H12-211.159q

H12-211

Huawei Certified Network Associate- Huawei Networking Technology and Device

Exam A

QUESTION 1

Following a failure of services in the network, an administrator discovered that the configuration in one of the enterprise routers had been changed.

https://www.vceplus.com/ What

actions can be taken by the administrator to prevent further changes? (Choose three)

A. The administrator should limit access by setting the login privilege of users to 0.
B. The administrator should configure AAA to manage user authorization on the router.
C. The administrator should configure an ACL to allow only the administrator to manage the router.
D. The administrator should configure port-security on the router.

Correct Answer: ABC
Section: (none)
Explanation

Explanation/Reference:

QUESTION 2

```
[RTA]acl 2001
[RTA-acl-basic-2001]rule 20 permit source 20.1.1.0 0.0.0.255
[RTA-acl-basic-2001]rule 10 deny source 20.1.1.0 0.0.0.255
```

Refer to the configuration output. Which of the following statements is correct regarding the configuration of the ACL on RTA?

A. Packets from network 20.1.1.0/24 network will be denied.
B. Packets from network 20.1.1.0/24 network will be permitted.
C. Packets destined for network 20.1.1.0/24 will be denied.

D. Packets destined for network 20.1.1.0/24 will be permitted.
Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 3

```
[RTA]acl 2001
[RTA-acl-basic-2001]rule deny source 172.16.1.1 0.0.0.0
[RTA-acl-basic-2001]rule deny source 172.16.0.0 0.255.0.0
```

Refer to the configuration output. Which of the following statements are correct regarding the configuration of the ACL on RTA? (Choose two).

A. Packets from network 172.16.1.1/32 will be denied.
B. Packets from network 172.16.1.0/24 will be denied.
C. Packets from network 172.17.1.0/24 will be denied.
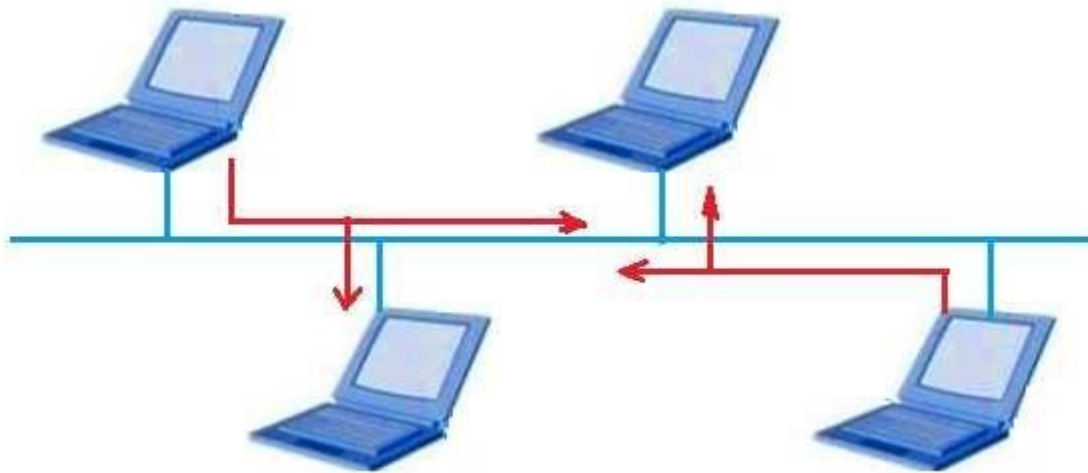D. Packets from network 172.18.0.0/16 will be denied.

Correct Answer: AD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 4
The network administrator wants to improve the performance of network transmission, what steps can the administrator take? (Choose two)

A. Change the work mode to full duplex of each end station.
B. Link the end stations together using a switch.
C. Change the work mode to half duplex of each end station.
D. Link the end stations together using a hub.

Correct Answer: AB
Section: (none)
Explanation

Explanation/Reference:

QUESTION 5
On Huawei switch, which of the following commands can be used to set port duplex mode as "auto negotiation"? (Choose two)

A. duplex negotiation auto
B. duplex auto-negotiation
C. duplex auto
D. undo duplex

Correct Answer: CD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 6
The network administrator wishes to transmit data between two end stations. The network interface cards of both devices operates at 100Mbps however one supports half duplex while the other uses full duplex mode.

What will occur as a result?

A. The end stations cannot communicate.
B. The end stations can communicate, but data may be lost during transmission of large amounts of traffic.
C. The end stations will operate normally
D. The end stations can communicate, but speed is different during transmission of large amounts of traffic.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 7
An Ethernet port can work one of three duplex modes, whereas an Optical Ethernet port only supports one single mode.

Which of the following represents this mode?

A. Full-duplex
B. Half-duplex
C. Auto-negotiation
D. Simplex

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
QUESTION 8
While inspecting packets in the network, a network administrator discovers a frame with the destination MAC address of 01-00-5E-A0-B1-C3.

What can the administrator determine from this?

A. The MAC address is a unicast address.
B. The MAC address is a broadcast address
C. The MAC address is a multicast address.
D. The MAC address is incorrect.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 9
According to OSI reference model, which layer is responsible for end to end error checking and flow control?

A. Physical layer
B. Data link layer
C. Network layer
D. Transport layer

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 10
Which of the following mechanisms are used for flow control? (Choose three)

A. Acknowledgement
B. Buffering

C. Source quench messages
D. Windowing

Correct Answer: BCD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 11

Source Destination Protocol Info
10.0.12.1 10.0.12.2 TCP 50190 > telnet [SYN] Seq=0 Win=8192 Len=0 MSS=1460
10.0.12.2 10.0.12.1 TCP telnet> 50190 [SYN, ACK] Seq=0 Ack=1 Win=8192 Len=0
MSS=1460
10.0.12.1 10.0.12.2 TCP 50190 > telnet [ACK] Seq=1 Ack=1 Win=8192 Len=0

Refer to the capture output. The administrator has captured three packets in the network. Which statement regarding the captured packets is incorrect?

A. This packets represent a TCP three-way handshake process.
B. 10.0.12.1 is the telnet server, while 10.0.12.2 is the telnet client.
C. The three packets contain no application data.
D. 10.0.12.1 uses port 50190 to buid the telnet connection.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 12
In the case of Huawei router, what is the "-i" parameter in a Ping command issued on a VRP operating system used to set?

A. Interface for sending an Echo Request packet

B. Source IP address for sending an Echo Request packet
C. Interface for receiving an Echo Reply packet
D. Destination IP address for receiving an Echo Reply packet

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 13
To provide the information about the IP addresses that a user packet traverses along the path to the destination, which of the following does Tracert record in each expired ICMP TTL packet?

A. Destination port
B. Source port
C. Destination IP address
D. Source IP address

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 14
Which of the following statements regarding the verification of IP connectivity are false? (Choose three)

A. The ping 127.0.0.1 command can be used to check whether the network cable is correctly inserted into the host's Ethernet port.
B. The ping command with the host IP address as the destination can be used to verify that the TCP/IP protocol suite is functioning correctly.
C. The ping command can be used to verify connectivity between the host and the local gateway.
D. The command "ipconfig /release" can be used to check connectivity problems between the host and the local gateway.

Correct Answer: ABD
Section: (none)
Explanation

Explanation/Reference:
QUESTION 15
A network administrator uses the ping command to check for points of failure in the network. Which

protocols will be used during this process? (Choose two)

A. ICMP
B. TCP
C. ARP
D. UDP

Correct Answer: AC
Section: (none)
Explanation

Explanation/Reference:

QUESTION 16
A network administrator recently used tracert to trace the path to the destination IP address of an external website, however the trace path displayed only a timeout result.

Which of the following statements correctly explains the reason for this? (Choose two)

A. The source router had shutdown the ICMP function.
B. This destination IP address does not exist.
C. The gateway cannot find a route to the destination.
D. This is a normal phenomenon.

Correct Answer: BC
Section: (none)
Explanation

Explanation/Reference:

QUESTION 17

```
Ping 10.0.0.2: 56 data bytes, press CTRL_C to break
Reply from 10.0.0.2: bytes=800 Sequence=1 ttl=255 time=2 ms
Reply from 10.0.0.2: bytes=800 Sequence=2 ttl=255 time=10 ms
--- 10.0.0.2 ping statistics ---
2 packet(s) transmitted
2 packet(s) received
0.00% packet loss
round-trip min/avg/max = 2/6/10 ms
```

A network administrator uses the ping command to test connectivity to the destination 10.0.0.2 on a Huawei AR series router.

Which statement regarding the output is correct?

