 2020-08-04T21:56:22.782727Z

R4

AllSPFRouters

R8

Hello Interval [sec]	10
Options	0x10, (L) LLS Data block
Router Priority	1
Router Dead Interval [sec]	40
👑 Designated Router	0.0.0.0
👑 Backup Designated Router	0.0.0.0
👤 Active Neighbor	10.0.0.4

✔ OSPF LS Acknowledge

👤 Source OSPF Router	10.0.0.4
🏠 Area ID	0.0.0.4
🔗 Link State ID	10.0.0.8
📡 Advertising Router	10.0.0.8
📄 Sequence Number	0x80000003

👤 OSPF Hello Packet

👤 Source OSPF Router	10.0.0.4
🏠 Area ID	0.0.0.4
🔗 Network Mask	255.255.255.0
Hello Interval [sec]	10
Options	0x10, (L) LLS Data block
Router Priority	1
Router Dead Interval [sec]	40
👑 Designated Router	0.0.0.0
👑 Backup Designated Router	0.0.0.0
👤 Active Neighbor	10.0.0.8

👤 OSPF Hello Packet

👤 Source OSPF Router	10.0.0.8
🏠 Area ID	0.0.0.4
🔗 Network Mask	255.255.255.0
Hello Interval [sec]	10
Options	0x10, (L) LLS Data block
Router Priority	1
Router Dead Interval [sec]	40
👑 Designated Router	0.0.0.0
👑 Backup Designated Router	0.0.0.0
👤 Active Neighbor	10.0.0.4

👤 OSPF Hello Packet

👤 Source OSPF Router	10.0.0.4
🏠 Area ID	0.0.0.4
🔗 Network Mask	255.255.255.0
Hello Interval [sec]	10
Options	0x10, (L) LLS Data block
Router Priority	1
Router Dead Interval [sec]	40
👑 Designated Router	0.0.0.0
👑 Backup Designated Router	0.0.0.0
👤 Active Neighbor	10.0.0.8

Frame 19 |
2020-08-04T21:56:25.096008Z

Frame 20 |
2020-08-04T21:56:28.61728Z

Frame 21 |
2020-08-04T21:56:32.587378Z

Frame 22 |
2020-08-04T21:56:37.647933Z