

DUMPS ARENA

HCIE-R&S (Written) (Expert -Routing & Switching)

Huawei H12-261

Version Demo

Total Demo Questions: 15

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QUESTION NO: 1

OSPF is running on a network. In OSPF, what LSA type would only cause an Incremental SPF calculation?

- A. Type 3
- B. Type 4
- C. Type 1
- D. Type 2
- E. Type 5

ANSWER: A B E**QUESTION NO: 2**

When DLDLP detects a unidirectional fiber link, Huawei devices perform the following operations by default: The DLDLP state machine changes to the Disable state; a trap is generated; the interface is automatically blocked.

- A. TRUE
- B. FALSE

ANSWER: A**QUESTION NO: 3**

Which of the following combinations will provide the optimal solution for deploying a loop-free Layer 2 network?

- A. TRILL + MSTP
- B. Stack + link aggregation
- C. Link set + MSTP
- D. Stack + MSTP

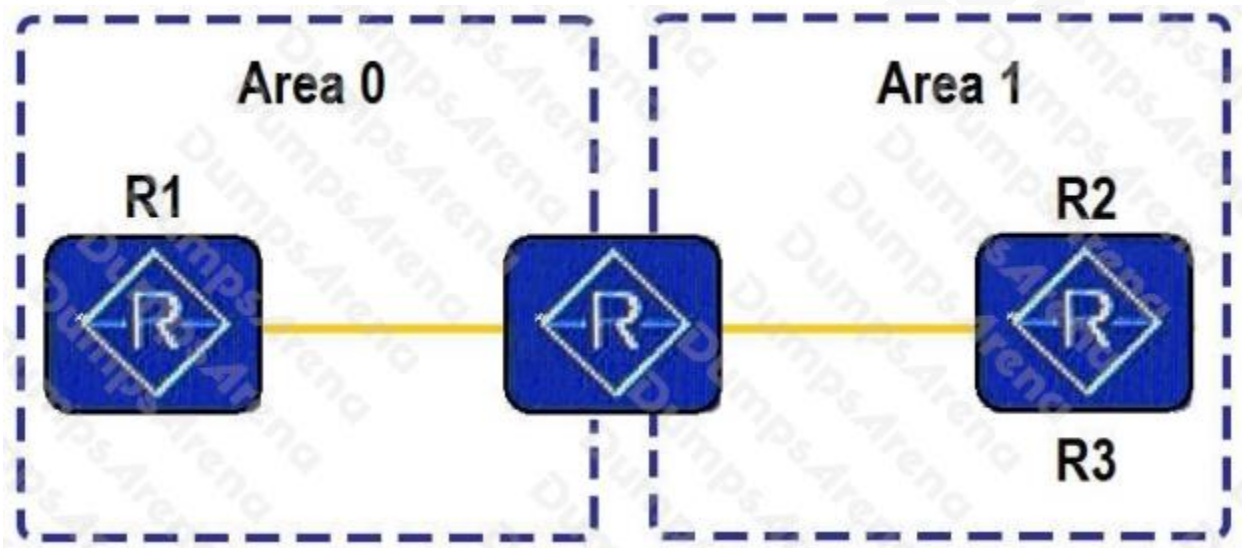
ANSWER: A**QUESTION NO: 4**

A (*,G) multicast entry is associated with which multicast type of feature within the HW IP multicast network?

- A. Shared tree
- B. Dense Mode
- C. Source tree
- D. Sparse Mode
- E. Dense Tree
- F. PIM bidirectional

ANSWER: A D F

QUESTION NO: 5



As shown in the following figure, R1, R2, and R3 run OSPF and advertise their loopback interface addresses into OSPF. Which of the following statements is false?

- A. The filter import command can be executed on R2 in Area 0 to filter loopback interface routes of R3.
- B. The filter-policy import command can be executed on R1 to filter loopback interface routes of R3.
- C. The filter export command can be executed on R2 in Area 1 to filter loopback interface routes of R3.
- D. The filter-policy export command can be executed on R2 to filter loopback interface routes of R3.

ANSWER: A

QUESTION NO: 6

If no area is divided, which of the following statements regarding the link-state routing protocol are true?

- A. Routers in the same routing domain may repeatedly receive the same link state information.
- B. Routers in the entire routing domain have the same LSDB.
- C. Each router establishes a routing domain topology.
- D. Each router learns routing entries from updated routing information and adds them to the routing table.
- E. The router sends all link state information from a neighbor to all other neighbors to ensure data synchronization in the database.

ANSWER: B**QUESTION NO: 7**

Which of the following statements regarding the processing of BPDUs in 802.1w and 802.1D is true?

- A. In 802.1D, the bridge only forwards the BPDUs received from the root bridge
- B. In 802.1w, the bridge only forwards the BPDUs received from the root bridge
- C. In 802.1D, the bridge does not forward BPDUs
- D. In 802.1w, the bridge does not forward BPDUs

ANSWER: B**QUESTION NO: 8**

On a BGP/MPLS Ipv4 VPN, OSPF, LDP, and static routes are configured. Which of the following protocols must be enabled with GR to achieve NSF on PEs?

- A. Static routes
- B. MPLS LDP
- C. OSPF
- D. BGP

ANSWER: B C D

QUESTION NO: 9

In an existing OSPF network, which types of LSAs cause the SPF calculation?

- A. Type 1 LSA
- B. Type 3 LSA
- C. Type 4 LSA
- D. Type 2 LSA
- E. Type 5 LSA

ANSWER: A D

QUESTION NO: 10

BGP can automatically summarize only routes with the Origin attribute being Incomplete.

- A. TRUE
- B. FALSE

ANSWER: A

QUESTION NO: 11

Which of the following statements are true about RIPng?

- A. RIPng does not have an authentication mechanism
- B. Each RIPng update packet contains a maximum of 25 routes
- C. RIPng supports MD5 authentication
- D. RIPng uses the link local address to send update packets
- E. RIPng supports a maximum of 32 hops

ANSWER: A D

QUESTION NO: 12

According to the figure shown and assuming that IPv6 is enable on ISIS process of all routers, R1, R2, and R3 establish Level-2 neighbor relationships. Which of the following statements regarding the IP routing table of R3 are true? (Choose all that apply.)



- A. 2019::/64 will be displayed in the IP routing table
- B. 2020::/64 will be displayed in the IP routing table
- C. 2021::/64 will be displayed in the IP routing table
- D. 2022::/64 will be displayed in the IP routing table

ANSWER: A B C

QUESTION NO: 13

To deploy multicast video applications on your private internal network, you need to use private multicast IP addresses on the network.

Which range of IP addresses can be used?

- A. 226.0.0.0 – 226.255.255.255
- B. 241.0.0.0 – 241.255.255.255
- C. 224.0.0.0 – 224.255.255.255
- D. 239.0.0.0 – 239.255.255.255

E. 240.0.0.0 – 254.255.255.255

ANSWER: D

QUESTION NO: 14

Which of the following statements is false about the DSCP field?

- A. When the DSCP value is EF, data is forwarded in expedited forwarding mode
- B. CS in DSCP classifies data based on eight priorities
- C. DSCP can represent the data priority as well as the packet drop probability
- D. The DSCP value can be 0. When the value is 0, the default packet forwarding mechanism is used

ANSWER: A

QUESTION NO: 15

Which of the following are found in a basic Network Layer Packet?

- A. Network Layer Header
- B. Path records
- C. Data Link Layer Header
- D. Upper Layer Data
- E. Network Layer Trailer

ANSWER: A D E