A. The network administrator used the command ping -c 2 -s 800 10.0.0.2 B.
The network administrator used the command ping -a 2 -v 800 10.0.0.2
C. The path between the source and destination is not OK.
D. The network administrator changed the default TTL value.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 18
Which of the following statements explains the behavior of the ICMP redirect function? (Choose two)

A. When a router receives data on the interface via which the same data needs to be forwarded, and the source is on the same segment as the next hop, an ICMP redirect message will be sent by the router to the source.
B. When a router receives data on an interface, and the router's IP address matches the destination IP of the data, an ICMP redirect message will be sent by the router to the source.
C. When a router receives data on the interface via which the same data needs to be forwarded, and the source is on the same segment as the next hop, an ICMP Redirect message will be sent by the source to the router.
D. When a router receives data on the interface via which the same data needs to be forwarded, and the source is on a different segment from the next hop, an ICMP redirect message will be sent by the router to the source
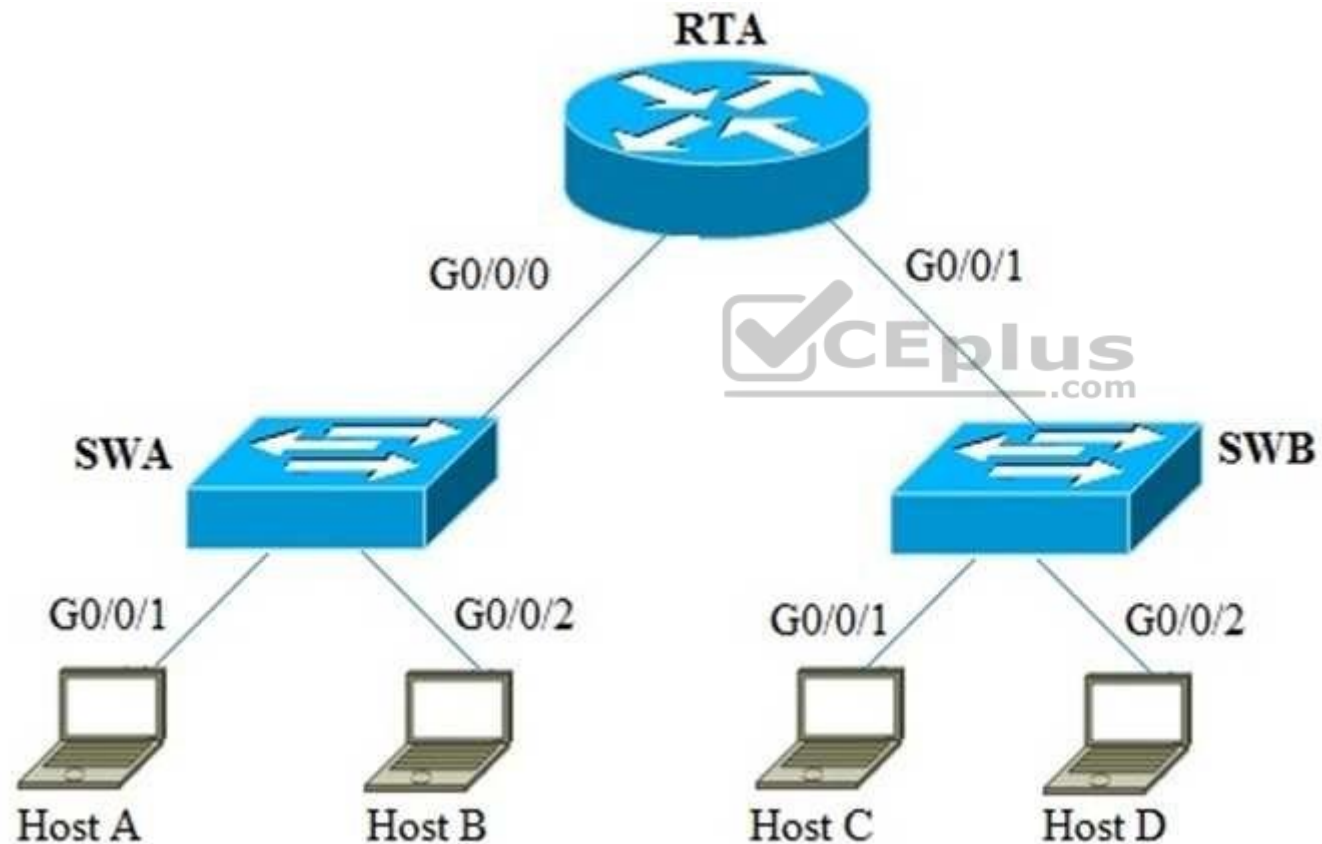
Correct Answer: AD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 19
Host A wishes to send data to host C, and generates an ARP request to obtain the destination MAC address.

Which statement is true?

A. The destination IP address of the ARP request is Host C.
B. The destination MAC address of this ARP request is Host C.
C. The destination IP address for the ARP request is a broadcast IP address.
D. The destination MAC address of this frame is the MAC address of G0/0/0 on RTA.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 20
An ARP request is sent by host A to obtain the destination MAC address of host D.

Which statement is true about regarding the ARP reply?

A. The destination MAC address of this frame is the MAC address of Switch A.
B. The destination IP address of this packet is the VLANIF1 IP address of Switch A.
C. The destination MAC address of this frame is the MAC address of Host A.
D. The destination IP address of this packet is a broadcast IP address.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 21
Which of the following applications can be used to detect the path along which the data packets are transmitted from the source to the destination?

A. Route
B. Netstat
C. Tracert
D. Send
Correct Answer: C

Section: (none)
Explanation

Explanation/Reference:

QUESTION 22
How many probe packets are sent for each TTL value by default when "tracert" is used to detect the path along which packet is sent from source to destination?

A. 3
B. 4
C. 6
D. 8

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 23
Which of the following types can ICMP packets be classified into? (Choose two)

A. ICMP transport packet
B. ICMP error reporting packet
C. ICMP query packet
D. ICMP application packet

Correct Answer: BC
Section: (none)
Explanation

Explanation/Reference:

QUESTION 24
On VRP platform, which of the following parameters can be used together with the "ping" command to specify the source address of an echo request message?

A. -a
B. -s
C. -d
D. -n

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 25
A router functioning as a Proxy receives an ARP request packet, but finds that the destination address in the packet is not intended for itself. In this case, what will the router do? (Choose two)

A. Discard the packet.
B. Check for a route that matches the destination address.
C. Forward its MAC address to the ARP request sender after finding that a route to the destination address is available.
D. Broadcast the ARP request packet.

Correct Answer: BC
Section: (none)
Explanation

Explanation/Reference:

QUESTION 26

Two end stations in a point-to-point network perform address resolution.

Which of the following statements is correct?

A. The destination address of an ARP request from each station will be a unicast MAC address.
B. The destination address of an ARP request from each station will be a broadcast IP address.
C. The destination address of an ARP reply from each station will be a unicast MAC address.
D. The destination address of an ARP reply from each station will be a broadcast MAC address.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 27

What will the destination MAC address be at the moment a frame is transmitted by the host, when the router is the IP destination?

A. The MAC address of the switch.
B. The MAC address of the router interface G0/0/0.
C. The MAC address of the host.
D. The destination MAC address will be a broadcast MAC address.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 28

```
[R1]display interface GigabitEthernet0/0/0
GigabitEthernet0/0/0 current state : Administratively DOWN
Line protocol current state : DOWN
```

Refer to the display output. What can be determined based on the output of the display command?

A. Interface Gigabit Ethernet 0/0/0 is connected to a wrong cable
B. Interface Gigabit Ethernet 0/0/0 is not associated with an IP address
C. Interface Gigabit Ethernet 0/0/0 is not associated with a dynamically defined route.
D. Interface Gigabit Ethernet 0/0/0 has been manually shut down by an administrator.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 29
Which of the following statements regarding static and dynamic routing is incorrect?

A. The static route can be easily configured and managed on the enterprise network.
B. The use of dynamic routing is more convenient for the administrator to manage the network following network convergence.
C. The static route can automatically recover when a link failure is encountered.
D. Dynamic routing will use more resources than static routes.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 30
Which of the following are routed protocols? (Choose all that apply.)

A. IP
B. OSPF
C. BGP
D. IPX

Correct Answer: AD

Explanation/Reference:
QUESTION 31
Which of the following statements regarding the routing table are correct? (Choose all that apply.)

A. The next hop in the routing table is redundant because the outgoing interface can be used for packet forwarding.
B. The routes from generated by different protocols have different preferences.
C. The metrics of different routing protocols are comparable.
D. The metrics of different routing protocols are not comparable

Correct Answer: BD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 32
Which of the following commands can be used to display the routing table on a Quidway router?

A. display ip path
B. display ip routing-table
C. display interface
D. display current-configuration

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 33
Which of the following entries is not included in the routing table?

A. source address

B. next hop

C. destination address

D. cost

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 34

Which of the following problems are caused by routing loops? (Choose three)

A. Slow convergence

B. Packets circulate between routers

C. Router restarting

D. Inconsistency of routing information

Correct Answer: ABD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 35

An administrator wishes to manage the router in the remote branch office, which method can be used?

A. Telnet

B. FTP

C. Console Connection

D. DHCP

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 36

The administrator cannot use telnet to manage the AR2200. The administrator is able to verify connectivity to the router and has been informed that other administrators have no difficulties using telnet.

Which statements describe the possible reasons for this problem? (Choose all that apply.)

A. The user's status has been blocked
B. The user's privilege level has been changed to 0.
C. The user has been deleted.
D. The telnet service in the AR2200 router has been disabled.

Correct Answer: AC
Section: (none)
Explanation

Explanation/Reference:

QUESTION 37

A user logged into a VRP supported device through telnet, but when attempting to configure the device, found that he is unable to use the system-view command to enter the system-view.

