

Q 45 (20 points)

Q 46 (20 points)

Q 47 (20 points)

Q 48 (20 points)

Q 49 (20 points)

Q 50 (20 points)

Q 51 (20 points)

Q 52 (20 points)

Q 53 (20 points)

Q 54 (20 points)

Q 55 (20 points)

Q 56 (20 points)

Q 57 (20 points)

Q 58 (20 points)

Q 59 (20 points)

Q 60 (20 points)



true or false 1/60 Question

Arrow keys available to switch questions



1. When two static routes work as the primary and backup routes, the preference of the backup route can be changed to the same as that of the primary route so that the two routes become equal-cost routes.

True

False

Congratulations! Correct Answer: True

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**true or false** 10Q 1 (15 points) ■Q 2 (15 points) ■Q 3 (15 points) ■Q 4 (15 points) ■Q 5 (15 points) ■Q 6 (15 points) ■Q 7 (15 points) ■Q 8 (15 points) ■Q 9 (15 points) ■Q 10 (15 points) ■**Single-answer Question** 30Q 11 (15 points) ■Q 12 (15 points) ■Q 13 (15 points) ■

2. Static routes and OSPF routes can form equal-cost routes.

 True False**Congratulations! Correct Answer: False**[Previous](#)[Next](#)[Back](#)

true or false 10Q 1 (15 points) Q 2 (15 points) Q 3 (15 points) Q 4 (15 points) Q 5 (15 points) Q 6 (15 points) Q 7 (15 points) Q 8 (15 points) Q 9 (15 points) Q 10 (15 points) **Single-answer Question** 30Q 11 (15 points) Q 12 (15 points) Q 13 (15 points)

3. Switches can implement communication between homogeneous networks or communication between heterogeneous networks and isolate broadcast domains.

 True False

Sorry ! Correct Answer: False

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true or false 10Q 1 (15 points) Q 2 (15 points) Q 3 (15 points) **Q 4 (15 points)** Q 5 (15 points) Q 6 (15 points) Q 7 (15 points) Q 8 (15 points) Q 9 (15 points) Q 10 (15 points) **Single-answer Question** 30Q 11 (15 points) Q 12 (15 points) Q 13 (15 points)

4. After receiving a tagged frame from the peer device, an access port of a switch checks the VLAN ID of the frame. If the VLAN ID is the same as PVID of this port, the port accepts the frame and removes the tag from the frame.

 True False**Congratulations! Correct Answer: False**[Previous](#)[Next](#)[Back](#)

true or false 10Q 1 (15 points) Q 2 (15 points) Q 3 (15 points) Q 4 (15 points) **Q 5 (15 points)** Q 6 (15 points) Q 7 (15 points) Q 8 (15 points) Q 9 (15 points) Q 10 (15 points) **Single-answer Question** 30Q 11 (15 points) Q 12 (15 points) Q 13 (15 points)

5. During IP packet forwarding, the last-hop router forwards packets using the direct route.

 True False**Congratulations! Correct Answer: True**[Previous](#)[Next](#)[Back](#)

true or false 10Q 1 (15 points) Q 2 (15 points) Q 3 (15 points) Q 4 (15 points) Q 5 (15 points) Q 6 (15 points) Q 7 (15 points) Q 8 (15 points) Q 9 (15 points) Q 10 (15 points) **Single-answer Question** 30Q 11 (15 points) Q 12 (15 points) Q 13 (15 points)

6. As every two nodes in a full-mesh network are connected using cables, each node requires a large number of physical ports and connection cables, resulting in relatively high costs.

 True False

Congratulations! Correct Answer: True

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true or false 10Q 1 (15 points) Q 2 (15 points) Q 3 (15 points) Q 4 (15 points) Q 5 (15 points) Q 6 (15 points) Q 7 (15 points) Q 8 (15 points) Q 9 (15 points) Q 10 (15 points) **Single-answer Question** 30Q 11 (15 points) Q 12 (15 points) Q 13 (15 points)

7. The vlan batch 4 10 command is used to create VLAN 4 and VLAN 10.

 True False**Congratulations! Correct Answer: True**[Previous](#)[Next](#)[Back](#)

true or false 10Q 1 (15 points) Q 2 (15 points) Q 3 (15 points) Q 4 (15 points) Q 5 (15 points) Q 6 (15 points) Q 7 (15 points) Q 8 (15 points) Q 9 (15 points) Q 10 (15 points) **Single-answer Question** 30Q 11 (15 points) Q 12 (15 points) Q 13 (15 points)

8. SNMP is a standards-based network management protocol widely used on TCP/IP networks. It provides a method for managing NEs through a central computer that runs network management software, that is, a network management station (NMS). An SNMP NMS and SNMP agent communicate with each other through the TCP protocol.

 True False

Congratulations! Correct Answer: False

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true or false 10Q 1 (15 points) Q 2 (15 points) Q 3 (15 points) Q 4 (15 points) Q 5 (15 points) Q 6 (15 points) Q 7 (15 points) Q 8 (15 points) Q 9 (15 points) Q 10 (15 points) **Single-answer Question** 30Q 11 (15 points) Q 12 (15 points) Q 13 (15 points)

9. Software-defined networking (SDN) is a new type of network architecture originally proposed by the Clean Slate research team at Stanford University. SDN has three characteristics: forwarding-control separation, centralized control, and open programmable interfaces.

 True False

Congratulations! Correct Answer: True

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true or false 10Q 1 (15 points) Q 2 (15 points) Q 3 (15 points) Q 4 (15 points) Q 5 (15 points) Q 6 (15 points) Q 7 (15 points) Q 8 (15 points) Q 9 (15 points) Q 10 (15 points) **Single-answer Question** 30Q 11 (15 points) Q 12 (15 points) Q 13 (15 points)

10. The precision of telemetry-based traffic statistics collection can be measured in milliseconds.

 True False**Congratulations! Correct Answer: False**[Previous](#)[Next](#)[Back](#)

2、Frames transmitted on the trunk link between switches are all tagged.

- True
- False

Sorry ! Correct Answer: False

5、Network design and planning is the first phase of campus network construction.

- True
- False

Sorry ! Correct Answer: True



6. In an OSPF AS, a router can function as both an ABR and an ASBR.

- True
- False

Sorry ! Correct Answer: True

9、When a static route is configured on a router, the specified next-hop address must be an address on the directly connected network.

- True
- False

Sorry ! Correct Answer: False

10. The PVID of a trunk port on a switch may not be the ID of a VLAN that is allowed for the port.

- True
- False

Congratulations! Correct Answer: True



1. In STP, a non-root-bridge switch can have two root ports.

- True
- False

Congratulations! Correct Answer: False

5. FTP is a file transfer protocol and works in active or passive mode.

- True
- False

Congratulations! Correct Answer: True

6. Segment routing (SR) can be deployed with or without controllers.

- True
- False

Congratulations! Correct Answer: True

9、Specific routes can be summarized into a summary route only when they have the same next-hop address.

- True
- False

Congratulations! Correct Answer: True

**true or false**

10

Q 1 (15 points)

Q 2 (15 points)

Q 3 (15 points)

Q 4 (15 points)

Q 5 (15 points)

Q 6 (15 points)

Q 7 (15 points)

Q 8 (15 points)

Q 9 (15 points)

Q 10 (15 points)

Single-answer Question

30

Q 11 (15 points)

Q 12 (15 points)

Q 13 (15 points)

11. The process for an AP to go online is as follows: The AP sends a Join Request packet to an AC, which then authenticates the AP after receiving the packet. The AP gets managed after being successfully authenticated. Which of the following AP authentication methods is not supported by an AC?

- A. Non-authentication
- B. Serial number authentication
- C. Password authentication
- D. MAC address authentication

Sorry ! Correct Answer: C

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true or false 10Q 1 (15 points) ■Q 2 (15 points) ■Q 3 (15 points) ■Q 4 (15 points) ■Q 5 (15 points) ■Q 6 (15 points) ■Q 7 (15 points) ■ ◀Q 8 (15 points) ■Q 9 (15 points) ■Q 10 (15 points) ■**Single-answer Question** 30Q 11 (15 points) ■Q 12 (15 points) ■Q 13 (15 points) ■

12. The MAC address table of a switch is as follows:

00-01-02-03-04-AA G0/0/1

00-01-02-03-04-CC G0/0/3

A data frame with the destination MAC address 00-01-02-03-04-BB is received on G0/0/1, and another data frame with the destination MAC address 00-01-02-03-04-CC is received on G0/0/3. How does the switch process the two data frames?

