Huawei

H12-221

Huawei Certified Network Professional-Implementing Enterprise Routing Network

http://killexams.com/exam-detail/H12-221
QUESTION: 208
Which of the following statements is false?

A. The Type-1 external metric is the sum of the external metric and the internal cost to reach an ASBR.
B. The Type-2 external metric uses only the AS external metric.
C. The metric of an external route is the sum of the AS external metric and the AS internal metric.
D. The effects of setting Forwarding Address to a non-zero value is that the next hop of the external route imported into OSPF is within the OSPF routing area.

Answer: C

QUESTION: 209
If both the ospf cost and reference-bandwidth are configured on an interface, the value set by the ospf cost command is used as the cost of the interface.

A. TRUE
B. FALSE

Answer: A

QUESTION: 210
Which of the following routes match the ACL filter given below?(Select 2 answers)
"acl number 2001
rule 0 permit source 1.1.1.0 0.0.254.255"

A. 1.1.1.1/32
B. 1.1.2.1/32
C. 1.1.3.1/32
D. 1.1.4.1/32

Answer: A, C

QUESTION: 211
Once a BGP connection is established, a BGP speaker advertises all the optimal routes in the BGP routing table to its peers.
A. TRUE
B. FALSE

Answer: A

**QUESTION:** 212
Which of these statements is true when configuring MD5 authentication between BGP peers?

A. All routers in the same AS must use the same MD5 password.
B. A pair of BGP peers must use the same MD5 password.
C. All BGP peers must use the same MD5 password.
D. Every BGP peer of a router must use a unique MD5 password.

Answer: B

**QUESTION:** 213
Which of the following are well-known communities attributes? (Select 3 answers)

A. NO_EXPORT (0xFFFFFFFF)
B. NO_ADVERT1SE (0xFFFFFFFF02)
C. NO_EXPORT_SUBCONFED
D. AS (2Byte): Number (2Byte)

Answer: A, B, C

**QUESTION:** 214
Which of the following statements regarding DR in PIM protocol are true? (Select 3 answers)

A. In DR election, the router with the lowest IP address is elected among the routers of the same DR priority.
B. A source's DR sends Register messages to an RP.
C. A receiver's DR is sends Join messages to a multicast source or an RP.
D. An Assert winner on a shared network segment may not be a DR.

Answer: B, C, D

**QUESTION:** 215
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: 216
Which statements regarding BGP route advertisement are true? (Select 2 answers)

A. All BGP routes learned from BGP peers are advertised to other BGP peers,
B. Only the routes learned from an IGP are advertised to other BGP peers.
C. By default, the routes learned from IBGP peers are not advertised to other IBGP peers,
D. Only the optimal routes are advertised to other BGP peers.

Answer: C, D

QUESTION: 217
Which statement about OSPF is false?

A. The router with a higher Router Priority has a higher DR election priority.
B. When two routers have the same Router Priority, the one with a larger value for Router ID has a higher DR election priority.
C. If a DR fails, the BDR automatically takes over as the DR and a new BDR is elected.
D. If a BDR fails, the DR will not take over as the BDR and waits for the fault recovery to handle the situation. No new BDR will be elected.

Answer: D

QUESTION: 218
RTA is a source's DR and RTB is an RP. A multicast source sends multicast data to RTA but RTB cannot find any information about the multicast source (registered by using the PIM Register message). Why? (Select 3 answers)
A. RTB has no unicast routes to RTA.
B. RTA fails to learn RP information.
C. RTA has no unicast routes to RTB.
D. The RP learned by RTA is not RTB.

**Answer:** B, C, D

**QUESTION:** 219
Which statements about OSPF packets are true? (Select 3 answers)

A. Hello packets can be sent after OSPF is enabled on an interface.
B. LS Request packets are sent only after an adjacency is established.
C. LS Update packets contain detailed LSA information for LSDB synchronization.
D. LS Update packets are sent only after an adjacency is established.

**Answer:** A, B, C

**QUESTION:** 220
Assume that the following commands are run to configure BGP timer keepalive 30 hold 90
peer 1.1.1.2 timer keepalive 10 hold 30 Which statements regarding the configuration are true? (Select 2 answers)

A. A global configuration is preferred. Therefore, the timer values for peer 1.1.1.2 are 
"keepalive 30 hold 90."
B. A peer configuration is preferred. Therefore, the timer values for peer 1.1.1.2 are 
"keepalive 10 hold 30."
C. The smaller value between the global and peer timer values is chosen. Therefore, the timer values for peer 1.1.1.2 are "keepalive 10 hold 30".
D. The default configuration is "timer keepalive 60 hold 180." Therefore, peer 1.1.1.2 can detect connection faults faster than the default configuration.

**Answer:** B, D

**QUESTION:** 221
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:** 222
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:** 223
Route filtering can filter not only routing information but also link-state information.

A. TRUE
B. FALSE

**Answer:** B

**QUESTION:** 224
Which of the following statements regarding the MED attribute are true? (Select 3 answers)

A. Based on BGP route selection rules, the MED has precedence over the AS_Path, Preferred-Value, Local-Preference, and Origin attributes.
B. The MED of a BGP route is 100 by default.
C. Generally, BGP compares only the MEDs of routes received from the same AS but if the "compare-different-as-med" command is configured, BGP can compare the MEDs of the routes received from multiple ASs.
D. the default MED value 0 on a BGP indicates that the route is not specified. If the bestroute med-none-as-maximum command is configured, the maximum MED value that can be set is 4294967295.

**Answer:** A, C, D
**QUESTION:** 225
In VRP, by default, the routes injected into the BGP are not automatically summarize:

A. TRUE
B. FALSE

**Answer:** A
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