What are the possible reasons for this? (Choose two)

A. The device's VTY interface only provides permission for some telnet users to run the system-view command.
B. The user's telnet software restricts use of this command.
C. The user's privilege level is lower than the level associated with the system-view command.
D. The system-view command privilege level is lower than the level associated with the user.

Correct Answer: AC
Section: (none)
Explanation

Explanation/Reference:

QUESTION 38
The users who log on the router through Telnet are not permitted to configure IP address.

What is the possible reason?
A. Communication failures occur between the user and the router.
B. The authentication mode of Telnet is set incorrectly.
C. Privilege level of Telnet is set incorrectly.
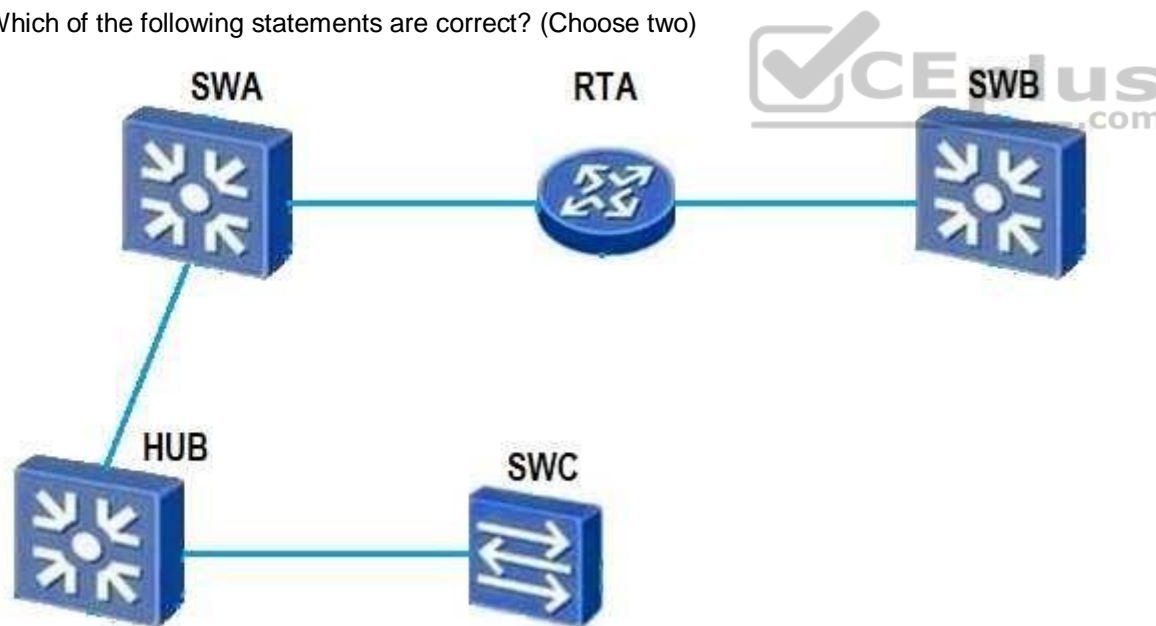D. SNMP parameters are set incorrectly.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 39
Which of the following statements are correct? (Choose two)

A

A. A single collision domain exists between RTA and SWC.
B. A single broadcast domain exists between SWA and SWB.
C. A single collision domain exists between SWA and SWC.
D. A single broadcast domain exists between SWA and SWC.

Correct Answer: CD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 40
The administrator wishes to change name of the router. Under which view should the administrator be in order to achieve this?

A. User-view
B. System-view
C. Interface-view
D. Protocol-view

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 41
<Huawei> system-view
[Huawei]command-privilege level 3 view user save

Refer to the command output. What is the result of the shown command?

A. The command adjusts the save command of a user to privilege level 3.
B. The command adjusts the save command in the user view to privilege level 3.
C. The command adjusts the user view command privilege level to 3, and saves the configuration.
D. The command adjusts the privilege level of a user to 3, and saves the configuration.

Correct Answer: B
Section: (none)
Explanation
Explanation/Reference:

QUESTION 42
<Huawei>system-view
[Huawei]history-command max-size 20

Refer to the command output. Which statements regarding the shown command are true? (Choose two)

A. The command is used to adjust the size of the history command buffer.
B. The default value of the history command buffer is 5.
C. The command should be configured in the user-interface view.
D. Once configured, commands totaling up to 20 bytes can be saved in the buffer.

Correct Answer: AC
Section: (none)
Explanation

Explanation/Reference:

QUESTION 43
An AR2200 router is required to be reconfigured from scratch. Which steps are needed to achieve this? (Choose all that apply.)

A. Reset the saved configuration.
B. Clear the current configuration.
C. Reboot the AR2200.
D. Assign the configuration file to be used at next startup.

Correct Answer: AC
Section: (none)
Explanation

Explanation/Reference:

QUESTION 44
An administrator has been requested to replace the configuration file of a router in the network. The administrator has been instructed that after logging into the router, he must first permanently erase the current configuration file config.zip from the system.
Which command should he use to achieve this?

A. delete /force config.zip
B. delete /unreserved config.zip
C. reset config.zip
D. clear config.zip

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 45
Which of the following commands can switch a view from the system view to the user view?

A. System-view
B. Router
C. Quit
D. User-view

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 46
Which of the following storage devices are supported by Huawei router? (Select four)

A. SDRAM
B. NVRAM

C. Flash
D. Hard Disk
E. CF Card

Correct Answer: ABCE
Section: (none)
Explanation

Explanation/Reference:

QUESTION 47
Which of the following storage devices is used to store the startup configuration files in a router?

A. SDRAM
B. NVRAM
C. Flash
D. BootROM

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 48
<Huawei>reset saved-configuration
Warning: The action will delete the saved configuration in the device.
The configuration will be erased to reconfigure. Continue? [Y/N]:

Refer to the configuration output. Which of the following statements are true? (Select two answers)

A. A user should enter 'Y' when wishing to clear the saved configuration file.
B. The saved-configuration file that the device starts with can be erased.
C. The saved-configuration will be deleted after typing N
D. The saved-configuration file will be replaced with the current-configuration.

Correct Answer: AB

Section: (none)
Explanation

Explanation/Reference:
QUESTION 49
When a router is powered on, the router reads the configuration file saved in the default save directory to get itself initialized. If the configuration file does not exist in the default save directory, what does the router use to initialize itself?

A. New configuration file
B. Initial configuration file
C. Default parameters
D. Current configuration file

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 50

```
<Huawei>display startup
MainBoard:
Startup system software: sd1:/ar2220-v200r003c00spc200.cc
Next startup system software: sd1:/ar2220-v200r003c00spc200.cc
Backup system software for next startup: null
Startup saved-configuration file: null
Next startup saved-configuration file: null
Startup license file: null
Next startup license file: null
Startup patch package: null
Next startup patch package: null
Startup voice-files: null
Next startup voice-files: null
```

Refer to the display output. Which statement is false?

A. The current configuration file has not been saved.
B. The current startup system software is ar2220-v200r003c00spc200.cc
C. The next startup system software cannot be changed.
D. The next startup system software can be changed by using the "startup system software <startup-softwarename>.cc" command.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 51
<Huawei>
Warning: Auto-Config is working. Before configuring the device, stop Auto-Config. If you perform configurations when Auto-Config is running, the DHCP, routing, DNS, and VTY configurations will be lost. Do you want to stop Auto-Config? [y/n]:

When an administrator first initializes the router, a warning is displayed. Which statement regarding this warning is correct?

A. If Auto-Config is required, the administrator should select 'y'.
B. If Auto-Config is not required, the administrator should select 'n', for which subsequent configuration of the DHCP server, routing, DNS server and VTY user configuration is lost.
C. When a device is started for the first time, the Auto-Config function is active.
D. When a device is started for the first time, the Auto-Config function is inactive.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 52
An AR2200 router in the company network cannot boot. In order to resolve this, the administrator wishes to update the VRP software.

What should he/she do?

A. The administrator should use a console cable to connect the router and host, and directly upgrade the device.

B. The administrator should use FTP to transfer the VRP software, by configuring the AR2200 router as an FTP client.

C. The administrator should use DHCP to boot the AR2200, and then use the AR2200 router as a TFTP client to download the VRP software from the server.

D. The administrator should use the telnet command on the client to remote access the device, and upgrade the VRP software.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 53
<Huawei>

Warning: Auto-Config is working. Before configuring the device, stop Auto-Config. If you perform configurations when Auto-Config is running, the DHCP, routing, DNS, and VTY configurations will be lost. Do you want to stop Auto-Config? [y/n]:

Refer to the output. When the administrator first starts the router, a system notice is displayed, however after rebooting this router, the notice disappeared. What is the reason for this? (Choose all that apply.)

A. This notice only appears during the very first device startup.

B. The administrator has configured the device and saved the configuration, causing the notice to disappear.

C. The administrator selected 'n' and did not save the configuration.

D. The administrator selected 'y' and saved the configuration.

Correct Answer: BD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 54
An end system is unable to communicate with a DHCP server following the startup process.

Which IP address may be used by the client?

