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Question 1

Question Type: MultipleChoice

IGMPV3 not only supports IGMPv1 General Query and IGMPv2 Group-Specific Query, and also IGMPv3 Source/Group-Specific Query.

Options:

A- TRUE

B- FALSE

Answer:

A

Question 2

Question Type: MultipleChoice

Which of the following statements regarding IGMPv1 and IGMPv2 are true?

Options:

A- 1GMPv2 supports only general query.

B- 1GMPv2 defines the Leave message type.

C- IGMPv1 does not define the IGMP Leave message type.

D- IGMPv1 supports general query.

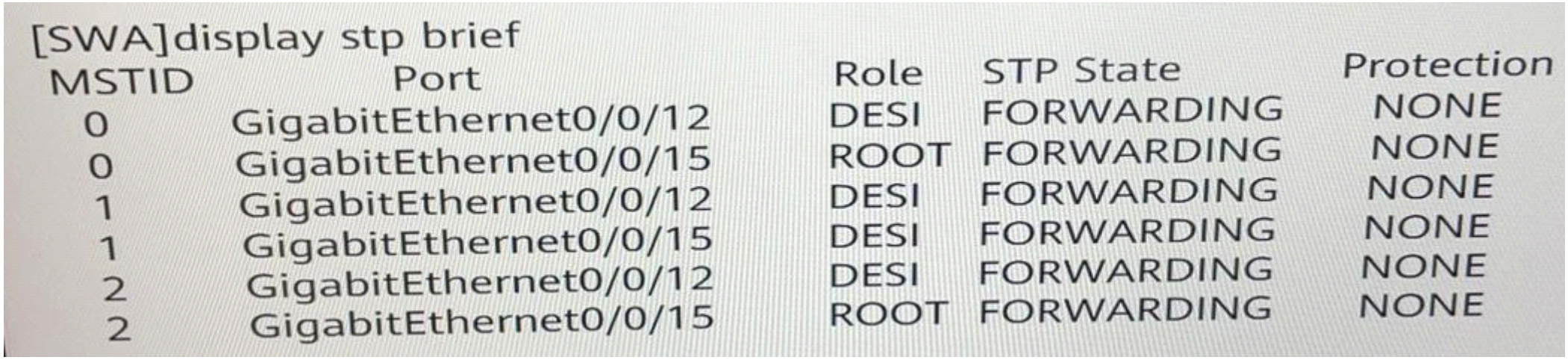
Answer:

D

Question 3

Question Type: **MultipleChoice**

A switch runs MSTP. The configuration is shown in the figure. What is the role of this switch in MSTI 1?



```
[SWA]display stp brief
 MSTID        Port                        Role  STP State     Protection
   0      GigabitEthernet0/0/12           DESI  FORWARDING    NONE
   0      GigabitEthernet0/0/15           ROOT  FORWARDING    NONE
   1      GigabitEthernet0/0/12           DESI  FORWARDING    NONE
   1      GigabitEthernet0/0/15           DESI  FORWARDING    NONE
   2      GigabitEthernet0/0/12           DESI  FORWARDING    NONE
   2      GigabitEthernet0/0/15           ROOT  FORWARDING    NONE
```

Options:

