

**Exam : Alcatel-Lucent 4A0-101**

**Title : Alcatel-Lucent Interior  
Routing Protocols and High  
Availability**

**Version : Demo**

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1. How many databases does a Link State routing protocol use?

- A. One
- B. Two
- C. Three
- D. Four

**Answer: C**

2. In an IP datagram, which field identifies the receiving application

- A. The protocol field of the transport layer header
- B. The port field of the transport layer header
- C. The protocol field of the network layer header
- D. The port field of the network layer address

**Answer: B**

3. A static route is created using the command "static-route 0.0.0.0/0 next-hop 3.3.3.1". What command could be used to test the static route on an Alcatel-Lucent 7750 SR?

- A. ping static 3.3.3.1
- B. ping static 0.0.0.0/0
- C. ping 3.3.3.1
- D. ping 0.0.0.0

**Answer: C**

4. A static route is created using the command "static-route 2.3.4.0/24 next-hop 1.2.3.4". What is the correct traceroute command to test this static route on an Alcatel-Lucent 7750 SR?

- A. traceroute 2.3.4.1
- B. traceroute 2.3.4.0/24 next-hop 1.2.3.4
- C. traceroute next-hop 1.2.3.4
- D. traceroute does not work on the Alcatel-Lucent 7750 SR

**Answer: A**

5. Which one of the commands below will create a static route to network 2.3.4.0/24 on the Alcatel-Lucent 7750 SR router?

- A. static route 2.3.4.0 255.255.255.0 next hop 3.4.5.6
- B. static-route next-hop 3.4.5.6 2.3.4.0/24
- C. static route 2.3.4.0/24 next hop 3.4.5.6
- D. static-route 2.3.4.0/24 next-hop 3.4.5.6

**Answer: D**

6. A default route for a client is also known as the:

- A. Default path

- B. Default gateway
- C. Gateway path
- D. Proxy ARP

**Answer: B**

7. What is the default preference value for a static route in the Alcatel-Lucent 7750 SR router?

- A. 0
- B. 5
- C. 10
- D. 15

**Answer: B**

8. What command could be used to verify proper configuration of a static route in an Alcatel-Lucent 7750 SR router?

- A. show route-table
- B. show router routing-table
- C. show router route-table
- D. show static

**Answer: C**

9. What address is used when RIPv2 uses multicast to send its updates?

- A. 224.0.0.5
- B. 224.0.0.6
- C. 224.0.0.9
- D. 224.0.0.10
- E. RIPv2 does not have support for multicast

**Answer: C**

10. What is the metric and maximum routable value for RIP?

- A. Hop count and 16
- B. Hop count and 15
- C. Link cost and 15
- D. Link cost and 16

**Answer: B**

11. What modes of authentication are supported for RIPv2 on the Alcatel-Lucent 7750 SR?

- A. RIPv2 supports basic and MD5 authentication only.
- B. RIPv2 supports password and MD5 authentication only.
- C. RIPv2 does not support authentication, password and MD5 authentication.
- D. RIPv2 does not support authentication.

**Answer: C**

12. Which of the following is NOT a characteristic of RIPv1?:

- A. 30 second network updates
- B. Classless routing
- C. Broadcast advertisement
- D. Poison Reverse

**Answer: B**

13. 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.

**Answer: B**

14. Identify two attributes of Distance Vector Protocols: (Choose two)

- A. Use split horizon by default.
- B. Send information about directly connected links to neighbors at periodic intervals.
- C. Use holddown timers when topologies change to allow for convergence.
- D. Maintain multiple databases: neighbor, topology and routing.

**Answer: AC**

15. Choose the Distance Vector Protocols from the list below:

- A. OSPF
- B. RIPv1
- C. RIPv2
- D. IS-IS

**Answer: BC**

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