- A. Floods the first frame and discards the second frame.
- B. Forwards the first frame and floods the second frame.
- C. Floods the first frame and forwards the second frame.
- D. Forwards the first frame and discards the second frame.

Congratulations! Correct Answer: A[Previous](#)[Next](#)[Back](#)

**true or false**

10

Q 1 (15 points)



Q 2 (15 points)



Q 3 (15 points)



Q 4 (15 points)



Q 5 (15 points)



Q 6 (15 points)



Q 7 (15 points)



Q 8 (15 points)



Q 9 (15 points)



Q 10 (15 points)

**Single-answer Question**

30

Q 11 (15 points)



Q 12 (15 points)



Q 13 (15 points)



13. How many bytes does an MPLS label contain?

 A. 1 byte B. 4 bytes C. 3 bytes D. 2 bytes**Congratulations! Correct Answer: B**[Previous](#)[Next](#)[Back](#)

true or false

10

- Q 1 (15 points) ■
- Q 2 (15 points) ■
- Q 3 (15 points) ■
- Q 4 (15 points) ■
- Q 5 (15 points) ■
- Q 6 (15 points) ■
- Q 7 (15 points) ■
- Q 8 (15 points) ■
- Q 9 (15 points) ■
- Q 10 (15 points) ■

Single-answer Question

30

- Q 11 (15 points) ■
- Q 12 (15 points) ■
- Q 13 (15 points) ■
- Q 14 (15 points) ■

Multiple choice single answer 14/60Question

Arrow keys available to switch questions



14. IPv6 addresses can be classified into three types based on IPv6 address prefixes. Which of the following is not an IPv6 address type?
- A. Broadcast address
 - B. Multicast address
 - C. Anycast address
 - D. Unicast address

Congratulations! Correct Answer: A[Previous](#)[Next](#)[Back](#)

- Q 1 (15 points)
 - Q 2 (15 points)
 - Q 3 (15 points)
 - Q 4 (15 points)
 - Q 5 (15 points)
 - Q 6 (15 points)
 - Q 7 (15 points)
 - Q 8 (15 points)
 - Q 9 (15 points)
 - Q 10 (15 points)
- Single-answer Question** 30
- Q 11 (15 points)
 - Q 12 (15 points)
 - Q 13 (15 points)
 - Q 14 (15 points)
 - Q 15 (15 points)

■ Answered ■ Pending

Multiple choice single answer 15/60Question

Arrow keys available to switch questions



15. Which of the following statements about STP and RSTP is false?

- A. There are three RSTP port states: Forwarding, Learning, and Blocking.
- B. RSTP is backward compatible with STP.
- C. RSTP converges faster than STP.
- D. There are five STP port states: Forwarding, Learning, Listening, Blocking, and Disabled.

Congratulations! Correct Answer: A

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- Q 2 (15 points)
- Q 3 (15 points)
- Q 4 (15 points)
- Q 5 (15 points)
- Q 6 (15 points)
- Q 7 (15 points)
- Q 8 (15 points)
- Q 9 (15 points)
- Q 10 (15 points)

Single-answer Question

30

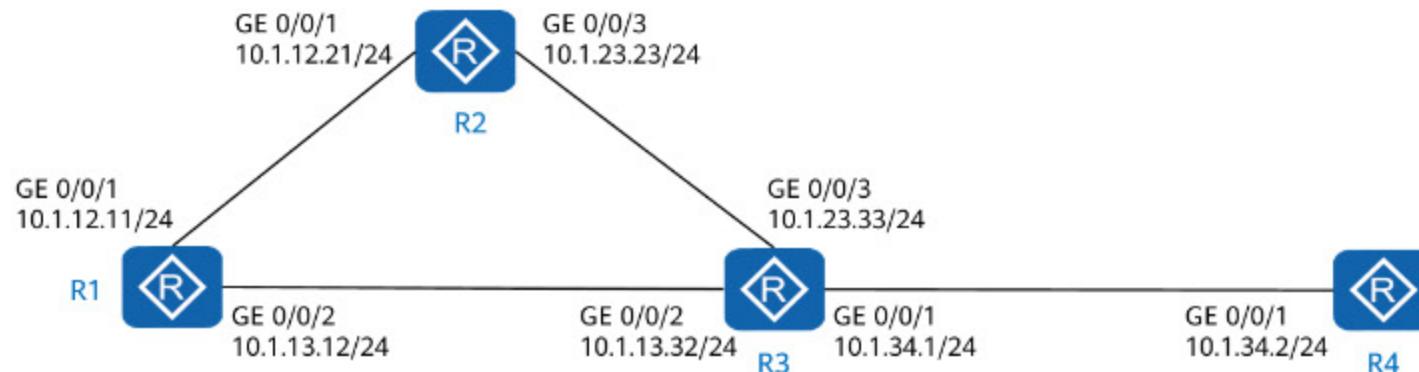
- Q 11 (15 points) A. The routing table of R1 contains only the OSPF route to the network segment 10.1.34.0/24, and the next hop of the route is 10.1.13.32.
- Q 12 (15 points) B. The routing table of R1 contains both the static route and OSPF route to the network segment 10.1.34.0/24.
- Q 13 (15 points) C. The routing table of R1 contains the OSPF route to the network segment 10.1.34.0/24, and the next hop of the route is 10.1.12.21.
- Q 14 (15 points) D. The routing table of R1 contains only the static route to the network segment 10.1.34.0/24.
- Q 15 (15 points)
- O 16 (15 points)

Multiple choice single answer 16/60Question

Arrow keys available to switch questions



16. As shown in the following networking, the interfaces connecting R1, R2, R3, and R4 are running OSPF, and are all in area 0. On R1, a static route to the network segment 10.1.34.0/24 is configured using the ip route-static 10.1.34.0 24 10.1.13.32 command. Which of the following statements is true?



- Q 3 (15 points) ■
- Q 4 (15 points) ■
- Q 5 (15 points) ■
- Q 6 (15 points) ■
- Q 7 (15 points) ■
- Q 8 (15 points) ■
- Q 9 (15 points) ■
- Q 10 (15 points) ■

Single-answer Question

Q 11 (15 points) ■

Q 12 (15 points) ■

Q 13 (15 points) ■

Q 14 (15 points) ■

Q 15 (15 points) ■

Q 16 (15 points) ■

Q 17 (15 points) ■

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Congratulations! Correct Answer: A

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- Q 4 (15 points)
- Q 5 (15 points)
- Q 6 (15 points)
- Q 7 (15 points)
- Q 8 (15 points)
- Q 9 (15 points)
- Q 10 (15 points)
- Single-answer Question 30**
- Q 11 (15 points)
- Q 12 (15 points)
- Q 13 (15 points)
- Q 14 (15 points)
- Q 15 (15 points)
- Q 16 (15 points)
- Q 17 (15 points)
- Q 18 (15 points)



Multiple choice single answer 18/60Question

Arrow keys available to switch questions



18. Which of the following is not a method for an AP to discover an AC address?
- A. DHCP
 - B. OSPF
 - C. Broadcast
 - D. DNS
 - E. Static configuration

Congratulations! Correct Answer: B

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- Q 5 (15 points) ■
 - Q 6 (15 points) ■
 - Q 7 (15 points) ■
 - Q 8 (15 points) ■
 - Q 9 (15 points) ■
 - Q 10 (15 points) ■
- Single-answer Question** 30
- Q 11 (15 points) ■
 - Q 12 (15 points) ■
 - Q 13 (15 points) ■
 - Q 14 (15 points) ■
 - Q 15 (15 points) ■
 - Q 16 (15 points) ■
 - Q 17 (15 points) ■
 - Q 18 (15 points) ■
 - Q 19 (15 points) ■

Multiple choice single answer 19/60Question

Arrow keys available to switch questions



19. Which of the following statements about edge ports is false?

- A. In normal situations, an edge port cannot receive configuration BPDU.
- B. In most cases, edge ports are directly connected to user terminals.
- C. It takes 15 seconds for an edge port to change from the Disabled state to the Forwarding state.
- D. If an edge port receives a configuration BPDU, it becomes a common STP port.

