

**Exam : Alcatel Lucent 4A0-102**

**Title : Alcatel-Lucent Border  
Gateway Protocol**

**Version : Demo**

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1. Which of the following are Link State protocols?

- A. BGP
- B. RIP
- C. OSPF
- D. IS-IS

**Answer:** CD

2. ECMP supports which of the following. Choose the best answer.

- A. 8 equal-cost paths per destination learned from any protocol
- B. 16 equal-cost paths per destination learned from any protocol
- C. 8 equal-cost paths per destination learned from the same protocol and preference
- D. 16 equal-cost paths per destination learned from the same protocol and preference
- E. 4 equal-cost paths per destination

**Answer:** D

3. Which of the following statements best describes the function of the RTM?

- A. From the router's route table, select the best routes to be installed in the FIB for forwarding data.
- B. Based on the metrics of the routing protocol, chose the lowest cost route to be installed in the route table.
- C. Apply the BGP route selection criteria to select the best route to be installed in the route table.
- D. Select the preferred route from the various routing protocols to be installed as the active route in the route table.
- E. Apply the assigned import and export policies to determine the routes to be advertised to the router's neighbors.

**Answer:** D

4. What items are carried in a typical classless routing update? Select the best answer.

- A. network address, mask and metric
- B. network address and metric

- C. prefix and mask
- D. prefix, next-hop and metric
- E. prefix and next-hop

**Answer: A**

5. Choose the most accurate statement about the connections between eBGP peers.

- A. eBGP peers are usually directly connected to each other.
- B. eBGP peers are always directly connected to each other.
- C. eBGP peers are never directly connected to each other.
- D. eBGP peers are usually directly connected to each other, unless they are in the same autonomous system.
- E. eBGP peers are usually not directly connected to each other, additional configuration is required if they are.

**Answer: A**

6. What message is issued by a neighbor as a response to a valid Open?

- A. Keepalive
- B. Open
- C. Exchange
- D. Notification
- E. Ping

**Answer: A**

7. Which of the following is not exchanged in a BGP Open message?

- A. BGP version number
- B. The local AS number
- C. The hold time
- D. The keepalive timer
- E. The Router ID

**Answer: D**

8. The state of one BGP neighbor shows Established, which of the following is false?

- A. The router has established a complete session with that neighbor.
- B. BGP can exchange update, notification and keepalive messages with that neighbor
- C. If the keepalive timer expires, the local system sends a keepalive message and restarts its keepalive timer
- D. If the local system receives a notification message, it changes its state to OpenConfirm
- E. Established is the operational state

**Answer: D**

9. Which of the following is a Well Known Mandatory attribute?

- A. Origin Code
- B. Local Preference
- C. MED
- D. AS Path
- E. (a) and (d)
- F. (b) and (d)

**Answer: E**

10. Which of the following is true, based on the AS Path list shown here?

65206 65111 65100

- A. AS 65206 originated the route
- B. AS 65111 is a transit AS
- C. AS 65100 is a transit AS
- D. AS 65100 originated the route
- E. (b) and (d)
- F. (a) and (c)

**Answer: E**

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