

No.	Time	Source	Destination	FW-1	Protocol	Length	Info
9	38.016769	10.251.104.1	224.0.0.5		OSPF	114	Hello Packet

Frame 9: 114 bytes on wire (912 bits), 114 bytes captured (912 bits)
 Ethernet II, Src: Cisco_fa:3f:51 (00:29:c2:fa:3f:51), Dst: IPv4mcast_05 (01:00:5e:00:00:05)
 Internet Protocol Version 4, Src: 10.251.104.1, Dst: 224.0.0.5
 Open Shortest Path First

OSPF Header

Version: 2
 Message Type: Hello Packet (1)
 Packet Length: 48
 Source OSPF Router: 10.251.104.1
 Area ID: 10.251.104.0
 Checksum: 0x2022 [correct]
 Auth Type: Null (0)
 Auth Data (none): 0000000000000000

OSPF Hello Packet

Network Mask: 255.255.255.128
 Hello Interval [sec]: 10
 Options: 0x12, (L) LLS Data block, (E) External Routing
 0... = DN: Not set
 .0.. = O: Not set
 ..0. = (DC) Demand Circuits: Not supported
 ...1 = (L) LLS Data block: Present
 0... = (N) NSSA: Not supported
0.. = (MC) Multicast: Not capable
1. = (E) External Routing: Capable
0 = (MT) Multi-Topology Routing: No
 Router Priority: 1
 Router Dead Interval [sec]: 40
 Designated Router: 10.251.104.1
 Backup Designated Router: 0.0.0.0
 Active Neighbor: 10.251.104.9

OSPF LLS Data Block

Checksum: 0x7f30
 LLS Data Length: 32 bytes
 Extended options TLV
 TLV Type: 1
 TLV Length: 4
 Options: 0x00000001, (LR) LSDB Resynchronization
 Unknown LLS TLV
 TLV Type: 18
 TLV Length: 4
 Unknown LLS TLV
 TLV Type: 32768
 TLV Length: 8