Congratulations! Correct Answer: C

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Q 6 (15 points)	■	Multiple choice single answer	20/60 Question	Arrow keys available to switch questions
Q 7 (15 points)	■			 
Q 8 (15 points)	■	20. A WLAN is constructed using wireless technologies. Which of the following statements about the WLAN networking is false?		
Q 9 (15 points)	■			
Q 10 (15 points)	■	<input checked="" type="radio"/> A. A virtual access point (VAP) is a service entity virtualized on an AP. All VAPs virtualized on the same AP has the same BSSID.		
Single-answer Question	30	<input type="radio"/> B. The basic service set identifier (BSSID) identifies a wireless network and is represented using the MAC address of an AP.		
Q 11 (15 points)	■	<input type="radio"/> C. A basic service set (BSS) indicates an area covered by an AP.		
Q 12 (15 points)	■	<input type="radio"/> D. The service set identifier (SSID) identifies a wireless network and is represented using a character string.		
Q 13 (15 points)	■			
Q 14 (15 points)	■			
Q 15 (15 points)	■			
Q 16 (15 points)	■			
Q 17 (15 points)	■			
Q 18 (15 points)	■			
Q 19 (15 points)	■			
Q 20 (15 points)	■			

Congratulations! Correct Answer: A

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- Q 7 (15 points) ■
- Q 8 (15 points) ■
- Q 9 (15 points) ■
- Q 10 (15 points) ■
- Single-answer Question** 30
- Q 11 (15 points) ■
- Q 12 (15 points) ■
- Q 13 (15 points) ■
- Q 14 (15 points) ■
- Q 15 (15 points) ■
- Q 16 (15 points) ■
- Q 17 (15 points) ■
- Q 18 (15 points) ■
- Q 19 (15 points) ■
- Q 20 (15 points) ■
- Q 21 (15 points) ■

Multiple choice single answer 21/60Question

Arrow keys available to switch questions



21. A router has the following four specific routes:

ip route-static 10.1.20.0 24 12.1.1.2
ip route-static 10.1.21.0 24 12.1.1.2
ip route-static 10.1.22.0 24 12.11.2
ip route-static 10.1.23.0 24 12.1.1.2

To summarize these specific routes, which of the following commands should be run?

- A. ip route-static 10.1.20.0 22 12.1.1.2
- B. ip route-static 10.1.16.0 21 12.1.1.2
- C. ip route-static 10.1.0.0 16 12.1.1.2
- D. ip route-static 10.1.20.0 23 12.1.1.2

Sorry ! Correct Answer: A

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Q 8 (15 points)

Q 9 (15 points)

Q 10 (15 points)

Single-answer Question

Q 11 (15 points)

Q 12 (15 points)

Q 13 (15 points)

Q 14 (15 points)

Q 15 (15 points)

Q 16 (15 points)

Q 17 (15 points)

Q 18 (15 points)

Q 19 (15 points)

Q 20 (15 points)

Q 21 (15 points)

Q 22 (15 points)



Multiple choice single answer 22/60Question

Arrow keys available to switch questions



22. What is the length range of an Ethernet frame?

A. 64 to 1500 bytes

B. 46 to 1500 bytes

C. 46 to 1518 bytes

D. 64 to 1518 bytes

Congratulations! Correct Answer: D

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Q 9 (15 points)

Q 10 (15 points)

Single-answer Question

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Q 11 (15 points)

Q 12 (15 points)

Q 13 (15 points)

Q 14 (15 points)

Q 15 (15 points)

Q 16 (15 points)

Q 17 (15 points)

Q 18 (15 points)

Q 19 (15 points)

Q 20 (15 points)

Q 21 (15 points)

Q 22 (15 points)

Q 23 (15 points)



Multiple choice single answer 23/60Question

Arrow keys available to switch questions



23. Which of the following states indicates that the neighbor relationship is stable between OSPF-enabled DR-other routers on a broadcast network?

- A. Two-way
- B. Loading
- C. Down
- D. Full

Congratulations! Correct Answer: A

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Q 10 (15 points)

Single-answer Question

Q 11 (15 points)

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Q 13 (15 points)

Q 14 (15 points)

Q 15 (15 points)

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Q 17 (15 points)

Q 18 (15 points)

Q 19 (15 points)

Q 20 (15 points)

Q 21 (15 points)

Q 22 (15 points)

Q 23 (15 points)

Q 24 (15 points)

30

Multiple choice single answer 24/60Question

Arrow keys available to switch questions

24. Which of the following statements is true about APs in WLAN networking?

- A. An AC must be deployed in WLAN networks.
- B. Fat APs need to work with an AC and are managed and configured by the AC in a unified manner.
- C. Typically, APs use PoE power to facilitate deployment.
- D. Fit APs can independently implement functions such as wireless user access, service data encryption, and service data packet forwarding.

Congratulations! Correct Answer: C

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Single-answer Question

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Multiple choice single answer 25/60Question

Arrow keys available to switch questions



Q 11 (15 points)



Q 12 (15 points)



Q 13 (15 points)



Q 14 (15 points)



Q 15 (15 points)



Q 16 (15 points)



Q 17 (15 points)



Q 18 (15 points)



Q 19 (15 points)



Q 20 (15 points)



Q 21 (15 points)



Q 22 (15 points)



Q 23 (15 points)



Q 24 (15 points)



Q 25 (15 points)



25. OSPF is configured on RTA, RTB, and RTC. GigabitEthernet 0/0/0 interfaces of these routers belong to area 0 and the network types of these interfaces are broadcast. The router ID of RTA is 1.1.1.1, and the DR priority of GigabitEthernet 0/0/0 on RTA is set to 0. The router ID of RTB is 2.2.2.2, and the DR priority of GigabitEthernet 0/0/0 on RTB is set to 255. The router ID of RTC is 3.3.3.3, and the DR priority of GigabitEthernet 0/0/0 on RTC is the default value.

Which of the following statements is true about the DR and BDR on the network?

- A. RTB functions as the DR, and RTA as the BDR.
- B. RTA functions as the DR, and RTB as the BDR.
- C. RTB functions as the DR, and RTC as the BDR.
- D. RTC functions as the DR, and RTB as the BDR.

Congratulations! Correct Answer: C

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Q 11 (15 points)

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Q 16 (15 points)

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Q 18 (15 points)

Q 19 (15 points)

Q 20 (15 points)

Q 21 (15 points)

Q 22 (15 points)

Q 23 (15 points)

Q 24 (15 points)

Q 25 (15 points)

Q 26 (15 points)



Multiple choice single answer 26/60Question

Arrow keys available to switch questions



26. Which of the following statements is false about Control and Provisioning of Wireless Access Points (CAPWAP)?

- A. CAPWAP is used to maintain the connectivity between APs and an AC.
- B. CAPWAP transmits two types of messages at the transport layer: service data traffic and management traffic.
- C. When tunnel forwarding is used, an AP exchanges data with an AC through a CAPWAP tunnel.
- D. CAPWAP is an application layer protocol based on TCP.

Congratulations! Correct Answer: D

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Q 12 (15 points)

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Q 20 (15 points)

Q 21 (15 points)

Q 22 (15 points)

Q 23 (15 points)

Q 24 (15 points)

Q 25 (15 points)

Q 26 (15 points)

Q 27 (15 points)



Multiple choice single answer 27/60Question

Arrow keys available to switch questions



27. Dynamic routing protocols can be classified into Interior Gateway Protocol (IGP) and Exterior Gateway Protocol (EGP) according to their working area. Which of the following protocols is an EGP?

A. IS-IS

B. BGP

C. OSPF

D. RIP

Congratulations! Correct Answer: B

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Q 13 (15 points)

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Q 21 (15 points)

Q 22 (15 points)

Q 23 (15 points)

Q 24 (15 points)

Q 25 (15 points)

Q 26 (15 points)

Q 27 (15 points)

Q 28 (15 points)

Q 29 (15 points)

Q 30 (15 points)

Q 31 (15 points)

Q 32 (15 points)

Multiple choice single answer 28/60Question

Arrow keys available to switch questions



28. SNMP is used to manage network devices. Refer to the following SNMP configuration on a Huawei device. Which of the following statements is false?