A. 0.0.0.0

B. 127.0.0.1

C. 169.254.2.33
D. 255.255.255.255

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 55

```
[Huawei]ip pool pool1
Info: It's successful to create an IP address pool.
[Huawei-ip-pool-pool1]network 10.10.10.0 mask 255.255.255.0
[Huawei-ip-pool-pool1]gateway-list 10.10.10.1
```

Refer to the configuration output. The administrator wishes to configure the DHCP server pool in order to assign an IP address to the customer's terminal device.

Which command should be included in the configuration to provide the minimal lease period for IP addresses?

A. dhcp select relay
B. lease day 1
C. lease 24
D. lease 0

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 56
What is the default authentication mode for the default_admin domain?

A. None

B. Local
C. Radius
D. 802.1X

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 57
How many domains can be configured on a Huawei router?

A. 30
B. 31
C. 32
D. 33

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 58
An authenticator router has been configured with two domains named "Area1" and "Area2", following which a user is created with the username "huawei" and the password "hello" for authentication. Which domain does this user belongs to?

A. Area1 domain
B. Area2 domain
C. default domain
D. default_admin domain

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 59
In order to check if the interface serial 1/0/0 is working in either DCE or DTE mode, command ( ) is used.

A. display mode serial 1/0/0
B. display controller
C. display interface serial 1/0/0
D. display current-config

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 60
How is mapping performed on a DTE device in a Frame Relay network?

A. The local DLCI number is mapped to a remote IP address.
B. The local IP address is mapped to a remote DLCI number.
C. The local DLCI number is mapped to a local IP address.
D. The remote DLCI number is mapped to a remote IP address.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 61
If Frame Relay implements dynamic address mapping for the PVC, which protocol will be used?

A. LMI protocol
B. ARP protocol
C. RARP protocol

D. InARP protocol

Correct Answer: D
Section: (none)
Explanation
Explanation/Reference:

QUESTION 62
Which command should be used to check the mapping between protocol addresses and frame relay addresses?

A. display fr interface
B. display fr map-info
C. display fr inarp-info
D. display interface brief

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 63
Which of the following protocols is used in Frame Relay to map the address to DLCI dynamically?

A. ARP protocol
B. RARP protocol
C. InARP protocol
D. Map protocol

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 64
Which of the following parameters must be specified when configuring static mapping for Frame Relay network? (Choose two)

A. Local DLCI
B. Remote DLCI
C. Local network layer protocol address
D. Remote network layer protocol address

Correct Answer: AD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 65
Which of the following regarding Frame Relay DLCI are correct? (Choose three)

A. DLCI is locally significant
B. DLCI is allocated by DTE
C. The range of DLCI value that can be used is from 16-1007
D. The same DLCI can be configured on different physical interfaces

Correct Answer: ACD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 66
Which of the following commands is used to enable dynamic address mapping protocol in the interface encapsulated with Frame Relay?

A. fr inarp
B. fr reverse-arp
C. inverse-arp
D. reverse-arp

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 67
An administrator discovered he/she was unable to use TFTP to transfer files to the router.

Which of the following describes the likely reason for this?

A. The TFTP service had been disabled on the router.
B. TCP port 69 of the server had been blocked.
C. UDP port 69 of the server had been blocked.
D. The username and password had been modified.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 68
FTP may be used to upgrade a router's VRP image.

Which of the following transmission modes should be used to achieve this?

A. binary mode
B. ASCII mode
C. byte mode
D. letter mode

Correct Answer: A
Section: (none)
Explanation
Explanation/Reference:

QUESTION 69
A client failed to transfer a file to the FTP server, but found the IP connectivity was without problem. The client assumed that the problem was with the port configuration.

The blocking of which ports would likely cause this problem? (Choose two)

A. 21
B. 80
C. 20
D. 50649

Correct Answer: AC
Section: (none)
Explanation

Explanation/Reference:

QUESTION 70
Interface G0/0/1 on RTA contains a MAC address of 00e0-fc03-aa73 and is configured with the IPv6 address 2001::2E0:FCFF:FE03:AA73. Which method is most likely to have been used to configure the interface IPv6 address?

A. DHCPv6
B. Auto-link
C. ARP
D. EUI-64

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 71
In a small network supporting IPv6, a network administrator wishes implement RIPng.
Which of the following commands should be used to enable this protocol?

A. [RTA-GigabitEthernet0/0/0]ripng 1 enable
B. [RTA]ripng 1 enable
C. <RTA>ripng 1 enable
D. [RTA-ripng-1]ripng 1 enable

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 72
In a network supporting IPv6, OSPF no longer supports which feature?

A. multiple areas B.
Router-ID
C. authentication
D. multicast updates

Correct Answer: C

Section: (none)
Explanation

Explanation/Reference:

QUESTION 73
The network administrator has decided to configure link aggregation in the enterprise network.

Which of the following represent advantages of link aggregation? (Choose three)

A. Load balancing.
B. Improved bandwidth.
C. Enhanced reliability.
D. Improved security.
Correct Answer: ABC
Section: (none)
Explanation

Explanation/Reference:

QUESTION 74
In port aggregation, "multiple" ports are aggregated to form a port aggregation group so that all the member ports in the group share the outgoing/incoming load.

At which layer is port aggregation implemented?

A. Physical Layer
B. Data Link Layer
C. Network Layer
D. Transport Layer

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 75
What benefits does port aggregation yield? (Choose three)

A. Improves link bandwidth
B. Implements load sharing
C. Improves network reliability
D. Facilitates data copy for analysis

Correct Answer: ABC
Section: (none)
Explanation

Explanation/Reference:
QUESTION 76
What is the maximum number of member interfaces supported by a single Eth-Trunk?

A. 6
B. 8
C. 10
D. 12

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 77
The Eth-Trunk frame forwarding mechanism used to prevent changes in the data sequence forwards frames based on which of the following parameters?

A. The same source or destination IP address.
B. The same source or destination MAC address.
C. The same protocol type.
D. The same source or destination port number.

Correct Answer: AB

Section: (none)
Explanation

Explanation/Reference:

QUESTION 78
In Layer 2 mode, the transmission rate of an Eth-Trunk interface is determined by which of the following? (Choose all that apply.)

A. Maximum number of Up member links
B. Minimum number of Up member links
C. Number of Up member interfaces
D. Number of interfaces.

Correct Answer: AC
Section: (none)
Explanation

Explanation/Reference:

QUESTION 79
The network administrator wishes to forward data over an Eth-trunk, however associated member interfaces operate at different rates. In terms of the resulting behavior, which of the following is true?

A. The two switches will not be able to communicate.
B. The higher rate member interfaces may incur packet loss.
C. The Eth-Trunk will work normally.
D. The lower rate member interfaces may incur packet loss.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 80
The network administrator attempts to add interface G0/0/1 on Switch A to Eth-trunk 1, however the command fails.

Which of the following may cause this?

A. The interface is operating in half-duplex mode.
B. The interface has been shutdown.
C. The interface is already associated with another Eth-trunk.
D. The interface is an access port.

Correct Answer: CD
Section: (none)
Explanation

Explanation/Reference:
QUESTION 81
A network requires a solution to allow 50 private IP addresses to be translated, however only a single public address is available for use.

Which translation method can be used to support this requirement?

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

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 82
NAPT allows for multiple internal addresses to be mapped to a single public address.

How does NAT distinguish between the different private addresses when mapping to the same public address?

A. The source MAC address is used.
B. The destination MAC address is used.
C. The source port number is used.
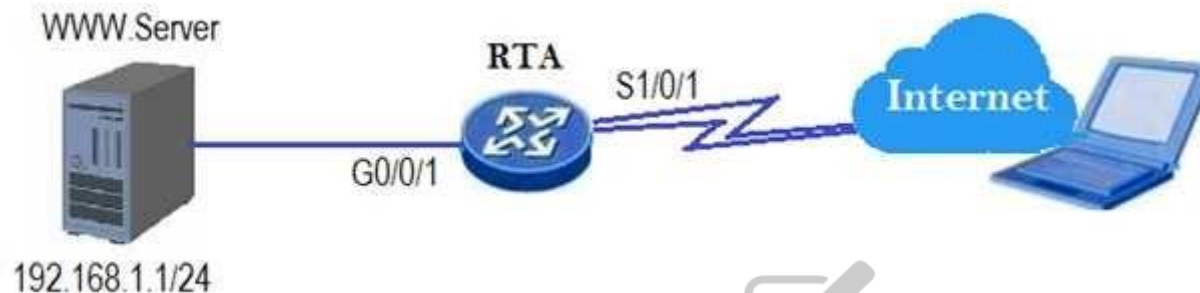D. The destination port number is used.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 83
A web server in a private network is required to provide HTTP services to public users. The network administrator is required to configure NAT on RTA.

Which configuration should be used?

A. [RTA-Serial1/0/1]nat server protocol tcp global 202.10.10.1 www inside 192.168.1.1 8080
B. [RTA-Serial0/0/1]nat server protocol tcp global 192.168.1.1 www inside 202.10.10.1 8080
C. [RTA-Gigabitethernet0/0/1]nat server protocol tcp global 202.10.10.1 www inside 192.168.1.1 8080
D. [RTA- Gigabitethernet0/0/1]nat server protocol tcp global 192.168.1.1 www inside 202.10.10.1 8080

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 84
Which of the following items can be translated by NAPT?

