

H12-224^{Q&As}

HCIP-Routing & Switching (Fast Track) V2.0

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QUESTION 1

The TCP SYN flood attack usually occurs during the TCP handshake process. How many handshakes are required to set up a TCP connection?

- A. 1
- B. 2
- C. 3
- D. 4

Correct Answer: C

QUESTION 2

Which of the following statements about the Smart Link group is false?

- A. A Smart Link group has two interfaces at most. The two interfaces if configured are an active interface and a standby interface.
- B. Among the two interfaces in a Smart Link group, one is in the active state and the other one in the standby state in normal situations.
- C. When the active interface goes down, the Smart Link group automatically blocks it and changes the status of the standby interface to active.
- D. When the active interface recovers from a fault, traffic will be switched back to it immediately.

Correct Answer: D

QUESTION 3

Which of the following items on the packing list need to be checked during unpacking and inspection? (Choose all that apply.)

- A. Part number
- B. Part model
- C. Number of parts
- D. Project name

Correct Answer: ABCD

QUESTION 4

Which statements regarding the PVID on the access interface are true? (Choose three.)

- A. If a packet without VLAN tag is received, the interface adds a VLAN tag to the packets and sets the VID as the default VLAN ID.
- B. If a packet with VLAN tag is received, the interface compares the VLAN ID in the tag with the default VLAN ID. If they are the same, the interface forwards the packets; otherwise, the interface discards the packets.
- C. When the interface sends a packet with a VLAN tag that contains the default VLAN ID, the system removes the VLAN tag of the packet, and then forwards the packet.
- D. PVID on access interface is set to 1 by default and can't be changed.

Correct Answer: ABC

QUESTION 5

Which statement about the VLAN on a Layer 2 switch is true?

- A. The CFI in the VLAN tag specifies whether the priority in the VLAN tag is valid.
- B. The VLAN tag is located in the Layer 2 header of a packet.
- C. The CFI in the VLAN tag contains two bits.
- D. A VLAN on the switch is a broadcast domain. The broadcast domains are separated.

Correct Answer: A

QUESTION 6

Which switching technology reduces the size of broadcast domain?

- A. VLAN
- B. Trunk
- C. RARP
- D. STP

Correct Answer: A

QUESTION 7

Which of the following statements regarding VLAN configuration are true? (Choose two.)

- A. You can enter the VLAN view and create a VLAN at the same time.
- B. Running undoVLANinvalidates the VLAN but the VLAN still exists. You do not need to recreate the VLAN to use it.

C. You can configure a description string of VLAN. The length of the string is unlimited.

D. If the VLAN ID is not entered when running the displayVLANcommand, all information about the VLAN will be displayed.

Correct Answer: AD

QUESTION 8

Which of the following statements regarding routing policies is true?

A. Routing policies control packet forwarding based on destination addresses in the routing table.

B. Routing policies are based on the forwarding plane and serve forwarding policies.

C. A routing policy needs to be manually configured hop by hop to ensure that packets are forwarded according to the policy.

D. A routing policy is configured using the policy-based route command.

Correct Answer: D

QUESTION 9

If the network address 172.29.100.0/16 is subnetted, which of the following valid VLSM subnets can be obtained?

A. 172.29.100.8/28

B. 172.29.100.32/28

C. 172.29.100.60/28

D. 172.29.100.104/28

Correct Answer: B

QUESTION 10

In the BGP routing table, if there are two BGP routes with the same destination address but different next hops, which statement about the two BGP routes is true?

A. Both BGP routes are advertised to other BGP peers.

B. Only the optimal route selected from the two BGP routes is advertised to other BGP peers.

Correct Answer: B

QUESTION 11

Which of the following rules should a network administrator obey when the network administrator uses the VLSM technology to plan subnets? (Choose three.)

- A. A subnet is composed of all summarized routes.
- B. A subnet can address a host or be further subnetted.
- C. The Update message of a routing protocol in use must carry subnet mask information.
- D. The summarized networks must have the same high-order bit.

Correct Answer: BCD

QUESTION 12

Which of the following statements about multicast MAC addresses are true? (Choose three.)

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

Correct Answer: ABC

QUESTION 13

Which of the following commands is used to display the detailed information about the Eudemon?

- A. Display firewall statistic system
- B. Display firewall session table raw both-direction
- C. Display firewall session table verbose
- D. Display firewall session table detail

Correct Answer: C

QUESTION 14

Which of the following statements about the device state change is correct after failure in the intermediate link for transmitting VRRP heartbeats?

- A. The status of the master and slave devices remains unchanged.
- B. Both the master and slave devices enter the Master state.

C. Both the master and slave devices enter the Slave state.

D. Both the master and slave devices enter the Initial state.

Correct Answer: B

QUESTION 15

What about all outgoing labels in the label forwarding table of a device for different routes with the same next hop?

A. They must be different.

B. They must be the same.

C. They may be the same.

Correct Answer: A

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