[~HUAWEI] display current-configuration | include snmp

snmp-agent

snmp-agent local-engineid 800007DB03001974593301

snmp-agent sys-info version v3

snmp-agent mib-view included iso-view iso

snmp-agent group v3 v3group privacy read-view iso-view write-view iso-view notify-view iso-view

snmp-agent usm-user v3 v3user

snmp-agent usm-user v3 v3user group v3group

snmp-agent usm-user v3 v3user authentication-mode sha cipher

%^%#&Ygn:NzQw;d>f=2+aJ;;=B\IM^"P1Hf/{L\$F9UW@%^%#

snmp-agent usm-user v3 v3user privacy-mode aes256 cipher %^%#Gc!*FAB;vL5_[a#9q9i7:*lj;q#

<P8MOf8@PJM0%^%#

- A. The encryption mode of the v3user user is SHA.
- B. The v3user user can access nodes in the subtree with iso as the root node.
- C. SNMPv3 is configured.
- D. SNMP packets will be encrypted using AES256.

Sorry ! Correct Answer: A

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Q 14 (15 points)

Q 15 (15 points)

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Q 22 (15 points)

Q 23 (15 points)

Q 24 (15 points)

Q 25 (15 points)

Q 26 (15 points)

Q 27 (15 points)

Q 28 (15 points)

Q 29 (15 points)



Multiple choice single answer 29/60Question

Arrow keys available to switch questions



29. In the same Ethernet network segment, five routers are running OSPF for interconnection. When the protocol status of all routers is stable, which of the following statements is true?

- A. There are routers of which all neighbor relationships are in 2-way state on the network.
- B. The neighbor status of a router on the network can only be Full or 2-way.
- C. The neighbor relationship between a DR router and another router can be Full or 2-way.
- D. The neighbor status of all routers is Full.

Sorry ! Correct Answer: B

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Q 25 (15 points)

Q 26 (15 points)

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Q 28 (15 points)

Q 29 (15 points)

Q 30 (15 points)



Multiple choice single answer 30/60Question

Arrow keys available to switch questions



30. In which of the following modes are DHCP Discover messages sent?

- A. Unicast
- B. Multicast
- C. Anycast
- D. Broadcast

Congratulations! Correct Answer: D

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Q 26 (15 points)

Q 27 (15 points)

Q 28 (15 points)

Q 29 (15 points)

Q 30 (15 points)

Q 31 (15 points)

Q 32 (15 points)



Multiple choice single answer 32/60Question

Arrow keys available to switch questions



32. If the PVID of a trunk port on a switch is 10 and the port trunk allow-pass vlan 7 9 command is configured on the port, which of the following statements is true?

- A. Data frames of VLANs 1, 7, 8, and 9 can be transmitted on a trunk link.
- B. Data frames of VLANs 7, 8, 9, and 10 can be transmitted on a trunk link.
- C. Data frames of VLANs 1, 7, and 9 can be transmitted on a trunk link.
- D. Data frames of VLANs 7, 8, and 9 can be transmitted on a trunk link.

Congratulations! Correct Answer: C

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Multiple choice single answer 33/60Question

Arrow keys available to switch questions



33. Which of the following is not a valid port role in RSTP?

- A. Root port
- B. Backup port
- C. Designated port
- D. Forwarding port

Congratulations! Correct Answer: D

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Multiple choice single answer 34/60 Question

Arrow keys available to switch questions



34. Which of the following commands can be used to check OSPF LSDB information on a Huawei device?

- A. display ospf peer
- B. display ospf routing
- C. display ospf lsdb
- D. display ospf brief

Congratulations! Correct Answer: C

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Multiple choice single answer 35/60Question

Arrow keys available to switch questions



35. The following shows partial OSPF neighbor information for a specific router:

OSPF Process 1 with Router ID 10.1.1.3

Neighbors

Area 0.0.0.0 interface 10.1.1.3(GigabitEthernet0/0/0)'s neighbors

Router ID: 10.1.1.1 Address: 10.1.1.1

State: Full Mode:Nbr is Slave Priority: 1

DR: 10.1.1.5 BDR: 10.1.1.1 MTU: 0

Dead timer due in 35 sec

Retrans timer interval: 5

Neighbor is up for 00:02:01

Authentication Sequence: [0]

Which of the following statements is false?

- A. The router ID of the OSPF process on the router is 10.1.1.3.
- B. The router is a DR-other router.
- C. The preceding information is about the neighbor relationship of the router and BDR router.
- D. The router is the slave router in the master-slave relationship.

Sorry ! Correct Answer: D

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Multiple choice single answer 36/60Question

Arrow keys available to switch questions



36. Refer to the following configuration on a switch:

[huawei]vlan batch 2 to 9 10

Which of the following statements is true about this command?

- A. VLANs 2, 9, and 10 will be created on the switch.
- B. VLANs 2 through 910 will be created on the switch.
- C. VLANs 2 to 10 will be created on the switch.
- D. The command is incorrect. As a result, the VRP will report an error when this command is run.

Congratulations! Correct Answer: C

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Q 36 (15 points)

Q 37 (15 points)



Multiple choice single answer 37/60Question

Arrow keys available to switch questions



37. An AC manages and controls APs in a centralized manner through CAPWAP tunnels. An AP sends a Discovery Request packet to find an available AC. Which of the following methods cannot be used by an AP to discover an AC?

- A. DNS
- B. DHCP
- C. Multicast
- D. Static configuration (manually specifying an AC)

Congratulations! Correct Answer: C

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Multiple choice single answer 38/60Question

Arrow keys available to switch questions



38. In the TCP/IP reference model, network layer protocols are responsible for sending packets from the source host to the destination host. Which of the following protocols is not a network layer protocol?

A. ICMP

B. IPv4

C. IGMP

D. PPP

Congratulations! Correct Answer: D

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Q 35 (15 points)

Q 36 (15 points)

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Q 39 (15 points)



Multiple choice single answer 39/60Question

Arrow keys available to switch questions



39. Various profiles are designed to facilitate the configuration and maintenance of WLAN functions and features. Which of the following statements about these profiles is false?

- A. Radio profiles are used to optimize radio parameters and control the in-service channel switching function.
- B. Regulatory domain profiles provide configurations of the country code, calibration channel set, and calibration bandwidth for APs.
- C. Only security profiles and SSID profiles can be bound to VAP profiles.
- D. VAP profiles provide differentiated WLAN services for users.

Sorry ! Correct Answer: C

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Q 37 (15 points)

Q 38 (15 points)

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Q 40 (15 points)

Multiple choice single answer 40/60Question

Arrow keys available to switch questions



40. The Point-to-Point Protocol (PPP) is a common data link layer protocol for wide area networks (WANs). Which of the following statements about PPP is false?

- A. PPP uses the Link Control Protocol (LCP) to negotiate link control layer parameters.
- B. The establishment of a PPP link goes through three phases: link layer negotiation, network layer negotiation, and authentication.
- C. If PPP uses password authentication mode, negotiation packets are transmitted in plain text, which is insecure.
- D. PPP supports the Password Authentication Protocol (PAP) and Challenge-Handshake Authentication Protocol (CHAP).

Congratulations! Correct Answer: B

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11. Refer to the following ACL configuration on a device. Which of the following statements is true?

```
#  
time-range satime 08:00 to 17:30 working-day  
#  
acl number 3002  
rule 5 permit ip source 10.164.2.0 0.0.0.255 destination 10.164.9.9 0.0.0.255 time-range satime
```

- A. This ACL is a user ACL according to the ACL classification rules.
- B. The ACL rule takes effect only on working days.
- C. This ACL is a basic ACL according to the ACL classification rules.
- D. All packets with the source IP addresses on the network segment 10.164.2.0/24 will be permitted by the device.

Congratulations! Correct Answer: B

12. When a ping command is run on a network device to check the network connectivity, which type of packet will be sent by the network device?

- A. ICMP
- B. IGMP
- C. UDP
- D. TCP

Congratulations! Correct Answer: A

13. NTP is a network protocol used to synchronize computer clocks with an NTP server. Which of the following statements about NTP is false?
- A. NTP packets are transmitted through UDP.
 - B. The stratum indicates the hierarchy for clock synchronization. The value 1 indicates the highest clock precision.
 - C. The master time server directly synchronizes with the standard reference clock through cables or radio signals.
 - D. NTP is a network layer protocol in the TCP/IP protocol suite.

Sorry ! Correct Answer: D

18. Which of the following port numbers is used by the Telnet protocol?

- A. 6
- B. 17
- C. 21
- D. 23

Congratulations! Correct Answer: D

19. Which of the following statements about BPDUs in STP is false?

- A. TCN BPDUs are triggered only when the network topology changes.
- B. BPDUs are classified into configuration BPDUs and TCN BPDUs.
- C. When the network topology becomes stable, all switches proactively send configuration BPDUs.
- D. A configuration BPDU contains parameters such as the bridge ID, path cost, and port ID.

