

DUMPS ARENA

**HCNP-R&S-IERN (Huawei Certified Network
Professional-Implementing Enterprise Routing
Network)**

Huawei H12-221

Version Demo

Total Demo Questions: 15

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QUESTION NO: 1

Which of the following protocols support default route advertisement? (Select 3 answers)

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

ANSWER: A B C

QUESTION NO: 2

According to BGP route selection rules, a local route that is automatically summarized takes precedence over a local route that is manually summarized.

- A. TRUE
- B. FALSE

ANSWER: B

QUESTION NO: 3

Which of the following statements regarding multicast MAC addresses are true (Select 3 answers)

- A. The high-order 24 bits of a multicast MAC address are 0x01005e while the low-order 23 bits of a multicast MAC address are the low-order 23 bits of a multicast IP address.
- B. One multicast MAC address can map 32 different IP multicast addresses.
- C. Multicast MAC addresses are used in the link layer to identify receivers that are in the same multicast group.
- D. One multicast MAC address can map only one IP multicast address.

ANSWER: A B C

QUESTION NO: 4

If the value of hold timers in the Open messages sent by Peer A and Peer B are 180s and 90s respectively, then what is the interval at which the Keepalive messages are sent after a BGP connection is established between these two peers?

- A. 180s
- B. 90s
- C. 60s
- D. 30s

ANSWER: D

QUESTION NO: 5

Which of the following statements regarding a multicast distribution tree are true? (Select 3 answers)

- A. Multicast distribution trees are classified into two types: SFT and RPT.
- B. The PIM-SM protocol can generate both RFTs and SPTs.
- C. The PIM-55M protocol can generate only SFTs.
- D. The PIM-DM protocol can generate both RFTs and SFTs.

ANSWER: A B C

QUESTION NO: 6

Which of the following BGP attributes can prevent routing loops? (Select 3 answers)

- A. Originator_ID
- B. Aggregator
- C. Cluster_List
- D. AS-Path

ANSWER: A C D

QUESTION NO: 7

A Router ID is optional in the OSPF configuration.

- A. TRUE

B. FALSE

ANSWER: B

QUESTION NO: 8

A company has four departments. Department A has 80 PCs, Departments B and C both have 20 PCs, and Department D has 30 PCs. Assuming the IP address 192.168.1.0/x is used, which of the following statements are true if the VLSM technology is employed for subnetting? (Select 2 answers)

- A.** Plan subnet 192.168.1.0/25 for Department
The range of host addresses is 1 to 126.
- B.** Plan subnet 192.168.1.128/27 for Department
The range of host addresses is 129 to 159.
- C.** Plan subnet 192.168.1.160/27 for Department
The range of host addresses is 161 to 190.
- D.** Plan subnet 192.168.1.192/27 for Department
The range of host addresses is 192 to 222.

ANSWER: A C

QUESTION NO: 9

Whenever changes occur in the BGP routing table, a BGP Speaker advertises all the optimal routes in the BGP routing table to its peers.

- A.** TRUE
- B.** FALSE

ANSWER: B

QUESTION NO: 10

A OSPF network may be structured, or subdivided into routing areas. Such routing areas are a set of network segments.

- A.** TRUE
- B.** FALSE

ANSWER: A**QUESTION NO: 11**

dis igmp group verbose IGMP interface group report information Ethernet6/1/0(10.1.1.1):

Total 1 IGMP Group reported

Group: 225.0.0.1

Uptime: 00:09:03

Expires: 00:02:09

Last reporter: 10.1.1.30

Last-member-query-counter: 0

Last-member-query -timer-expiry: off

Group mode: exclude

Version1-host-present-timer-expiry: off

Version2-host-present-timer-expiry: 00:02:09

The preceding information is generated after a router receives a Report message from group 225.0.0.1 through Ethernet 6/1/0. Which type of Report message will not be processed by the router?

- A. IS_IN
- B. ALLOW
- C. BLOCK

ANSWER: C**QUESTION NO: 12**

Which of the following routers have multicast routing entries even when there is no receiver on the network? (Select 2 answers)

- A. Source's DR
- B. Receiver router
- C. Intermediate router
- D. RP

ANSWER: A D**QUESTION NO: 13**

Which of these addresses are reserved for use by multicast applications?

- A. Class A
- B. Class B
- C. Class E
- D. Class D

ANSWER: D**QUESTION NO: 14**

The defined route-policy set-cost configurations are: ip ip-prefix 1 permit 10.1.0.0 16 route-policy Set-cost permit node 10
if-match ip-prefix 1 apply cost 300
route-policy Set-cost permit node 20
apply cost 200

Which of the following statements is true?

- A. The route 10.1.0.0/16 matches node 10 and its cost is set to 300.
- B. The route 10.1.0.0/16 matching node 10 also matches node 20 and its final cost is set to 200.
- C. Costs of all routes will be set to 200.
- D. All routes that fail to match node 10 will be denied.

ANSWER: A**QUESTION NO: 15**

Which methods can be used to import local routes into BGP? (Select 2 answers)

- A. Run the network command,
- B. Receive routes from peers.
- C. Run the summary automatic command.

D. Run the import command.

ANSWER: A D

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