

No.	Time	Source	Destination	FW-1	Protocol	Length	Info
12	61.626127	10.251.104.1	224.0.0.5		OSPF	90	Hello Packet

Frame 12: 90 bytes on wire (720 bits), 90 bytes captured (720 bits)  
 Ethernet II, Src: Cisco\_39:74:c1 (00:24:50:39:74:c1), 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: 44  
 Source OSPF Router: 10.251.104.1  
 Area ID: 10.251.104.0  
 Checksum: 0x0627 [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: 0.0.0.0  
 Backup Designated Router: 0.0.0.0

OSPF LLS Data Block

Checksum: 0xffff6  
 LLS Data Length: 12 bytes  
 Extended options TLV  
 TLV Type: 1  
 TLV Length: 4  
 Options: 0x00000001, (LR) LSDB Resynchronization  
 .... ..0. = (RS) Restart Signal: Not set  
 .... ..1 = (LR) LSDB Resynchronization: Set