Congratulations! Correct Answer: C

20. An IPv6 address is 128 bits long. Typically, an IPv6 address is represented by eight groups of 16-bit hexadecimal values separated by colons (:). Which of the following statements about IPv6 addresses is false?
- A. Each IPv6 interface must have a unique local address (ULA).
 - B. The IPv6 address with the prefix FE80::/10 is a link-local address (LLA).
 - C. There may be ULA conflicts in a global scope.
 - D. A global unicast address (GUA) is globally unique.

Sorry ! Correct Answer: A

21. The ping and tracert commands are used to check the network status. Which of the following statements about the ping and tracert commands is false?

- A. The ping -s source-ip-address destination-ip-address command is used to specify the source and destination IP addresses of ICMP Echo Request packets.
- B. The ping command can be used to check connectivity to a destination address.
- C. The tracert command can be used to check the gateways that packets pass through before reaching the destination.
- D. The source IP address of packets to be sent can be specified in the tracert command.

Congratulations! Correct Answer: A

22. What is the valid VLAN ID range?

- A. 0 to 4094
- B. 1 to 4095
- C. 0 to 4095
- D. 1 to 4094

Congratulations! Correct Answer: D

24. The establishment of an OSPF adjacency between devices involves four steps. Which of the following statements about these steps is true?
- A. The devices negotiate the master/slave relationship, establish bidirectional neighbor relationships, exchange LSAs, update LSAs, and synchronize their LSDBs.
 - B. The devices negotiate the master/slave relationship, exchange LSAs, establish bidirectional neighbor relationships, update LSAs, and synchronize their LSDBs.
 - C. The devices exchange LSAs, negotiate the master/slave relationship, establish bidirectional neighbor relationships, update LSAs, and synchronize their LSDBs.
 - D. The devices establish bidirectional neighbor relationships, negotiate the master/slave relationship, exchange LSAs, update LSAs, and synchronize their LSDBs.

Congratulations! Correct Answer: D

25. Python can be used to implement automatic network deployment, operation, and maintenance, reducing the dependence on human resources. This resolves the problems with traditional network O&M. Which of the following statements about Python is false?

- A. When a method is defined in a class, the method must carry a self keyword.
- B. A module is a saved Python file and usually does not have a main function.
- C. Two forward slashes (//) can be used to mark a single-line comment.
- D. A class is a collection of objects with the same attributes and methods.

Congratulations! Correct Answer: C

26. OSPF authentication enables a device to encrypt OSPF packets by adding an authentication field to the packets, ensuring network security. Which of the following statements about OSPF authentication is false?

- A. Area authentication applies to the packets received on all the interfaces in a specific area.
- B. The authentication modes of two OSPF neighbors must be the same, that is, both of them either use interface authentication or use area authentication.
- C. Interface authentication is configured in the interface view and applies to all the packets received on the interface.
- D. OSPF authentication is classified into area authentication and interface authentication.

Congratulations! Correct Answer: B

27. Which of the following packet types is used by OSPF to maintain neighbor relationships?

- A. LSR
- B. DD
- C. LSU
- D. Hello

Congratulations! Correct Answer: D

29. Which of the following lists the correct protocol layers of the TCP/IP reference model from bottom to top?
- A. Application layer, presentation layer, session layer, transport layer, network layer, data link layer, and physical layer
 - B. Physical layer, data link layer, network layer, transport layer, session layer, presentation layer, and application layer
 - C. Physical layer, data link layer, network layer, transport layer, and application layer
 - D. Application layer, transport layer, network layer, data link layer, and physical layer

Sorry ! Correct Answer: C

30. The Versatile Routing Platform (VRP) uses the file system to manage files and directories on a device. Which of the following commands can be used to check the current directory of a device?
- A. ls
 - B. pwd
 - C. dir
 - D. display dir

Sorry ! Correct Answer: B

33. The following shows the routing table of a specific router:

Destination/Mask	Proto	Pre	Cost	Flags	NextHop	Interface
172.16.1.0/24	OSPF	10	200	D	192.168.1.2	GigabitEthernet0/0/0
172.16.0.0/16	Static	5	0	RD	192.168.1.2	GigabitEthernet0/0/0
172.16.1.0/22	Static	80	0	RD	192.168.1.2	GigabitEthernet0/0/0

When data needs to be sent to the destination 172.16.1.1 through this router, which of the following routes is used?

- A. Static route 172.16.1.0/22 with a preference of 80 and cost of 0
- B. Static route 172.16.0.0/16 with a preference of 5 and cost of 0
- C. OSPF route 172.16.1.0/24 with a preference of 10 and cost of 200
- D. Both static routes because their cost values are the same

Congratulations! Correct Answer: C

36. The Network Configuration Protocol (NETCONF) provides a mechanism for managing network devices. Which of the following statements about NETCONF is false?
- A. Yet Another Next Generation (YANG) is a data modeling language that standardizes NETCONF data content.
 - B. NETCONF supports trial runs and rollback in case of errors.
 - C. NETCONF messages are formatted using either JSON or XML.
 - D. If YANG files are not integrated into a device, the device does not support NETCONF.

Congratulations! Correct Answer: C

37. Mastering the basic operations of the file system is crucial for network engineers to efficiently manage the configuration files and VRP system files of devices. Which of the following statements is true about these files?

- A. System software is mandatory for device startup and running. The common file name extension is .cfg.
- B. A patch file is a type of software compatible with the system software. The common file name extension is .zip.
- C. A configuration file stores configuration commands. The common file name extension is .cc.
- D. A PAF file effectively controls product features and resources. The common file name extension is .bin.

Sorry ! Correct Answer: D

21. OSPF has multiple types of protocol packets. These packets play different roles in the interaction between OSPF routers. Which of the following packets describes summary information about the local LSDB and is used to synchronize the LSDBs of two routers?

- A. Hello packet
- B. DD packet
- C. LSU packet
- D. LSR packet

Sorry ! Correct Answer: B

26. Which of the following statements about Fit AP+AC networking is true?

- A. The tunnel forwarding mode can reduce the forwarding pressure on the AC.
- B. A data tunnel and a control tunnel will be established between the AC and Fit AP.
- C. The AP version can be upgraded through HTTP.
- D. After a CAPWAP tunnel is established between the AC and Fit AP, keepalive packets are used to detect the status of the CAPWAP tunnel.

Congratulations! Correct Answer: B

29. Network Address Translation (NAT) translates the IP address in an IP packet header into another IP address. Which of the following is not an advantage of NAT?

- A. Alleviating the exhaustion of IP addresses
- B. Effectively preventing attacks from external networks and greatly improving network security
- C. Allowing the access of intranet hosts to external networks and the access of external hosts to intranets, and enabling communication between intranets and external networks
- D. Implementing accurate identification and control of packet flows on networks to control network access behavior, prevent network attacks, and improve network bandwidth efficiency

Sorry ! Correct Answer: D

Q 27 (15 points)



Q 28 (15 points)



Multiple choice multiple answer 41/60Question

Arrow keys available to switch questions



Q 29 (15 points)



41. A WLAN is a network that uses wireless signals such as radio waves, lasers, and infrared rays to replace the traditional media used for transmission on a wired LAN. Which of the following devices are commonly used on a WLAN?

Q 30 (15 points)



A. Fat AP

Q 31 (15 points)



B. Cloud AP

Q 32 (15 points)



C. Wireless access controller (AC)

Q 33 (15 points)



D. Fit AP

Q 34 (15 points)



Sorry ! Correct Answer: ABCD

Q 35 (15 points)



Q 36 (15 points)



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Multi-answer Question

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Q 41 (20 points)



Answered

Pending

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Q 40 (15 points)

Multi-answer Question

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Q 41 (20 points)

Q 42 (20 points)

Multiple choice multiple answer 42/60Question

Arrow keys available to switch questions



42. Refer to the following configuration on the VTY user interface 0. When a user logs in to the system through VTY 0, which of the following statements are true?