A- Uncertain

B- Root switch

C- Non-root switch

D- Secondary root switch

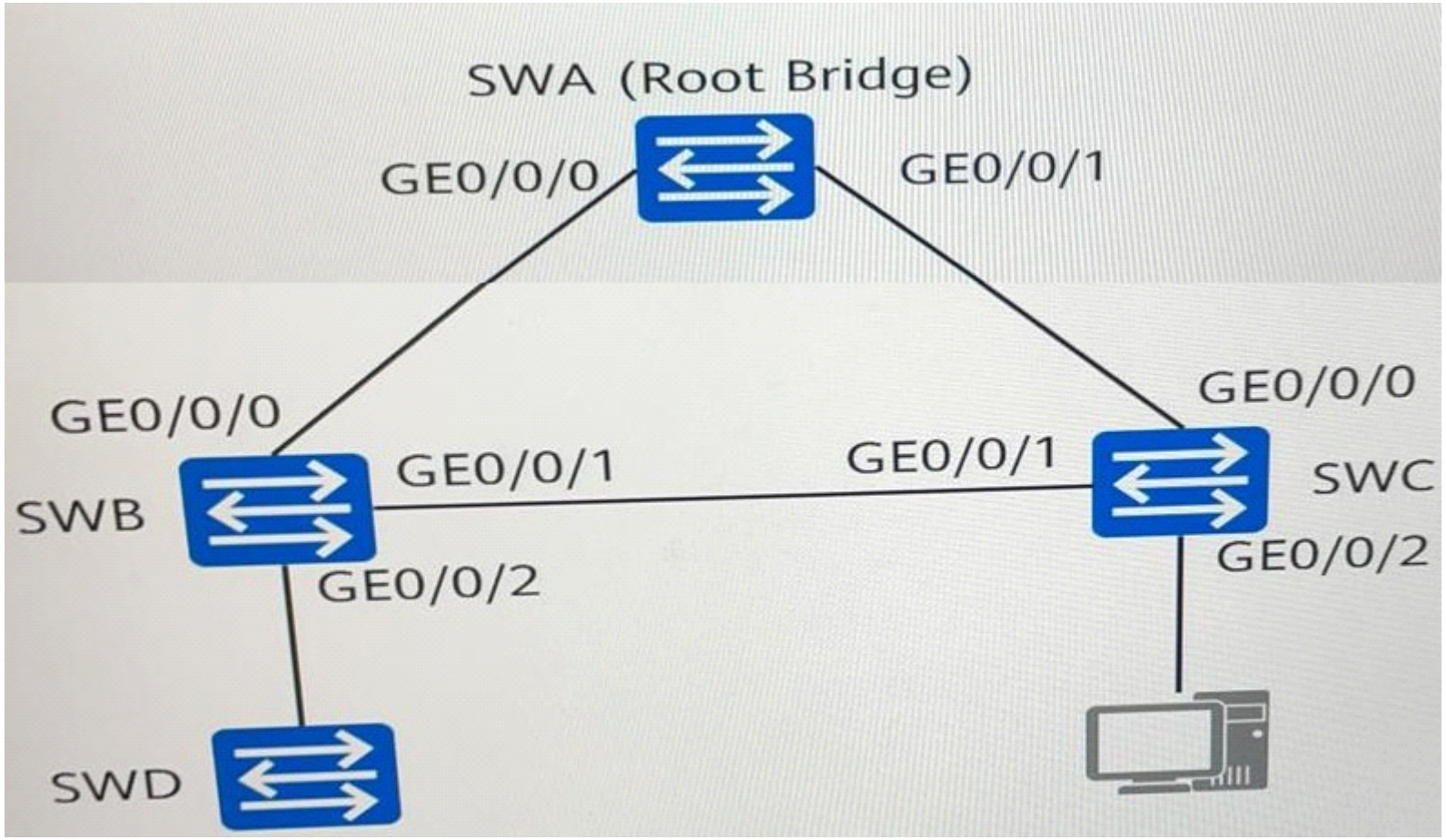
Answer:

A

Question 4

Question Type: MultipleChoice

As shown in the figure, SWA, SWB, SWC, and SWD run the Rapid Spanning Tree Protocol (RSTP). Which of the following statements are true?



Options:

A- Once receiving OPOUs, the edge port re-partlci pates in the calculation of the spanning tree.

B- After a port is Configured as an edge port, the port can quickly enter the Forwarding state.

C- You can enable the edge port on SWD's GEO/0/2 connected to the terminal so that this port can quickly enter the Forwarding state.

D- You can enable the edge port on SWC's GE0/0/2 connected to the terminal so that this port can quickly enter the forwarding state.

Answer:

B

Question 5

Question Type: MultipleChoice

Compared with STP, RSTP defines the different port states. Which of the following statements regarding discarding and learning states are true?

Options:

A- The port In discarding or learning state does not forward data frames.

B- The port in discarding state does not learn MAC addresses table.

C- The port in discarding or learning state does not learn MAC addresses

D- The port In learning stole docs not learn MAC addresses table.

Answer:

C

Question 6

Question Type: MultipleChoice

RSTP provides different functions in different scenarios. Which of the following statements Is false?

