



Vendor: Huawei

Exam Code: H12-221

Exam Name: HCIP-Routing & Switching-IERS

Version: DEMO

QUESTION 1

In VRP, by default, a BGP router does not automatically send a refresh packet to its BGP peers for retransmitting an Update packet after the inbound routing policy of the BGP peers changes.

- A. TRUE
- B. FALSE

Answer: B

QUESTION 2

The vlink-peer command is used to specify a peer IP address for setting up a virtual link.

- A. TRUE
- B. FALSE

Answer: B

QUESTION 3

ACL rules are matched based on the configured order only.

- A. TRUE
- B. FALSE

Answer: B

QUESTION 4

A company reserves the network segment 172.29.100.0/26 for some remote small-scale sites. Each site has 5 IP devices to connect to this network segment. Which of these Variable Length Subnet Masks (VLSMs) can be used to accommodate the need for minimum number of hosts?

- A. /27
- B. /28
- C. /29
- D. /30

Answer: C

QUESTION 5

How does a BGP router process a received route whose next hop is unreachable?

- A. The BGP router sends an error message to the router that has sent the update message.
- B. The BGP router accepts the route and adds it to the BGP routing table. This route, however, is neither preferred nor added to the IP routing table for packet forwarding.
- C. The BGP router refuses the route.
- D. The BGP router accepts the route and adds it to the BGP routing table. This route participates in route selection and may be selected as the optimal route to be added to the IP routing table for packet forwarding.

Answer: B

QUESTION 6

Which of the following statements regarding comparison between ACL and IP-Prefix are true?
(Select 2 answers)

- A. Both ACL and IP-Prefix can perform route filtering
- B. Both ACL and IP-Prefix can perform data packet filtering
- C. ACL can perform data packet filtering and route filtering, but IP-Prefix can only perform route filtering
- D. IP-Prefix can perform data packet filtering and route filtering, but ACL can only perform route filtering

Answer: AC

QUESTION 7

One route-policy may have several nodes with each node containing a node ID. Each node may also have multiple "if-match" and "apply" clauses. Which of the following statements are true?
(Select 2 answers)

- A. Different nodes are in an OR relationship.
- B. Different nodes are in an AND relationship.
- C. If-match clauses of a node are in an AND relationship,
- D. If-match clauses of a node are in an OR relationship.

Answer: AC

QUESTION 8

A failure in establishing a BGP connection can be addressed by checking the TCP connectivity and BGP peer configurations.

- A. TRUE
- B. FALSE

Answer: B

QUESTION 9

What are the advantages of subnetting? (Select 2 answers)

- A. Isolating broadcast traffic
- B. Improving network QoS
- C. Increasing the IP address usage
- D. Improving network reliability

Answer: AC

QUESTION 10

Which of the following BGP attributes are well known mandatory attributes? (Select 3 answers)

- A. ORIGIN
- B. AS_PATH
- C. NEXT_HOP
- D. MED
- E. LOCAL_PREF
- F. COMMUNITY

Answer: ABC

QUESTION 11

Which of the following BGP attributes cannot be advertised to other neighboring AS?

- A. LOCAL_PREF
- B. AS_PATH
- C. COMMUNITY
- D. ORIGIN

Answer: A

QUESTION 12

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: ACD

QUESTION 13

OSPF directly runs over the IP protocol as protocol number 89.

- A. TRUE
- B. FALSE

Answer: A

QUESTION 14

Which of the following BGP attributes is an optional transitive attribute?

- A. ORIGIN
- B. AS_PATH
- C. NEXT_HOP
- D. MED
- E. LOCAL_PREF
- F. COMMUNITY

Answer: F

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