<HUAWEI> system-view

[~HUAWEI] user-interface vty 0

[~HUAWEI-ui-vty0] user privilege level 2

A. The user can use some display commands.

B. The user can use service configuration commands, including routing configuration commands.

C. The user can use the debugging command to diagnose service faults.

D. The user can use the ping and tracert commands.

Sorry ! Correct Answer: ABD

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Q 45 (20 points)

Q 46 (20 points)

Q 47 (20 points)

Multiple choice multiple answer 43/60Question

Arrow keys available to switch questions



43. When troubleshooting a spanning tree network fault, an administrator obtains the spanning tree status information of interface GE0/0/1 on a switch, shown as follows:

----[Port1(GigabitEthernet0/0/1)][FORWARDING]----

Port Protocol :Enabled

Port Role :Designated Port

Port Priority :128

Port Cost(Dot1T) :Config=100 / Active=100

Designated Bridge/Port :32768.4c1f-cc4f-26df / 128.1

Port Edged :Config=default / Active=disabled

Point-to-point :Config=auto / Active=true

Transit Limit :147 packets/hello-time

Protection Type :None

Port STP Mode :STP

Which of the following statements are true?

- A. The standard for calculating the path cost of the port is legacy standard.
- B. The default priority of the switch running the spanning tree protocol is 32767.
- C. The administrator has changed the path cost of the port by running the stp path cost command.
- D. The switch uses the default priority.

Congratulations! Correct Answer: CD

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Q 41 (20 points)

Q 42 (20 points)

Q 43 (20 points)

Q 44 (20 points)

Multiple choice multiple answer 44/60Question

Arrow keys available to switch questions



44. Which of the following statements are false about the forwarding behavior of access ports on a switch?

- A. When an access port of the switch receives a data frame carrying the same tag as the default VLAN ID of the port, the port accepts the frame.
- B. When an access port of the switch sends an untagged data frame, the port adds its default VLAN ID to the frame.
- C. When an access port of the switch receives an untagged data frame, the port adds its default VLAN ID to the frame.
- D. When an access port of the switch receives a data frame carrying the same tag as the default VLAN ID of the port, the port discards the frame.

Sorry ! Correct Answer: BD

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Q 43 (20 points)

Q 44 (20 points)

Q 45 (20 points)



Multiple choice multiple answer 45/60Question

Arrow keys available to switch questions



45. A router can advertise default routes in an OSPF area. Which of the following statements about OSPF default route advertisement are false?

- A. The preference of the advertised default route in the routing table is 10.
- B. After learning the default route advertised by the router, other routers in the same OSPF area as the router must add this route to their routing tables.
- C. The default-route-advertise command can be used to advertise a default route in an OSPF area only when the default route exists on the local device.
- D. If there is no default route on the local device, the default-route-advertise always command can be run to advertise a default route in an OSPF area.

Sorry ! Correct Answer: AB

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Multi-answer Question**20**

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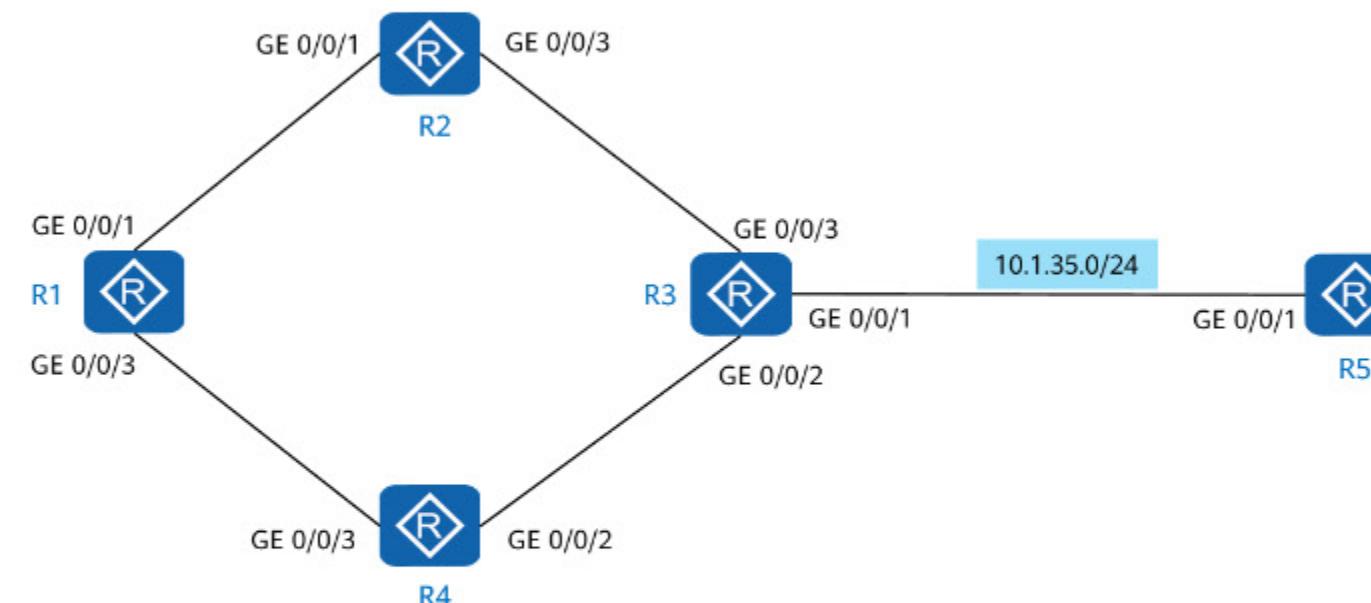
Q 50 (20 points)

Multiple choice multiple answer 46/60Question

Arrow keys available to switch questions



46. As shown in the following networking, the interfaces connecting R1, R2, R3, R4, and R5 are running OSPF, and are all in area 0. The routing table of R1 has two equal-cost routes to the destination 10.1.35.0/24. In order for the forwarding path R1 -> R4 -> R3 to be preferentially selected, which of the following configuration should be performed?



- A. Run the ospf cost 10 command on GE0/0/3 of R3.
- B. Run the ospf cost 10 command on GE0/0/1 of R2.
- C. Run the ospf cost 10 command on GE0/0/1 of R1.
- D. Run the ospf cost 10 command on GE0/0/3 of R2.

Sorry ! Correct Answer: CD

Q 38 (15 points)



Multiple choice multiple answer 51/60Question

Arrow keys available to switch questions



Q 39 (15 points)



51. An IPv6 address is 128 bits long. For convenience, IPv6 addresses can be abbreviated. For the IPv6 address 2001:0DB8:0000:1234:FB00:0000:5000:45FF, which of the following comply with the IPv6 address abbreviation rules?

Multi-answer Question**20**

Q 41 (20 points)

 A. 2001:0DB8:0:1234:FB00:0:5000:45FF

Q 42 (20 points)

 B. 2001:DB8:0:1234:FB00::5000:45FF

Q 43 (20 points)

 C. 2001:DB8:0:1234:FB00::5:45FF

Q 44 (20 points)

 D. 2001:DB8::1234:FB00:0:5000:45FF

Q 45 (20 points)

**Sorry ! Correct Answer: ABD**

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Q 52 (20 points)

Q 53 (20 points)



Multiple choice multiple answer 52/60Question

Arrow keys available to switch questions



52. PPP over Ethernet (PPPoE) is a link layer protocol that encapsulates PPP frames into Ethernet frames. Which of the following statements about PPPoE are true?

- A. A PPPoE client can terminate a PPPoE session in unicast mode.
- B. PPPoE is often used by home users and enterprise users to dial up for Internet access.
- C. A PPPoE client broadcasts a request for the required service information.
- D. PPPoE session establishment involves three stages: PPPoE discovery, session, and termination.

Congratulations! Correct Answer: ABCD

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Multi-answer Question

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Q 51 (20 points)

Q 52 (20 points)

Q 53 (20 points)

Q 54 (20 points)

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Multiple choice multiple answer 53/60Question

Arrow keys available to switch questions



53. ACLs are used to match and distinguish packets. Which of the following information can be used to define ACL rules?
- A. Source and destination IP addresses of IPv4 packets
 - B. VLAN ID
 - C. Protocol type of Ethernet frames
 - D. Source and destination MAC addresses

Sorry ! Correct Answer: ABCD

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Multiple choice multiple answer 54/60Question

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Q 50 (20 points)



Q 51 (20 points)



Q 52 (20 points)



Q 53 (20 points)



Q 54 (20 points)



Q 55 (20 points)



54. An administrator wants to allocate IP addresses in the network segment 172.16.4.32/29 to hosts. Which of the following IP addresses can be allocated to hosts?

- A. 172.16.4.35 255.255.255.248
- B. 172.16.4.32 255.255.255.240
- C. 172.16.4.33 255.255.255.248
- D. 172.16.4.34 255.255.255.240

Sorry ! Correct Answer: AC

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Q 41 (20 points)

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Q 43 (20 points)

Q 44 (20 points)

Q 45 (20 points)

Q 46 (20 points)

Q 47 (20 points)

Q 48 (20 points)

Q 49 (20 points)

Q 50 (20 points)

Q 51 (20 points)

Q 52 (20 points)

Q 53 (20 points)

Q 54 (20 points)

Q 55 (20 points)

Q 56 (20 points)



Multiple choice multiple answer 55/60Question

Arrow keys available to switch questions



55. Which of the following are possible causes for an AP's failure to go online?

- A. Network cables are not properly connected.
- B. The AC version does not match the AP version.
- C. PoE parameters are incorrectly configured on the PoE switch to which the AP is connected.
- D. The link between the AC and AP is not established.

Sorry ! Correct Answer: ABCD[Previous](#)[Next](#)[Back](#)

Q 41 (20 points)

Q 42 (20 points)

Q 43 (20 points)

Q 44 (20 points)

Q 45 (20 points)

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Q 49 (20 points)

Q 50 (20 points)

Q 51 (20 points)

Q 52 (20 points)

Q 53 (20 points)

Q 54 (20 points)

Q 55 (20 points)

Q 56 (20 points)

Q 57 (20 points)

Multiple choice multiple answer 56/60Question

Arrow keys available to switch questions



56. Which of the following statements about Layer 2 hybrid ports are true?

- A. When a tagged frame needs to be sent from a Layer 2 hybrid port of a switch and the VID in the tag of the frame is in the untagged VLAN ID list, the port removes the tag from the frame and then sends the untagged frame out on the link.
- B. When receiving an untagged frame on a link, a Layer 2 hybrid port adds a tag with the VID as its PVID to the frame and then forwards the frame.
- C. After receiving a tagged frame on a link, a Layer 2 hybrid port checks whether the VID in the tag of the frame is in the tagged or untagged VLAN ID list. If not, the port discards the frame.
- D. When a tagged frame needs to be sent from a Layer 2 hybrid port of a switch and the VID in the tag of the frame is in the tagged VLAN ID list, the port sends the frame out on the link without removing the tag from the frame.

Sorry ! Correct Answer: ACD

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Q 50 (20 points)

Q 51 (20 points)

Q 52 (20 points)

Q 53 (20 points)

Q 54 (20 points)

Q 55 (20 points)

Q 56 (20 points)

Q 57 (20 points)

Q 58 (20 points)



Multiple choice multiple answer 57/60Question

Arrow keys available to switch questions



57. The Domain Name System (DNS) protocol is used to resolve domain names to IP addresses. Which of the following elements constitute a complete domain name?

- A. Second-level domain name
- B. Root domain name
- C. Host name
- D. Top-level domain name

Sorry ! Correct Answer: ABCD

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Q 52 (20 points)

Q 53 (20 points)

Q 54 (20 points)

Q 55 (20 points)

Q 56 (20 points)

Q 57 (20 points)

Q 58 (20 points)

Q 59 (20 points)

Multiple choice multiple answer 58/60Question

Arrow keys available to switch questions



58. The concept of Network Functions Virtualization (NFV) was proposed by a group of network service providers to solve problems such as too much telecom network hardware, complex deployment and O&M, and difficult service innovation. Which of the following components are included in the standard NFV architecture?

A. OS

B. NFVI

C. MANO

D. VNF

Sorry ! Correct Answer: BCD

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Q 45 (20 points)

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Q 53 (20 points)

Q 54 (20 points)

Q 55 (20 points)

Q 56 (20 points)

Q 57 (20 points)

Q 58 (20 points)

Q 59 (20 points)

Q 60 (20 points)



Multiple choice multiple answer 60/60Question

Arrow keys available to switch questions



60. Refer to the following ACL configuration on a device. Which of the following statements are true?

acl number 2000

rule 5 deny source 10.1.1.1 0

rule 10 deny source 10.1.1.2 0

rule 15 permit source 10.1.1.0 0.0.0.255

- A. Packets with the source IP address 10.1.1.3 will be permitted by the device.
- B. All packets with the source IP address on the network segment 10.1.1.0/24 will be permitted by the device.
- C. Packets with the destination IP address 10.1.1.1 will be filtered out by the device.
- D. Packets with the source IP address 10.1.1.2 will be filtered out by the device.

Sorry ! Correct Answer: AD

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42. Which of the following parameters can be specified when an administrator configures an advanced ACL?

- A. Source and destination port numbers
- B. ICMP protocol type
- C. Source and destination IP addresses
- D. Source and destination MAC addresses

Sorry ! Correct Answer: ABC

46. Which of the following IP addresses are private IP addresses?

- A. 192.168.1.1/30
- B. 10.0.1.1/30
- C. 172.16.1.1/30
- D. 172.33.1.1/30

Congratulations! Correct Answer: ABC

48. The route preference is an indicator used by a router to compare routes of different routing protocols. Which of the following statements are true about the default preference of common routes?

- A. The default preference of a direct route is 0.
- B. The default preference of an OSPF internal route is 10.
- C. The default preference of a static route is 60.
- D. The default preference of an OSPF external route is 255.

Sorry ! Correct Answer: ABC

49. Network Address Translation (NAT) translates the IP address in an IP packet header into another IP address. Which of the following methods can implement NAT?

- A. Static NAT/NAPT
- B. Easy IP
- C. NAT Server
- D. Dynamic NAT

Sorry ! Correct Answer: ABCD

52. Which of the following are IPv6 address types?

- A. Anycast address
- B. Broadcast address
- C. Unicast address
- D. Multicast address

Congratulations! Correct Answer: ACD

53. In contrast with SNMPv1, which of the following operations are newly added to SNMPv2c?

- A. GetNextRequest
- B. SetRequest
- C. GetBulkRequest
- D. InformRequest

Congratulations! Correct Answer: CD

54. Which of the following statements about collision domains and broadcast domains are true?

- A. All devices connected to the same hub belong to the same collision domain.
- B. The Ethernet uses CSMA/CD to avoid collisions in collision domains.
- C. Each port of a switch connects to a collision domain.
- D. Each port of a router connects to a broadcast domain.

Sorry ! Correct Answer: ABCD

55. Which of the following statements about IP addresses and MAC addresses are true?

- A. IP addresses are unchangeable.
- B. MAC addresses are unchangeable.
- C. IP addresses are assigned based on the network topology.
- D. MAC addresses are assigned based on vendors.

Sorry ! Correct Answer: BCD

56. For the IPv6 address 2000:002A:0000:0000:000A:020C:023D, which of the following comply with the IPv6 address abbreviation rules?

- A. 2000:2A:0:0:A:20C:23D
- B. 2000:2A::A:20C:23D
- C. 2000:2A:0:0:0:A:2C:23D
- D. 2000:2A::A:2C:23D

Congratulations! Correct Answer: AB

57. IPv6 have many advantages over IPv4. Which of the following statements about these advantages are true?

- A. Supports the configuration of stateless address autoconfiguration (SLAAC) addresses.
- B. Uses gratuitous ARP to detect duplicate addresses.
- C. Provides a larger address space due to being 128 bits in length.
- D. Simplifies the packet header and supports new applications using extension headers.

Congratulations! Correct Answer: ACD

58. In OSPF, which of the following network types require the election of a DR and BDR?

- A. P2P
- B. NBMA
- C. P2MP
- D. BMA

Congratulations! Correct Answer: BD

45. Which of the following are the advantages of a VLAN?

- A. Limits broadcast domains.
- B. Improves network robustness.
- C. Enhances LAN security.
- D. Flexibly constructs virtual workgroups.

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Congratulations, you got it!

My Score: 20 Point(s)

Correct answer: ABCD

20. Refer to the following configuration on a Huawei router.

```
<huawei>system-view  
[huawei]user-interface maximum-vty 7
```

Which of the following statements is true?

- A. The router allows a maximum of seven users to log in concurrently through the asynchronous serial port.
- B. The router allows a maximum of seven users to log in concurrently through the console port.
- C. If a user forgets the system login password, the user will be locked out after seven consecutive failed login attempts.
- D. The router allows a maximum of seven users to log in concurrently through Telnet.