A. MAC address + port number

B. IP address + port number
C. Only MAC address
D. Only IP address

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
QUESTION 85
Which of the following statements about a designated port working in RIPv2 multicast mode are true? (Choose three)

A. The port receives only RIPv2 multicast packets.
B. The port does not receive RIPv1 broadcast packets.
C. The port does not receive RIPv2 broadcast packets.
D. The port receives only RIPv1 multicast packets.

Correct Answer: ABC
Section: (none)
Explanation

Explanation/Reference:

QUESTION 86
Which of the following statements regarding the router ID in OSPF are incorrect? (Choose three)

A. The router IDs of OSPF routers in the same area must be the same, but can be different in different areas.
B. The router ID must be the IP address of an OSPF router interface.
C. The router ID must be configured manually.
D. A router running OSPF must have a router ID for it to operate properly.

Correct Answer: ABC
Section: (none)
Explanation

Explanation/Reference:

QUESTION 87
Which of the following statements regarding Designated Routers in OSPF are correct? (Choose three)

A. DR is elected by all the routers in the same network segment.
B. If the priorities of two routers are different, the router with the lower priority will be elected as DR.
C. If the priorities of two routers are equal, the router with the higher Router ID will be elected as DR.
D. DR and BDR must be adjacent.

Correct Answer: ACD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 88
On the VRP platform, which of the following commands is used to configure the Router ID of a router as 1.1.1.1?

A. <Huawei>router id 1.1.1.1
B. [Huawei]router id 1.1.1.1
C. [Huawei]router-id 1.1.1.1
D. [Huawei]router id 1.1.1.1 255.255.255.255

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 89
Which of the following OSPF versions is specific to IPv6?

A. OSPFv1
B. OSPFv2
C. OSPFv3
D. OSPFv4

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 90
The administrator wishes to configure OSPF on a router in the network however the router has no loopback interface.

Which value will be used as the router ID?

A. The lowest IP address of the router's active interfaces.
B. The highest IP address of the router's active interfaces.
C. The IP address of the management interface.
D. The priority value of the router.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 91
An administrator of a company supporting a large enterprise network wishes to implement OSPF on the network as opposed to RIP. Which of the following points should the administrator use to support his reasoning for this change? (Choose three)

A. OSPF has no hop count limitation.
B. OSPF has a lower routing update overhead.
C. OSPF has a simpler configuration.
D. OSPF supports faster convergence.

Correct Answer: ABD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 92
Which of the following statements regarding single area OSPF are correct? (Choose three)

A. An IP address needs to be configured on a loopback interface of each router before configuring an OSPF area.
B. The value of an area can be from 0.0.0.0 to 255.255.255.255.
C. A single area can be configured using any supported area number.
D. All of the links of the network need to be advertised in Area 0.

Correct Answer: BCD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 93
10.0.1.0/24 O_ASE 150 2 D 10.0.23.3 Serial2/0/0

Refer to the display output. Which of the following statements regarding route shown are true? (Choose two)

A. The address 10.0.23.3 has been configured on the peer's serial 2/0/0 interface.
B. The route preference has been changed by the administrator.
C. The metric for the route 10.0.1.0 indicates that two hops are needed.
D. The route has been learned via the OSPF protocol.

Correct Answer: AD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 94
Which of the following statements regarding link-state database and routing-table of a "single" OSPF area are correct? (Choose two)

A. The link-state databases that all routers build are identical. B.
The link-state databases that all routers build are different.
C. The routing-tables that all routers calculate are different.
D. The routing-tables that all routers calculate are identical.

Correct Answer: AC
Section: (none)
Explanation

Explanation/Reference:
QUESTION 95
Which of the following steps are necessary to configure OSPF on a Huawei router? (Choose three)

A. Configuration of a router ID
B. Enabling of an OSPF process
C. Specifying an OSPF area
D. Configuration of the network segments within each area

Correct Answer: BCD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 96
Which of the following statements regarding the DR in an OSPF network are correct? (Choose two)

A. There must be at least one DR in an OSPF area.
B. A DR must be elected among the routers through the negotiations that are defined by OSPF protocol.
C. Only the router with highest priority will be elected as DR.
D. Only NBMA or Broadcast networks need to elect DR.

Correct Answer: BD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 97
Which of the following VRP commands can be used to enter area 0 view? (Choose two)

A. [Huawei]ospf area 0
B. [Huawei-ospf-1]area 0
C. [Huawei-ospf-1]area 0.0.0.0
D. [Huawei-ospf-1]area 0 enable

Correct Answer: BC
Section: (none)
Explanation

Explanation/Reference:

QUESTION 98
Which of the following commands is used to display the OSPF neighbor relationship establishment?

A. display ospf neighbor
B. display ospf brief
C. display ospf peer
D. display ospf interface

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 99
With what kind of routers does a DRother router exchange link state information and route information? (Choose two)

A. DR
B. BDR
C. DRother
D. All OSPF neighbors

Correct Answer: AB
Section: (none)
Explanation

Explanation/Reference:

QUESTION 100
An OSPF area is a collection of a group of routers and networks. OSPF defines that routers that have the same ( ) belong to the same OSPF area.
A. neighbors
B. LSDB
C. LSA
D. adjacency

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 101
Two routers are connected through serial interfaces and support PPP encapsulation.

Which parameters must be negotiated to establish the PPP connection? (Choose three).

A. MRU
B. Authentication password
C. Magic-Number
D. IP address

Correct Answer: ACD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 102
What are the three protocol components defined by PPP? (Choose three).

A. Data encapsulation.

B. LCP
C. NCP
D. IPCP

Correct Answer: ABC
Section: (none)
Explanation

Explanation/Reference:

QUESTION 103
Two routers are connected via serial interfaces, for which the link-protocol is PPP. The network administrator wishes to configure PPP authentication to improve security on this link.

Which PPP authentication method provides a more secure solution?

A. CHAP
B. PAP
C. MD5
D. SSH

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 104
If PPP authentication fails, which type of packet will be sent to the authenticated peer by the authenticator?

A. Authenticate-Ack
B. Authenticate-Nak
C. Authenticate-Reject
D. Authenticate-Reply

Correct Answer: B

Section: (none)
Explanation

Explanation/Reference:
QUESTION 105
Two routers are connected via serial interfaces and the link-protocol is PPP, but the MRU of two serial interfaces are different, in PPP LCP negotiated stage, what will happen?

A. LCP negotiation will fail
B. Negotiation will use the smaller value
C. Negotiation will use the larger value
D. Negotiation will use 1500

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 106
PPP is more secure than HDLC because PPP supports authentication protocols such as ( ). (Choose two)

A. PAP
B. MD5
C. CHAP
D. SSH

Correct Answer: AC
Section: (none)
Explanation

Explanation/Reference:

QUESTION 107
When both ends running PPP protocol detect that the physical link is active, the link state will transit from dead to establish.

Which of the following protocols is used to negotiate the link parameters during this phase?

A. IP
B. DHCP
C. LCP
D. NCP

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 108
A serial interface of a Huawei router currently using HDLC needs to assign PPP as the encapsulation protocol.

Which of the following commands is required to be configured at the serial interface view?

A. link-protocol ppp
B. encapsulation ppp
C. enable ppp
D. address ppp

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 109
When using VRP, which of the following commands is used to configure the PPP authentication method as PAP?

A. ppp pap
B. ppp authentication-pap
C. ppp authentication-mode pap
D. ppp pap-authentication

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
QUESTION 110
When configuring the PPP authentication method as PAP, which of the following operations are necessary? (Choose three)

A. Add the user name and password of the authenticated party to the local user list.
B. Configure the encapsulation type of the interface connected to the peer as PPP.
C. Configure PPP authentication method as CHAP.
D. On the authenticated party end, configure the user name and password that are sent to authenticator.

Correct Answer: ABD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 111
In the PPP protocol, which of the following encryption algorithms is used by CHAP?

A. DES
B. MD5
C. AES
D. None

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 112
What is the function of the "ip address ppp-negotiate" command?

A. Enables the function of requesting for an IP address from the peer device.
B. Enables the function of accepting the request for an IP address from the remote device.
C. Enables the function of statically allocating IP addresses to the peer.
D. None of the above.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 113

Two routers have established a point-to-point network using PPP. The administrator has configured the routers to run OSPF in the same area with the same router ID, what will behavior will occur as a result of the configuration?

A. The routers will build a neighbor relationship even though both routers are using the same router ID.
B. VRP will notify of a router ID conflict between the two routers.
C. The routers will build an adjacency even though both routers are using the same router ID.
D. The routers will not send hello packets to each other because they are using the same router ID.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 114

The PPPoE session establishment process can be divided into which stages? (Choose all that apply.)

A. Discovery stage
B. DHCP stage
C. PPPoE Session stage
D. PPP connecting stage.

Correct Answer: AC

Section: (none)
Explanation

Explanation/Reference:
QUESTION 115
A user can view the information for the RIP protocol on a router. What does "Age time" in the returned result of the command mean?

