

4A0-101^{Q&As}

Alcatel-Lucent Interior Routing Protocols and High Availability

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QUESTION 1

In an OSPF environment, what must a router receive after it sends out an update?

- A. The router must receive an acknowledgment
- B. The router must receive a Hello
- C. The router must receive a new sequence number
- D. The router must receive a Link State Packet

Correct Answer: A

QUESTION 2

What is the default inbound metric for RIP on the Alcatel-Lucent 7750 SR?

- A. Whatever the advertised metric happens to be.
- B. A value of 1.
- C. This must be administratively set as there is no default value.
- D. A value of 15.

Correct Answer: B

QUESTION 3

Exhibit Given the two configurations shown, identify the two incorrect statements below: (Choose two)

```
ALA-1# configure router
ALA-1>config>router# router-id 138.120.54.73
ALA-1>config>router# ospf
ALA-1>config>router>ospf$ area 0.0.0.0
ALA-1>config>router>ospf>area$ interface ALA-2
ALA-1>config>router>ospf>area>if# interface-type broadcast
ALA-1>config>router>ospf>area>if# metric 100
ALA-1>config>router>ospf>area>if# priority 25
ALA-1>config>router>ospf>area>if# exit
```

```
•ALA-2# configure router
•ALA-2>config>router# router-id 138.120.54.72
•ALA-2>config>router# ospf
•ALA-2>config>router>ospf$ area 0.0.0.0
•ALA-2>config>router>ospf>area$ interface ALA-1
•ALA-2>config>router>ospf>area>if# interface-type point-to-point
•ALA-2>config>router>ospf>area>if# metric 10
•ALA-2>config>router>ospf>area>if# priority 25
•ALA-2>config>router>ospf>area>if# exit
•ALA-2>config>router>ospf>area# interface system
```

- A. Both routers will generate OSPF Hello packets.
- B. The system interface is missing in one configuration so OSPF will not operate correctly.
- C. The interface type settings differ, but OSPF will still operate correctly.
- D. Metric values differ, but this does not prevent OSPF operation.

Correct Answer: BC

QUESTION 4

Click the exhibit button.

```

*ISIS PKT:
•TX ISIS PDU ifid 3 len 59:
• Proto Disc : 131
• Header Len : 27
• Version PID : 1
• ID Length : 0
• Version : 1
• Reserved : 0
• Max Area Addr : 3
• PDU Type : (10) Level 2 LAN IS-IS Hello Pdu
• Circuit Type : L1L2
• Source Id : 01 00 10 01 00 04
• Hold Time : 27
• Packet length : 42
• Priority : 64
• LAN Id : 01 00 10 01 00 04 01
• Area Addresses:
• Area Address : (3) 49.0002
• Supp Protocols:
• Protocols : IPv4
• I/F Addresses :
• I/F Address : 10.3.4.2
    
```

```

*ISIS PKT:
•RX ISIS PDU ifid 3 len 43:
• Proto Disc : 131
• Header Len : 20
• Version PID : 1
• ID Length : 0
• Version : 1
• Reserved : 0
• Max Area Addr : 3
• PDU Type : (11) Point-2-Point IS-IS Hello Pdu
• Circuit Type : L1L2
• Source Id : 01 00 10 01 00 03
• Hold Time : 27
• Packet length : 42
• Circuit Id : 0
• Area Addresses:
• Area Address : (3) 49.0002
• Supp Protocols:
• Protocols : IPv4
• I/F Addresses :
• I/F Address : 10.3.4.1
• 3Way Adjacency :
• State :
• Ext ckt ID : 1
    
```

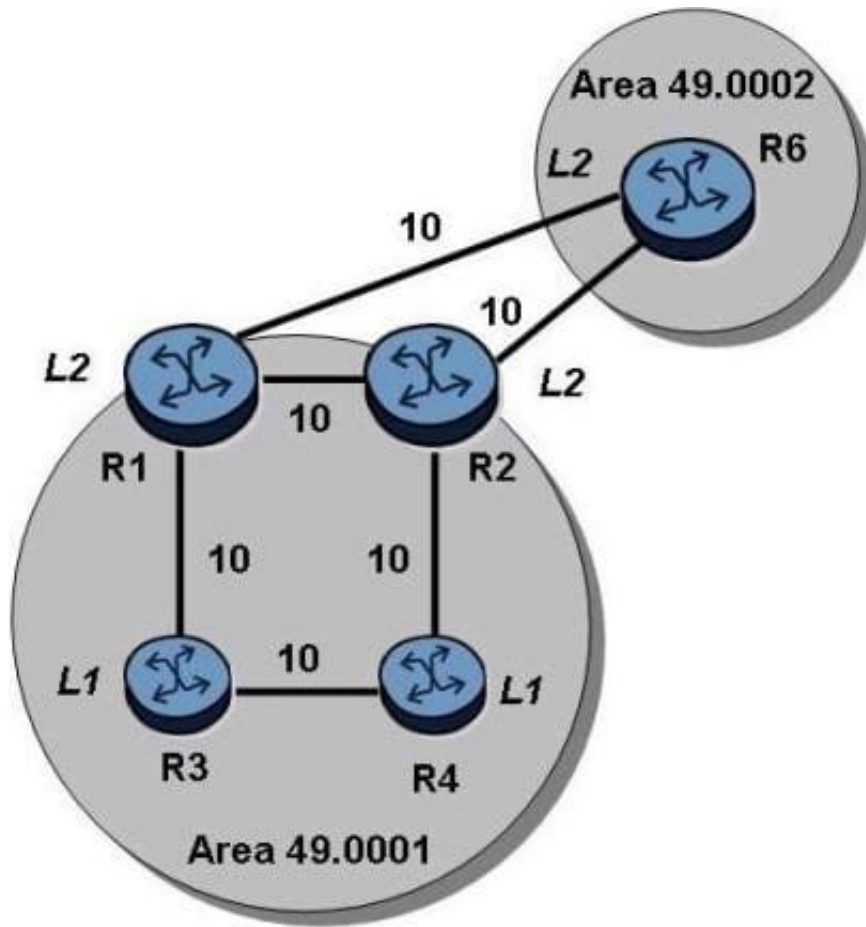
What is the state of adjacency?

- A. Initializing
- B. Up
- C. Down
- D. 2-Way

Correct Answer: C

QUESTION 5

Click on the exhibit.



Examine the physical topology of the IS-IS network, the metrics of the links and the levels of the routers. All routers have a system address included in IS-IS. Which of the following describes the route that router R4 will use to reach the system address of router R6?

- A. Router R4 will have a route to router R6's system address with router R2 as the next-hop.
- B. Router R4 will have a default route with router R2 as the next-hop.
- C. Router R4 will have a default route with router R3 as the next-hop.
- D. Router R4 will not have a route that can be used to reach the system address of router R6.

Correct Answer: D

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