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✖ Wrong answer

My Score: 0 Point(s)

Correct answer: D

21. In STP, which of the following values cannot be set as the bridge priority?

- A. 8192
- B. 16384
- C. 22528
- D. 0

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Congratulations, you got it!

My Score: 15 Point(s)

Correct answer: C

39. A WLAN is constructed using wireless technologies. Which of the following are wireless network types based on the application scope?

- A. WWAN
- B. WMAN
- C. WLAN
- D. WPAN

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Congratulations, you got it!

My Score: 20 Point(s)

Correct answer: ABCD

45. Refer to the following configuration:

```
[huawei]interface eth-trunk 1
```

```
[huawei-Eth-Trunk1]undo portswitch
```

Which of the following statements about the undo portswitch command are true?

- A. This command enables a Layer 3 switch to support Layer 2 link aggregation.
- B. This command enables a router to support Layer 2 link aggregation.
- C. This command enables a router to support Layer 3 link aggregation.
- D. This command enables a Layer 3 switch to support Layer 3 link aggregation.

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Congratulations, you got it!

My Score: 20 Point(s)

Correct answer: CD

48. Which of the following statements about OSPF router IDs are true?

- A. The router ID of every device in an OSPF area must be unique. ✓
- B. router ID can be manually configured or automatically selected by a device. ✓
- C. To ensure protocol stability, it is recommended that the network administrator manually configure a router ID for an OSPF process. ✓
- D. device uses the smallest IP address configured on loopback interfaces as its router ID. If no loopback interface is configured, the device uses the smallest IP address configured on interfaces as its router ID.

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Congratulations, you got it!

My Score: 20 Point(s)

Correct answer: ABC

49. Which of the following are valid MAC address types?

- A. Multicast MAC address
- B. Broadcast MAC address
- C. Anycast MAC address
- D. Unicast MAC address

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Congratulations, you got it!

My Score: 20 Point(s)

Correct answer: ABD

54. A CAPWAP tunnel is established between the Fit AP and AC to transmit management traffic and service data traffic.

- True
- False

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 Wrong answer

My Score: 0 Point(s)

Correct answer: False

55. TFTP uses TCP to transfer files, and the default server port number is 21.

True

False

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 Wrong answer

My Score: 0 Point(s)

Correct answer: False

58. WLAN technology enables transmission of information by radio waves over the air. Currently, the 2.6 GHz and 5 GHz frequency bands are used.

- True
- False

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Congratulations, you got it!

My Score: 15 Point(s)

Correct answer: False

58. A hybrid port on a switch can connect to either a user host or a port on another switch.

True

False

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Congratulations, you got it!

My Score: 15 Point(s)

Correct answer: True

58. Segment routing (SR) provides an innovative traffic steering method. It divides a network path into segments and allocates segment IDs (SIDs) to these segments. The segments and nodes are sequentially arranged into a segment list to form a forwarding path.

True

False



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Congratulations, you got it!

My Score: 15 Point(s)

Correct answer: True

57. AAA is short for authentication, authorization, and application.

- True
- False

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Congratulations, you got it! My Score: 15 Point(s) Correct answer: False

49. Interfaces GE1/0/1 and GE1/0/0 on both switches CE1 and CE2 shown in the figure have the following configurations: interface GE1/0/1 undo shutdown port link-type access # interface GE1/0/0 undo shutdown port link-type trunk port trunk pvid vlan 2 #

Which of the following statements are true?



- A. The Ethernet uses CSMA/CD to avoid collisions in collision domains.
- B. Each port of a router connects to a broadcast domain.
- C. Each port of a switch connects to a collision domain.
- D. All devices connected to the same hub belong to the same collision domain.



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Congratulations, you got it!

My Score: 20 Point(s)

Correct answer: ABCD

41. Which of the following statements about OSPF areas are true?

A. OSPF areas can be classified into backbone areas and non-backbone areas.

✓

B. OSPF multi-area improves network scalability and facilitates the construction of large-scale networks.

✓

C. The OSPF multi-area design can reduce the LSA flooding scope.

✓

D. Route summarization can be performed at the border of two OSPF areas to reduce the size of the routing table.

✓

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Congratulations, you got it!

My Score: 20 Point(s)

Correct answer: ABCD

36. A host at 192.168.1.1/24 on an intranet wants to access a server at 160.131.20.1 on a public network. Refer to the following configuration on a gateway router:

```
[RTA]interface GigabitEthernet 0/0/0  
[RTA-GigabitEthernet0/0/0]nat outbound 2000
```

Which of the following statements are true?

- A. The address 192.168.1.1 will be translated into a public IP address in a public address pool.
- B. The administrator configures Easy IP.
- C. The address 192.168.1.1 will be translated into the public network address of the interface GigabitEthernet 0/0/0 on the gateway router. ✓
- D. The administrator configures the NAT Server. ✗

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✗ Wrong answer

My Score: 0 Point(s)

Correct answer: BC

47. Which of the following statements about Layer 2 and Layer 3 loops are true?

- A. The TTL field in the IP packet header can prevent Layer 2 loops.
- B. The Layer 2 frame header does not contain any information that can prevent data frames from being forwarded endlessly.
- C. If redundant links are deployed on the network, Layer 2 loops may occur.
- D. Layer 2 loop may occur if cables are incorrectly connected.

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Congratulations, you got it!

My Score: 20 Point(s)

Correct answer: BCD

51. Python can run in both interactive mode and non-interactive (script) mode.

True

False

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Congratulations, you got it!

My Score: 15 Point(s)

Correct answer: True



58. To prevent out-of-order packets, it is recommended that Eth-Trunk use flow-based load balancing.

True



False

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Congratulations, you got it!

My Score: 15 Point(s)

Correct answer: True

22. Which is the most widely used VLAN assignment method?

- A. Interface-based VLAN assignment
- B. Protocol-based VLAN assignment
- C. MAC address-based VLAN assignment
- D. IP subnet-based VLAN assignment

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Congratulations, you got it! My Score: 15 Point(s) Correct answer: A

2. Refer to the following AAA configuration on a device. Which of the following statements is true?

```
[R1-aaa]display this
[V200R003C00]
#
aaa
authentication-scheme default
authorization-scheme default
accounting-scheme default
domain default
domain default_admin
local-user huawei password cipher %$%$m]GrHmJ1mL[7&zCh^XQBUII%$%
local-user huawei privilege level 0
local-user huawei service-type telnet
#
```

- A. The huawei user can log in to the device through SSH.
- B. The huawei user can run the display current-configuration command.
- C. The authentication mode is local authentication.
- D. The authorization scheme is default and the authorization mode is non-authorization.

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21. The Domain Name System (DNS) protocol is used to resolve domain names to IP addresses. Which of the following statements about DNS is false?

- A. DNS server maintains the database that stores the mappings between domain names and IP addresses and responds to the requests from the resolver.
- B. DNS supports traversal query.
- C. domain name can be used to identify a host.
- D. DNS supports recursive query.

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Wrong answer

My Score: 0 Point(s)

Correct answer: B

52. In the WLAN network architecture, ACs can be connected in in-path or off-path mode.

True

False

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Congratulations, you got it!

My Score: 15 Point(s)

Correct answer: True

55. The `vlan batch 4 10` command is used to create VLAN 4 and VLAN 10.

True

False

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Congratulations, you got it! My Score: 15 Point(s) Correct answer: True

59. Before sending an IPv6 packet, an interface performs the following operations in this order: address configuration, address resolution, and duplicate address detection (DAD).

 True False[Previous](#)[Next](#)

Congratulations, you got it!

My Score: 15 Point(s)

Correct answer: False

59. A blackhole route (or null route) can prevent routing loops.

- True
- False

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Congratulations, you got it!

My Score: 15 Point(s)

Correct answer: True

39. Which of the following statements about static and dynamic routes are true?

- A. When creating a static route, you must specify both the outbound interface and next hop.
- B. Static routes have low requirements on the system and are applicable to simple, stable, and small-sized networks.
- C. Dynamic routing protocols can automatically discover and generate routes and are more suitable for large-scale networks.
- D. Dynamic routing protocols can be classified into distance-vector routing protocols and link-state routing protocols based on their working mechanism and routing algorithms.

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Wrong answer

My Score: 0 Point(s)

Correct answer: BCD