A. The interval of updating an RIP packet
B. The aging time of an RIP route
C. The suppression time of an RIP route
D. The time spent on switching between RIP routes

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 116
After a command for displaying RIP route information is entered on a router, peer 192.168.1.2 on Serial1/0/0 is displayed in the returned result.

What does 192.168.1.2 stand for?

A. Address of a RIP neighbor
B. Address of the port with the RIP protocol enabled
C. Next hop address of the RIP route
D. Transmission address of the RIP protocol

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 117

```
<R2>debugging rip 1
Sep 13 2013 11:07:20.974.1-05:13 R2 RIP/7/DBG: 6: 13414: RIP 1: Receiving v1 response on
GigabitEthernet0/0/0 from 10.0.12.1 with 1 RTE
Sep 13 2013 11:07:20.974.2-05:13 R2 RIP/7/DBG: 6: 13465: RIP 1: Receive response from
10.0.12.1 on
GigabitEthernet0/0/0
Sep 13 2013 11:07:20.974.3-05:13 R2 RIP/7/DBG: 6: 13476: Packet: Version 1, Cmd response,
Length 24
Sep 13 2013 11:07:20.974.4-05:13 R2 RIP/7/DBG: 6: 13527: Dest 1.0.0.0, Cost 1
Sep 13 2013 11:07:20.974.5-05:13 R2 RIP/7/DBG: 6: 2688: RIP 1: Ignoring packet. This version
is not configured.
```

Refer to the debug output. Following configuration of R2, the administrator discovers that the behavior is not as expected and performs debugging. Based on the output from the debug, what is the source of the problem?

A. R2 has configured an ACL to block the route to network 1.0.0.0
B. R2 has enabled split horizon.
C. R1 is using authentication, however R2 is not.
D. R2 is operating using RIPv2, while R1 is using RIPv1.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 118
Which of the following statements about a designated port working in RIPv2 multicast mode are true? (Choose three)

A. The port receives only RIPv2 multicast packets.
B. The port does not receive RIPv1 broadcast packets.
C. The port does not receive RIPv2 broadcast packets.
D. The port receives only RIPv1 multicast packets.

Correct Answer: ABC
Section: (none)
Explanation

Explanation/Reference:

QUESTION 119

When a network administrator configures STP in the network, BPDU begin to be sent by switch. Which of the following statements regarding the BPDU frame are correct?

A. A BPDU uses the IEEE 802.3 standard frame type
B. A BPDU uses the Ethernet II standard frame type
C. The BPDU frame's control field is 3
D. The destination MAC address field of a BPDU frame is a broadcast address

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 120

In the case of Huawei router, the Tracert command uses UDP to encapsulate probe packets.

A. True
B. False

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 121

The broadcast address of the subnet 192.168.1.0/25 is 192.168.1.128.

A. True
B. False

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 122
A network administrator wishes to assign an IP address to a router interface G0/0/0. Which of the following IP addresses can be assigned?

A. 192.168.10.112/30
B. 237.6.1.2/24
C. 145.4.2.55/26
D. 127.3.1.4/28

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 123
If a network's address is 192.168.1.0, the broadcast address of the network is 192.168.1.255.

A. True
B. False

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 124

In the VRP system, what are the functions of Ctrl+Z?

A. Return from the system view to the user view

B. Exit from the current view

C. Exit from the interface view

D. Exit from the console interface view

E. Return to the user view

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 125

In standard STP mode, which of the following ports on non-root switches forward the BPDUs with TC bits set generated by the root switch?

A. Root port

B. Backup port

C. Designated port

D. Alternate port

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 126

Assuming all STP enabled switches have the same bridge priority. The MAC address of switch A is 00-e0-fc-00-00-40, the MAC address of switch B is 00-e0-fc-0000-10, the MAC address of switch C is 00-e0-fc-00-00-20, and the MAC address of switch D is 00-e0-fc-00-00-80. Which switch will be elected as the root switch?

A. Switch A

B. Switch B

C. Switch C

D. Switch D

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 127

Which of the following configurations regarding default route configuration is correct?

A. [Quidway] ip route-static 0.0.0.0 0.0.0.0 172.16.2.1

B. [Quidway] ip route-static 0.0.0.0 255.255.255.255 172.16.2.1

C. [Quidway-GigabitEthernet0/0/1] ip route-static 0.0.0.0 0.0.0.0 172.16.2.1

D. [Quidway] ip route static 0.0.0.0 0.0.0.0 172.16.2.1

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 128

Which of the following WLAN standards support operation in the 5GHz range? (Choose all that apply)

https://www.vceplus.com/

A. 802.11a

B. 802.11b
C. 802.11g
D. 802.11n

Correct Answer: AD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 129
On Huawei switches, you can run the vlan batch command to create multiple VLANs in batches.

A. True
B. False

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 130
According to the topology and configuration of interconnected interfaces of switches shown in the figure, the data frame tagged with VLAN 10 can be forwarded correctly between the two switches.

LSW1 GE0/0/1 ——— GE0/0/1 LSW2

[LSW1]interface GigabitEthernet0/0/1
[LSW1-GigabitEthernet0/0/1]Port link-type trunk
[LSW1-GigabitEthernet0/0/1]Port trunk pvid vlan 20
[LSW1-GigabitEthernet0/0/1]Port trunk allow-pass vlan 10
#
[LSW2]interface GigabitEthernet0/0/1
[LSW2-GigabitEthernet0/0/1]Port link-type trunk
[LSW2-GigabitEthernet0/0/1]Port trunk pvid vlan 20
[LSW2-GigabitEthernet0/0/1]Port trunk allow-pass vlan 10

A. True
B. False

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 131
The network administrator creates VLAN 10 and assigns an IP address to VLANIF10. When using the command "display ip interface brief", the administrator finds that VLANIF10 is down. What should be done to enable VLANIF10?

A. Use the command "undo shutdown" under the interface view for VLANIF10
B. Assign a physical interface that has either an active of inactive physical state to VLAN 10
C. Assign only a physical interface that has an active physical state to VLAN 10
D. Add an interface that has an active physical state and a trunk port associated with VLAN 10

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 132
A network administrator wishes to implement VLAN 10 to isolate certain users. It is common however for these users to often change their physical location. Which of the following VLAN implementations should be used?

A. Port based VLAN assignment
B. Protocol based VLAN assignment
C. MAC based VLAN assignment
D. IP subnet based VLAN assignment

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 133
Refer to the graphic. GE0/0/1 and GE0/0/2 on the switch are configured as hybrid interfaces. Which of the following statements are true? (Choose all that apply)

LSW1

GE0/0/1   GE0/0/2

administrative department   Finance department
192.168.100.1   192.168.200.1

[LSW1]interface GigabitEthernet0/0/1
[LSW1 – GigabitEthernet0/0/1]port hybrid untagged vlan 10 20
[LSW1 – GigabitEthernet0/0/1]port hybrid pvid vlan 10
[LSW1]interface GigabitEthernet0/0/2
[LSW1 - GigabitEthernet0/0/2]port hybrid untagged vlan 10 20
[LSW1 – GigabitEthernet0/0/2]port hybrid pvid vlan 20

A. The administrative department and the finance department cannot communicate with each other because the VLANs of the two departments are different.

B. The data frames sent by the administrative department carry tagged VLAN 20 on the switch.
C. On the switch, the data frames sent by the finance department carry tagged VLAN 20.
D. The switch can be a Layer 2 or Layer 3 switch because communications do not need to be transmitted through a Layer 3 gateway.
E. If GE0/0/1 and GE0/0/2 on the switch are changed to trunk ports, the administrative department and finance department can communicate with each other.

Correct Answer: BC
Section: (none)
Explanation

Explanation/Reference:

QUESTION 134
On the VRP, what is the function of the "interface vlanif <vlan-id>" command?

A. It is used to create a VLANIF interface
B. It is used to create a VLANIF interface and enter the VLANIF interface view
C. It is used to configure a VLAN for a VLANIF interface
D. There is no such command

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 135
InARP resolves the protocol address of the remote device on each virtual circuit, including IP addresses and IPX addresses.

A. True
B. False

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 136
On an FR network, the DLCI identifies a virtual circuit on an interface. The DLCI must be unique during planning and deployment.

A. True
B. False

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 137
If AAA authentication is used on Huawei devices and the remote server does not respond, the authentication can be performed on network devices.

A. True
B. False

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 138
An ACL does not filter traffic generated by the Huawei device towards other devices, but only filters forwarded traffic, including traffic generated by other devices to access the Huawei device.

A. True
B. False

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 139
Which of the following statements are true about ACL deployment on Huawei devices? (Choose all that apply)

A. ACL can only be used in the outbound direction of an interface
B. The same ACL can be used on multiple interfaces
C. The ACL rules can only be configured in the following sequence: 10, 20, 30…
D. ACLs cannot be used to filter OSPF traffic because OSPF does not use UDP to encapsulate packets
E. ACLs can be used to match with the TCP/UDP port IDs of packets and to designate the port ID range

Correct Answer: BE
Section: (none)
Explanation

Explanation/Reference:

QUESTION 140
SNMP packets are encapsulated in TCP packets.