Options:

A- After TC-BPDU attack defense function is enabled, you can set the number of times the switch processes TC BPDUs within a certain period

B- The role of the designated port that is enabled with root protection cannot be changed

C- If the edge port on the switch enabled with BPDU protection receives RST BPDU, the switch sets the edge port as a non-edge-port

and triggers STP calculation

D- When the designated port enabled with root protection receives optimal RST BPDUs, the port enters the Discarding state and does not forward packets. If the port does not receive optimal RST BPDUs within a certain period of time, the port will automatically restore to the Forwarding state

Answer:

C

Question 7

Question Type: MultipleChoice

Which of the following statements regarding an IP prefix are true?

Options:

A- An IP prefix filter is used to filter IP address prefixes and cannot match an IP prefix number and a prefix length at the same time.

B- An IP prefix filter cannot be used to filter data packets.

C- An IP prefix filter is used to filter IP address prefixes and can match an IP prefix number and a prefix length at the same time.

D- An IP prefix filter can be used to filter data packets.

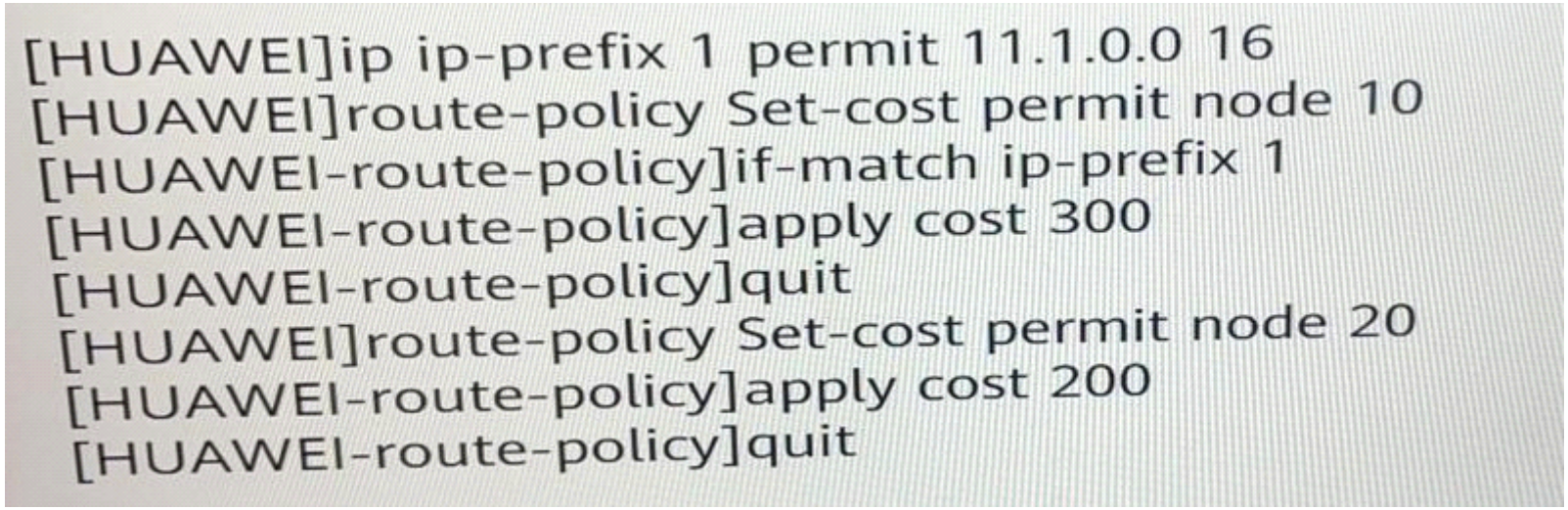
Answer:

D

Question 8

Question Type: MultipleChoice

Regarding the route-policy set-cost configuration below, which of the following statements is true?



Options:

A- The route 11.1.0.0/16 is permitted by node 10, and its tost Is set to 300.

B- The cost of all routes is set to 200.

C- All the routes that are not permitted by node 10 will be denied.

D- The route 11.1.0.0/16 will continue to match node 20 after permitted by node 10, and (he final cost is set to 200.

Answer:

A

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