A. True
B. False

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 141
In OSPFv3, router IDs can be used automatically generated by the system.

A. True
B. False

Correct Answer: A

Section: (none)
Explanation
Explanation/Reference:

QUESTION 142
VLSM can expand any IP network segment, including Class D addresses.

A. TRUE
B. FALSE

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 143
During STP calculation, the port cost is associated with port bandwidth. Which of the following statements about the relation between port cost and port bandwidth is true?

A. Port cost decreases when port bandwidth increases.
B. Port cost increases when port bandwidth increases.
C. Port cost is consistent with port bandwidth.
D. Port cost varies randomly according to port bandwidth.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 144
Which of the following descriptions about STP are incorrect? (Multiple Choice)

A. A layer-2 switching network can have only one designated switch.

B. All the ports of the root switch are root ports.
C. All the ports of the root switch are designated ports.
D. The switch with the smallest priority value is elected as non-root switch.

Correct Answer: BD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 145
Which of the following statements about static route preference on Huawei devices is false?

A. Static route preference ranges from 0 to 255.
B. Default static route preference is 60.
C. Static route preference is either internal or external. Administrators can modify external preferences.
D. If static route preference is 255, the route cannot be used.
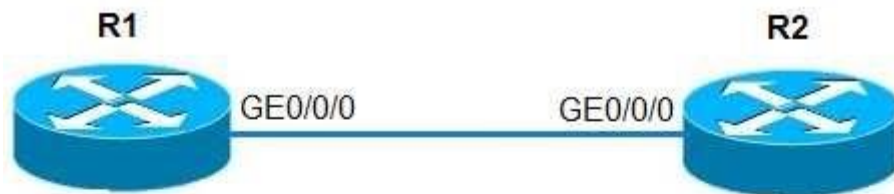
Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 146
Refer to the graphic, which of the following statements is true about OSPF topology and configuration?

```
[R1]interface GigabitEthernet0/0/0
[R1-GigabitEthernet0/0/0]ip address 100.1.1.1.255.255.255.0
[R1-GigabitEthernet0/0/0]ospf network-type p2p
[R1-GigabitEthernet0/0/0]ospf dr-priority 100
[R1-GigabitEthernet0/0/0]ospf timer hello 20
[R1]ospf 1
[R1-ospf-1]area 0.0.0.0
[R1-ospf-1-area-0.0.0.0]network 100.1.1.1.0.0.0.0
#
[R2]interface GigabitEthernet0/0/0
[R2-GigabitEthernet0/0/0]ip address 100.1.1.2 255.255.255.0
[R2]ospf 1
[R2-ospf-1] area 0.0.0.0
[R2-ospf-1-area-0.0.0.0]network 100.1.1.2 0.0.0.0
```

A. A stable OSPF neighbor relationship can be set up between R1 and R2.
B. After the default network type of the interface on R1 is restored to broadcast, a stable OSPF neighbor relationship can be set up between R1 and R2.
C. After the default network type of the interface on R1 is restored to broadcast and the hello packet sending interval is changed to 10s, a stable OSPF neighbor relationship can be set up between R1 and R2.
D. Compared with R1, R2 is more likely to become the DR because the DR priority of the interface on R2 is lower than that of R1.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 147
Refer to the graphic. An administrator has configured OSPF on the two routers, following which he then implements the command silent-interface s0/0/1 on RTA.
What effect will this command have on the network? (Multiple Choice)

A. The link information advertised by RTB will be maintained in the Link State Database of RTA.
B. The OSPF neighbor relationship will fail between two routers.
C. The configuration will not affect the OSPF neighbor relationship between the two routers.
D. The link information advertised by RTB will no longer be maintained in the Link State Database of RTA.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 148
The following configuration commands implement route backup on RTA for a route to the same destination 10.1.1.0.

```
[RTA]ip route-static 10.1.1.0 24 12.1.1.1 permanent
[RTA]ip route-static 10.1.1.0 24 13.1.1.1
```

A. TRUE
B. FALSE

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
QUESTION 149

Refer to the command output. Which statement is true regarding this command?

ip route-static 10.0.12.0 255.255.255.0 192.168.1.1

A. The configuration represents a static route to the 192.168.1.1 network
B. The configuration represents a static route to the 10.0.12.0 network.
C. The preference value of this configured route is 100.
D. If the router has learned the same destination network via a dynamic routing protocol, the static route will always take precedence.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 150
Which of the following network types does OSPF support? (Multiple Choice)

A. Point-to-Point.
B. Broadcast.
C. Non-Broadcast Multi-Access.
D. Point-to-Multipoint.

Correct Answer: ABC
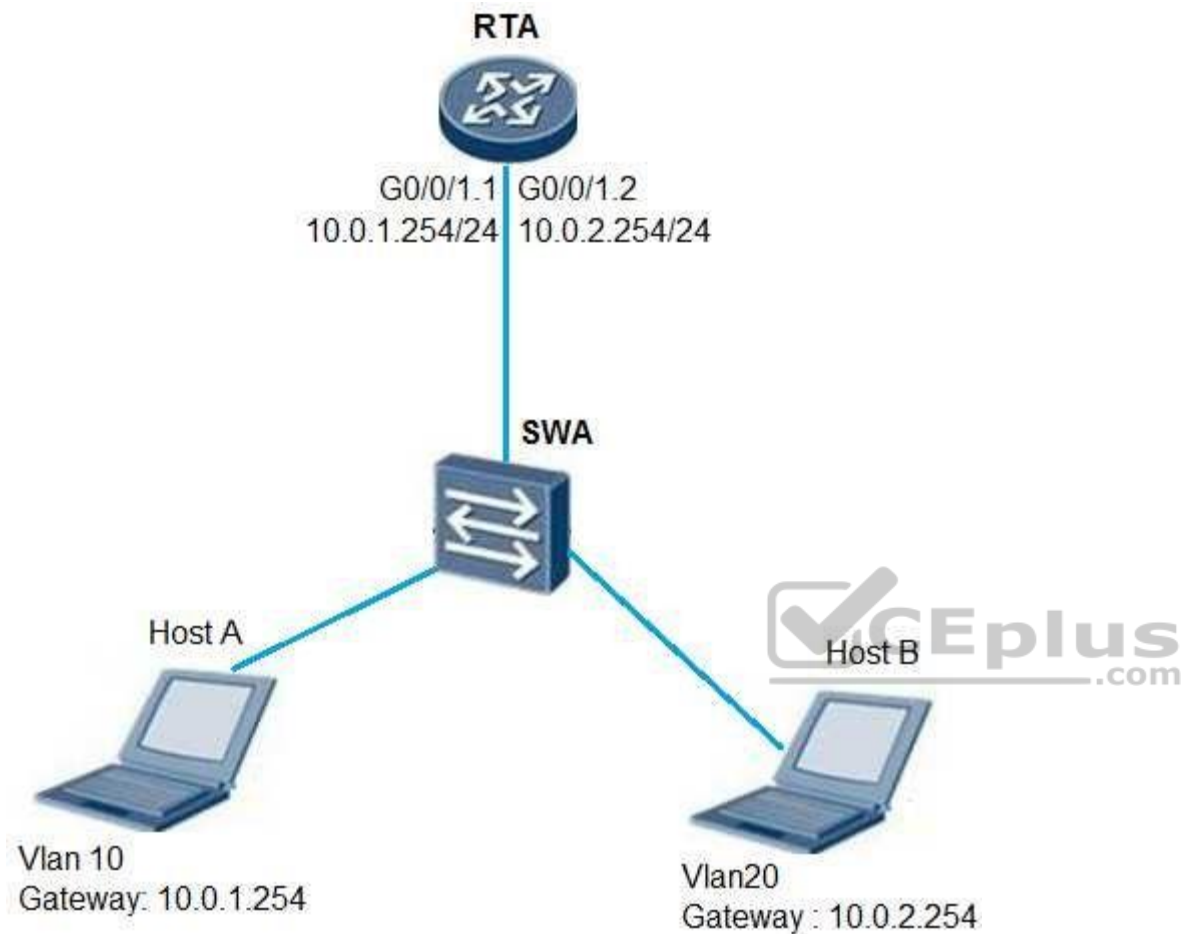**Section: (none)**
Explanation

Explanation/Reference:

QUESTION 151
Refer to the graphic. Host A and Host B use VLAN routing to facilitate communication. What must be configured on interface G0/0/1.1 of RTA to achieve this?

RTA

G0/0/1.1 G0/0/1.2
10.0.1.254/24 10.0.2.254/24

SWA

Host A

Host B

Vlan 10
Gateway: 10.0.1.254

Vlan20
Gateway : 10.0.2.254

A. dot1q termination vid 1.
B. dot1q termination vid 10.
C. dot1q termination vid 20.
D. dot1q termination vid 30.

Correct Answer: B

Section: (none)
Explanation
Explanation/Reference:

QUESTION 152
Refer to the graphic. IPsec VPN uses ESP to encrypt which fields?

| IP Header | ESP Header | TCP Header | Data | ESP Trailer | ESP Auth |

A. TCP, Data and ESP Trailer.
B. ESP, TCP and Data.
C. ESP, TCP, Data and ESP Trailer.
D. ESP, TCP, Data, ESP Trailer and ESP Auth.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 153
The authentication, authorization and accounting schemes and HWTACACS or RADIUS server templates created on AR routers take effect only after being applied to a domain.

A. TRUE
B. FALSE

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 154
Which of the following route entries can be aggregated into 10.0.0.24/29? (Choose all that apply.)

A. 10.0.0.25/30
B. 10.0.0.23/30
C. 10.0.0.26/30
D. 10.0.0.22/30

Correct Answer: AC
Section: (none)
Explanation

Explanation/Reference:

QUESTION 155
According to the configuration of single-armed routing in the following figure, the administrative department and finance department can communicate with each other even the proxy ARP is disabled on the subinterface on R1.

R1

G0/0/0

G0/0/3

LSW1

G0/0/1

G0/0/2

Administrative department
192.168.100.1

Finance department
192.168.200.1
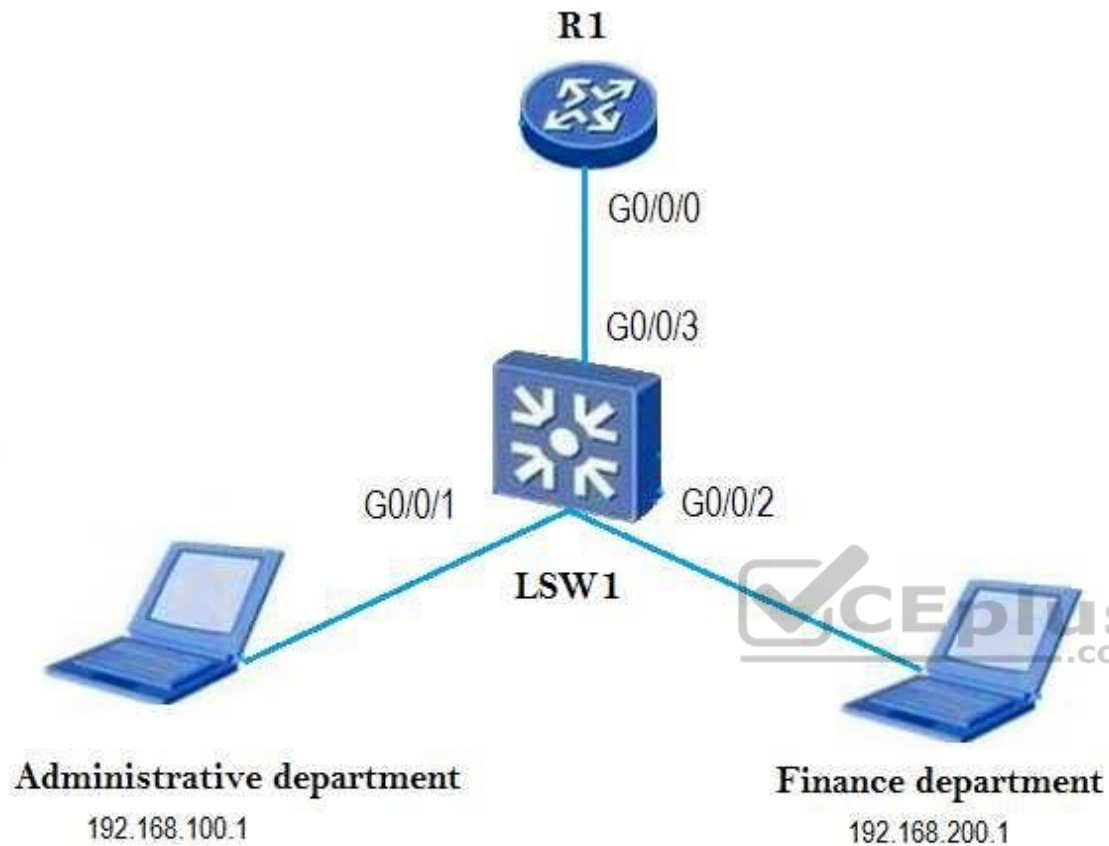
[R1] interface GigabitEthernet0/0/0.1
[R1-GigabitEthernet0/0/0.1]dot1q termination vid 10
[R1-GigabitEthernet0/0/0.1] ip address 192.168.100.254.255.255.255.0
[R1] interface GigabitEthernet0/0/0.2
[R1-GigabitEthernet0/0/0.2]dot1q termination vid 20
[R1-GigabitEthernet0/0/0.2] ip address 192.168.100.254.255.255.255.0
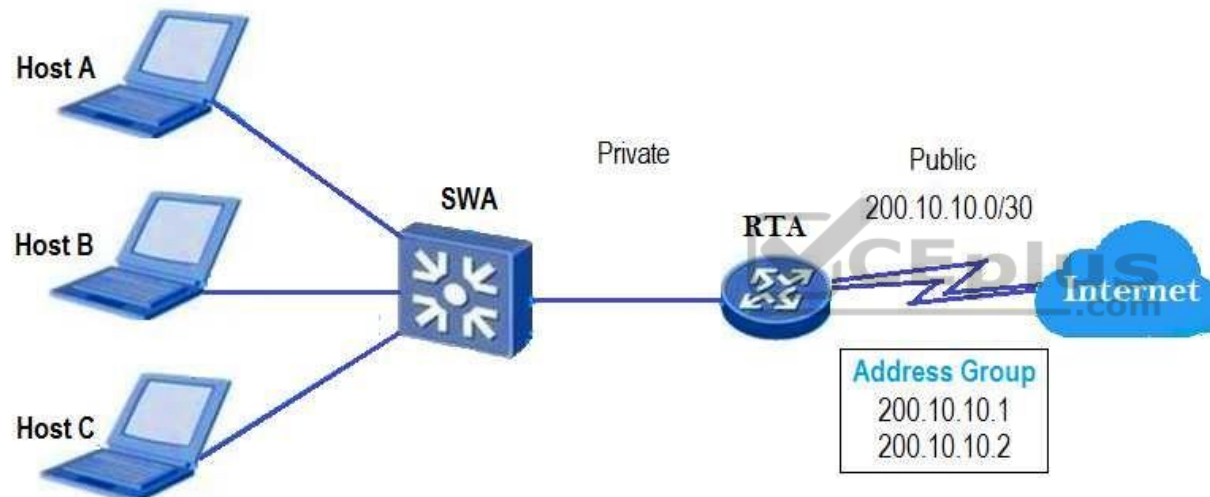
A. True

B. False

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 156
Refer to the graphic.

In the private network, RTA dynamically assigns a public address from the address pool to hosts without port translation. Host C wishes to access the public network while addresses are assigned to Host A and Host B. What will occur as a result?

A. The first public address will be allocated to Host C, and Host A will be forced offline.
B. The last public address will be allocated to Host C, and Host B will be forced offline.
C. Host C will be unable to forward traffic over the public network.
D. All hosts will have access to the public network through pool address swapping.
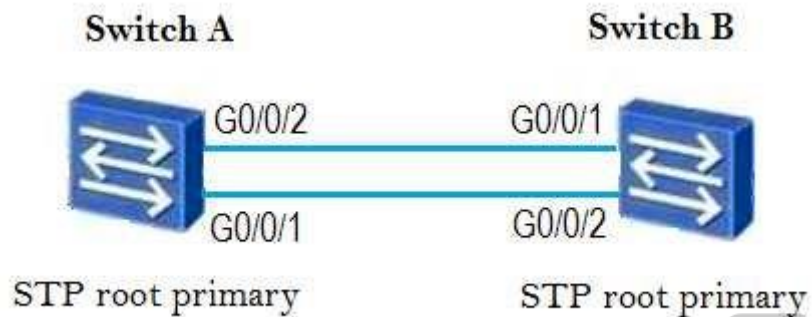
Correct Answer: C

Section: (none)
Explanation

Explanation/Reference:

QUESTION 157
Refer to the graphic.

Both switches are operating using STP. With exception to those shown, all other default parameters have been maintained. Which port will be blocked?

A. Port G0/0/1 of switch A.
B. Port G0/0/2 of switch B.
C. Port G0/0/1 of switch B.
D. Port G0/0/2 of switch A.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 158
Layer 2 switches are data link layer devices that identify MAC addresses of Layer 2 data frames and forward Layer 2 data frames based on MAC addresses. In addition, they record mappings between MAC addresses and interfaces in the MAC address table.
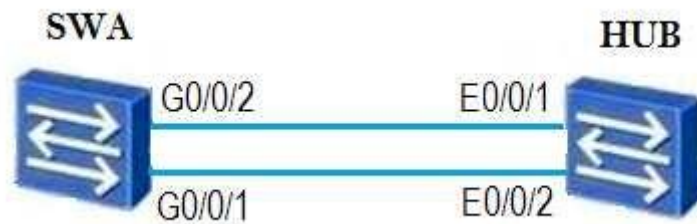A. True

B. False

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 159
Refer to the graphic.

The switch is operating using STP. All default parameters have been maintained. Which port will be assigned a designated port role?

A. G0/0/1 of switch A.
B. G0/0/2 of switch A.
C. E0/0/1 of the hub.
D. E0/0/2 of the hub.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference: