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H12-211

Huawei Certified Network Associate- Huawei Networking Technology and Device

Exam A

QUESTION 1
An administrator currently manages AR2200 devices in the network through a single password, however the company wishes to introduce another two administrators and provide unique user credentials and privilege levels for telnet access to the network devices.

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action can be taken? (Choose three)

A. Configure three users under the AAA-view, and assign each a different password.
B. The authentication mode must be changed to AAA.
C. Each administrator must be assigned a privilege level.
D. A public IP address must be assigned to each user for telnet access

Correct Answer: ABC
Section: (none)
Explanation

Explanation/Reference:

QUESTION 2
Which authentication modes does AAA support? (Choose three).

A. None
B. Local
C. Radius
D. 802.1X

Correct Answer: ABC

Section: (none)
Explanation

Explanation/Reference:
QUESTION 3
A user accesses a server supporting AAA, for which the authorization mode on the AAA server has been configured using the command "authorization-mode hwtacacs if-authenticated".

Which of the following statements regarding this command are true? (Choose three).

A. If the hwtacacs server fails to respond, the user will be authenticated using local authentication.
B. If the hwtacacs server fails to respond, the user will be authenticated using remote authentication.
C. If the hwtacacs server fails to respond, the user will bypass authentication.
D. The hwtacacs server will authorize the user.

Correct Answer: ABD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 4
Which of the following descriptions regarding eSight is not correct?

A. eSight is used to monitor and manage enterprise networks.
B. eSight supports only Huawei devices.
C. eSight supports WLAN management and monitoring of hotspot coverage.
D. eSight supports the backup of configuration files and network traffic analysis.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 5

What of the following statements is correct regarding access control list types and ranges?

A. A basic ACL value ranges from 1000-2999
B. An advanced ACL value ranges from 3000-4000
C. A layer 2 ACL value ranges from 4000-4999
D. An interface ACL value ranges 1000-2000

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 6
Which of the following parameters is not used by Advanced ACL?

A. Source interface
B. Destination port number
C. Protocol number
D. Time-range

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 7

```
[RTA]acl 2001
[RTA-acl-basic-2001]rule permit source 10.0.1.0 0.0.0.255
[RTA-acl-basic-2001]rule deny source 10.0.1.0 0.0.0.255
```

Refer to the configuration output. Which of the following statements regarding ACL 2001 is correct?

A. Packets from network 10.0.1.0/24 network will be denied.

B. Packets from network 10.0.1.0/24 network will be permitted.
C. Packets destined for network 10.0.1.0/24 will be denied.
D. Packets destined for network 10.0.1.0/24 will be permitted.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 8

```
[RTA]acl 2002
[RTA-acl-basic-2002]rule permit source 20.1.1.1 0
[RTA-acl-basic-2002]rule permit source 30.1.1.1 0
```

Refer to the configuration output. A network administrator configured the ACL on router RTA, as shown.

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Which of the following statements regarding the rule order are correct? (Choose two).

A. The rule-number of the first rule is 1
B. The rule-number of the first rule is 5
C. The rule-number of the second rule is 2
D. The rule-number of the second rule is 10

Correct Answer: BD

Section: (none)
Explanation

Explanation/Reference:

QUESTION 9

```
[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 10

```
[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 11
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 12
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 13
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 14
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 15
Which of the following descriptions regarding the TTL field of the IP packet is correct?

A. The TTL defines how many packets the source can send.
B. The TTL defines the duration during which the source can send packets.
C. The TTL value will decrement by 1 each time the packet is routed.

D. The TTL value will increment by 1 each time the packet is routed.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 16
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 17
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 18
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 19
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 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?

```
<choice ident="A">
<choice ident="B">
<choice ident="C">
<choice ident="D">
```

A. Route

B. Netstat
C. Tracert
D. Send

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 22
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 23
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 24
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 25
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 26
UDP is connectionless oriented, which of the following must be used in order to ensure reliability?

A. Internet Protocol
B. Application Layer Protocol

C. Network Layer Protocol
D. Transmission Control Protocol

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 27
A host has established a telnet connection with the router attached to interface G0/0/0.

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

A. The destination address of a frame sent by the host will be the MAC address of the router interface.
B. The destination address of a frame will be the MAC address of the switch interface.
C. The destination port number in a segment header will have a value of 80.
D. The destination IP address of a packet will be the IP address of the network interface of the router.

Correct Answer: AD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 28
The administrator uses the ping command on the host to test connectivity to the website www.huawei.com.

The command line shows a request time out. The administrator displays the ARP entries for the host.

Which entry will be found in the ARP cache table of the host?

A. The MAC address of the destination www.huawei.com will exist in the ARP cache.
B. The MAC address of the switch will exist in the ARP cache.
C. The IP address of the destination www.huawei.com will exist in the ARP cache.
D. The MAC address of router interface G0/0/0, will exist in the ARP cache.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 29
If Host B also configured the IP address as "192.168.1.1/24", an IP address config will occur. What
will happen as a result?

A. Host B will send an ICMP request to the destination with the configured IP address. If a reply is received, the host will notify of an address conflict.
B. Host A will send a gratuitous ARP request to resolve the MAC address of the destination 192.168.1.1, for which Host B will reply.
C. Host B will send a gratuitous ARP request to resolve the MAC address of the destination 192.168.1.1, for which Host A will reply.
D. Host A will ignore any received ARP request intended for destination 192.168.1.1.

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

QUESTION 30
An administrator connects two switches together in a local enterprise network. The ports of one switch support Fast Ethernet, while the ports of the other switch support Gigabit Ethernet. Hosts connected to one switch are able to communicate, however communication between the two switches fails.

What is the possible reason for this?

A. The ports have disabled auto-negotiation.
B. One port is supporting auto-negotiation, while auto-negotiation is disabled on the port of the other switch.
C. The port of one switch is operating using half duplex mode, while the port of the other switch is using full duplex mode.
D. A Fast Ethernet port cannot communicate directly with a Gigabit Ethernet port.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 31
A layer 2 LAN switch generates CAM table entries according to the ( ) of the received frame.

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

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 32

```
[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 33
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 34
Which of the following are routed protocols? (Choose two)

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

Correct Answer: AD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 35

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 36
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 37
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 38
The administrator wishes to update the configuration file of an AR2200 router using a USB cable.

How can this be achieved? (Choose two)

A. The administrator should connect the USB cable between the terminal and the mini USB port of the AR2200 router.
B. The administrator should connect the USB cable between the terminal and the USB port of the AR2200 router.
C. The AR2200 router cannot support configuration updates through a USB cable.
D. The administrator should install the mini USB drivers on the terminal after connecting the USB.

Correct Answer: AD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 39
The administrator wishes to manage a network through telnet from a user's terminal to a router.

How can this be achieved?

A. A connection should be established between the ethernet port of the terminal and the console port of the router.
B. A connection should be established between the ethernet port of the terminal and the ethernet port of the router.
C. A connection should be established between the console port of the terminal and the ethernet port of the router.use console cable connect pc's ethernet port and router's console port.
D. A connection should be established between the COM port of the terminal and the console port of the router.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 40
Whilst configuring a device, an administrator experiences trouble remembering certain commands. Which

of the following will help support the administrator? (Choose two)

A. TAB
B. question mark
C. ctrl+b
D. ctrl+c

Correct Answer: AB
Section: (none)
Explanation

Explanation/Reference:
QUESTION 41

```
<Huawei> system-view
[Huawei] user-interface console 0
[Huawei-ui-console0] user privilege level 15
[Huawei-ui-console0] authentication-mode password
[Huawei-ui-console0] set authentication password cipher huawei2012
[Huawei-ui-console0] quit
```

Refer to the configuration output. The administrator configured the device using the commands in the configuration output. Regarding these commands, which statement is false?

A. The administrator wishes to enable management through the console interface.
B. Following configuration, the administrator cannot manage the device remotely.
C. A user that logs-in through the console interface is assigned the highest privilege level.
D. The password of a user logged in through console is 'cipher huawei2012'.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 42
Which of the following is abbreviation of VRP?

A. Versatile Routine Platform
B. Virtual Routing Platform
C. Virtual Routing Plane
D. Versatile Routing Platform

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
QUESTION 43
Which of the following parameter settings for terminal emulation are correct when configuring a Huawei router through the Console port?

A. 4800bps, 8 data bits,1 stop bits, odd parity check, and no flow control
B. 9600bps, 8 data bits, 1 stop bits, no parity check, and no flow control
C. 9600bps, 8 data bits, 1 stop bits, even parity check, and hardware flow control
D. 19200bps, 8 data bits, 1 stop bits, no parity check, and no flow control

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 44
On VRP platform, the command lines are classified into four levels in increasing priority: Visit level, Monitoring level, Configuration level, and Management level. At which level, the operator is permitted to configure service but is not permitted to operate the file system?

A. Visit level
B. Monitoring level
C. Configuration level
D. Management level

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 45
On Huawei VRP platform, which of the following can be used to invoke the history command saved by the command line interface? (Choose two)

```
<choice ident="A">
<choice ident="B">
<choice ident="C">
<choice ident="D">
```

A. Up cursor key < >
B. Left cursor key < >
C. Ctrl+P
D. Ctrl+U

Correct Answer: AC
Section: (none)
Explanation

Explanation/Reference:

QUESTION 46
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 47

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 48

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 49
Which of the following storage devices is used to store the startup configuration files in a router?

```
<choice ident="A">
<choice ident="B">
<choice ident="C">
<choice ident="D">
```

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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 50
<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 51

```
<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 52
<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 53
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 54
A DHCP server in the enterprise network is being used to allocated IP addresses to hosts. An administrator discovers however that some hosts are obtaining IP addresses outside of the scope of the DHCP server's address pool.

What are the possible reasons for this? (Choose three).

A. Another DHCP server exists in the network and is allocating IP addresses to hosts that happen to be within a closer proximity than the authorized DHCP server.
B. The hosts were unable to discover a DHCP server and therefore generated their own address in the 169.254.0.0 address range.
C. The hosts were unable to discover a DHCP server and therefore generated their own address in the 127.254.0.0 address range.
D. All addresses from the DHCP pool have been assigned.

Correct Answer: ABD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 55
The IP addresses of clients in the network are deployed via a DHCP server. When a host reboots, which message will the host first send to the DHCP server?

A. DHCP DISCOVER
B. DHCP REQUEST
C. DHCP OFFER
D. DHCP ACK

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 56
A DHCP Unique Identifier (DUID) in DHCPv6 can be configured in VRP using which formats? (Choose two).

A. DUID-LL
B. DUID-LLT
C. DUID-EN
D. DUID-LLC

Correct Answer: AB
Section: (none)
Explanation

Explanation/Reference:

QUESTION 57
Which of the following statements about the information contained in a Database Description packet are true? (Choose three)

A. A Database Description packet contains all information about each LSA.
B. A Database Description packet contains only the header of an LSA.
C. The header of an LSA is the unique identifier of the LSA.
D. The header of an LSA is only a small portion of all the data of the LSA.

Correct Answer: BCD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 58
How many domains can be configured on a Huawei router?

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

Correct Answer: A
Section: (none)
Explanation

QUESTION 59
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?

```
<choice ident="A">
<choice ident="B">
<choice ident="C">
<choice ident="D">
```

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

Correct Answer: C
Section: (none)
Explanation

QUESTION 60
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

QUESTION 61
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 62
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 63
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 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
Which of the following commands can be used to display mapping relationship between network address and DLCI?

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

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 68
An administrator wishes to update the VRP software of company's AR2200 router. How can this be achieved? (Choose three)

A. The administrator can use FTP to transfer the VRP software, with the AR2200 router as the FTP client.
B. The administrator can use FTP to transfer the VRP software, with the AR2200 router as the FTP server.
C. The administrator can use TFTP to transfer the VRP software, with the AR2200 router as the TFTP server.
D. The administrator can use TFTP to transfer the VRP software, with the AR2200 router as the TFTP client.

Correct Answer: ABD

Section: (none)
Explanation

Explanation/Reference:

QUESTION 69
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 70
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 71
When using VRP, which of the following commands is used to configure the data link layer encapsulation type of a serial interface as HDLC?

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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 72
Two routers establish an IPsec tunnel, which of the following does not need to be the same on both peering devices?

A. Encapsulation mode
B. Transform mode
C. Proposal name
D. authentication algorithm

Correct Answer: C
Section: (none)

Explanation

Explanation/Reference:

QUESTION 73
Which of the following IPv6 addresses can be configured on a router's interface? (Choose two).

A. fe80:13dc::1/64
B. ff00:8a3c::9b/64
C. ::1/128
D. 2001:12e3:1b02::21/64
Correct Answer: AD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 74
Which of the following descriptions regarding IPv6 addresses are correct? (Choose two)

A. IPv6 addresses are 64 bits in length.
B. IPv6 addresses are 128 bits in length.
C. IPv6 extension headers are processed in order.
D. IPv6 extension headers are processed randomly.

Correct Answer: BC
Section: (none)
Explanation

Explanation/Reference:

QUESTION 75
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 76
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 77
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 78
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 79
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 80
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 81
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 82
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
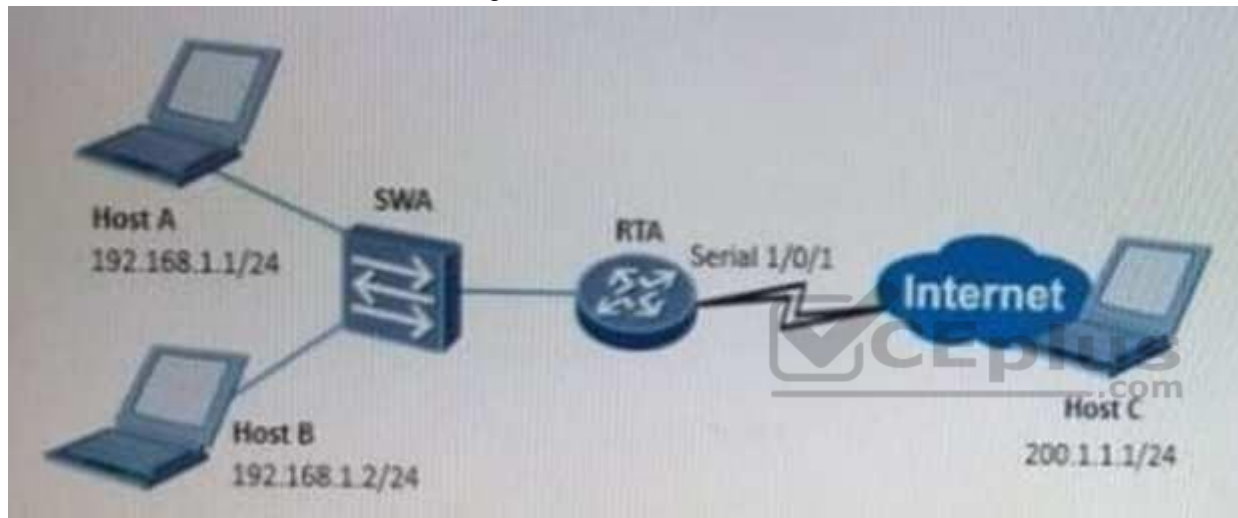**Section: (none)**
Explanation

Explanation/Reference:

QUESTION 83
The network administrator needs to configure static NAT on RTA, in order to allow Host A to communicate with Host C.

Which command is correct?

A. [RTA-Serial1/0/1]nat outbound 200.1.1.10
B. [RTA-Serial1/0/1]nat static global 200.1.1.10 inside 192.168.1.0
C. [RTA-Serial1/0/1]nat static global 192.168.1.1 inside 200.1.1.10
D. [RTA-Serial1/0/1]nat static global 200.1.1.10 inside 192.168.1.1

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 84

[RTA-GigabitEthernet0/0/0]nat outbound 2000 address-group 1 Refer

to the configuration output. What does the value "2000" refer to?

A. It represents the ACL number.
B. It represents the NAT number.
C. It represents the translated port number.
D. It represents the number of bytes that can be translated before the address is returned to the public address pool.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 85

NAPT uses the same public address but different port numbers to translate private addresses.

Which statement regarding the port number is correct?

A. It is necessary to configure port number mapping manually.
B. It is only necessary to configure the port number range.
C. It is not necessary to configure port numbers.
D. An access control list is needed to assign port numbers.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 86

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 87
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 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
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 91
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 92
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 93
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 94
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 95
Which of the following statements about router IDs are true? (Choose two)

A. The routers contained in the same LSDB have the same router ID.
B. Each router in an OSPF network must have a unique router ID.
C. Two routers in different OSPF areas can have the same router ID.
D. A router ID is expressed in a 32-bit dotted decimal format.

Correct Answer: BD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 96
OSPF allows for "multiple" processes. By default, OSPF selects a process whose number is ( ).

A. 0
B. 1
C. 10
D. 100

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 97

Destination/Mask protocol pre Cost Nexthop Interface

9.0.0.0/8 OSPF 10 50 1.1.1.1 Serial 1/0/0
9.1.0.0/16 RIP 100 5 2.2.2.2 Ethernet 0/0/1

Refer to the graphic. Which of the following statements is correct when this router forwards the packet to the destination host 9.1.4.5?

A. The router selects the first entry to match the destination address of the packet because the preference of OSPF is higher than the preference of RIP.
B. The router selects the second entry to match the destination address of the packet because the cost of RIP is lower than that of OSPF.
C. The router selects the second entry to match the destination address of the packet because the outgoing interface is an Ethernet interface. The forwarding speed of an Ethernet interface is faster than the forwarding speed of a serial interface
D. The router selects the second entry to match the destination address of the packet because the router will match the most specific address.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 98
According to the default value of route preference on the VRP platform, which of the following represent the correct sequence for direct route, static route, RIP and OSPF if they are listed from high preference to low preference?

A. Direct, Static, RIP, OSPF
B. Direct, OSPF, Static, RIP
C. Direct, OSPF, RIP, StaticD. Direct, RIP, Static, OSPF

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 99

After checking the OSPF neighbor state, the administrator discovers that the router has established a TWOWAY state with the peering router.

What can be understood from this information? (Choose two)

A. The routers are configured using the same process ID
B. The routers are configured using the same area ID
C. The routers are configured using wrong router ID
D. The routers are considered DROthers in a broadcast network

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 100

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 101

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 102
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 103
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 104
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 105
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 106
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 107
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 108
To establish multiple PPP point-to-point connections in the Ethernet network, a PPPoE server establishes connections with multiple PPPoE clients on one Ethernet port.
How does PPPoE differentiate between each connection?

A. MAC address.
B. IP address and MAC address
C. MAC address and ppp-id
D. MAC address and session-id

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 109
When configuring a router as a PPPoE client, which configuration is not necessary?

A. Configuration of the dialer-rule
B. Configuration of the dialer interface
C. Configuration of an IP address on the dialer interface
D. Configuration of a password on the dialer interface

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 110
In the PPPoE discovery stage, the PPPoE server assigns a session-id to the PPPoE client in which packet?

A. PADI
B. PADO
C. PADR
D. PADS

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 111
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 112
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 113
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 114
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 115

As specified by the RSTP protocol, when a root port fails, which type of port will function as a new root port and enters the forwarding state without any delay?

A. Forwarding Port
B. Alternate Port
C. Backup Port
D. Edge Port

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

QUESTION 116
In STP, the priority of the STP root switch ranges from 0 to 65536.

A. True
B. False
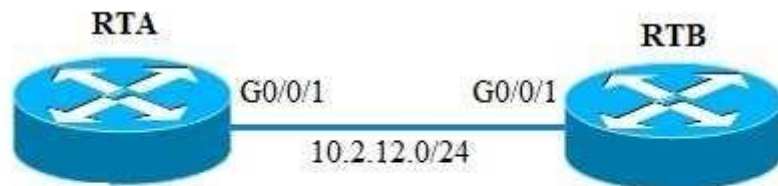
Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 117
Refer to the graphic. RTA and RTB are running RIPv1. RTA has advertised 10.0.0.0 and 192.168.1.0 to the RIP network. Which routes will exist in the IP routing table of RTB? (Choose all that apply)

loopback0 : 10.1.12.1/32
loopback1 : 192.168.1.1/32

A. 10.0.0.0/8
B. 192.168.1.1/32C. 10.1.12.1/32
D. 192.168.1.0/24

Correct Answer: AD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 118
Which of the following configurations regarding static route are correct? (Choose all that apply)

A. ip route-static 129.1.0.0 16 serial 0
B. ip route-static 10.0.0.2 16 129.1.0.0
C. ip route-static 129.1.0.0 16 10.0.0.2
D. ip route-static 129.1.0.0.255.255.0.0 10.0.0.2

Correct Answer: ACD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 119
Refer to the graphic. OSPF is used on four routers that are in the same area and on the same network segment. In this scenario, OSPF selects one DR and multiple BDRs to ensure backup.
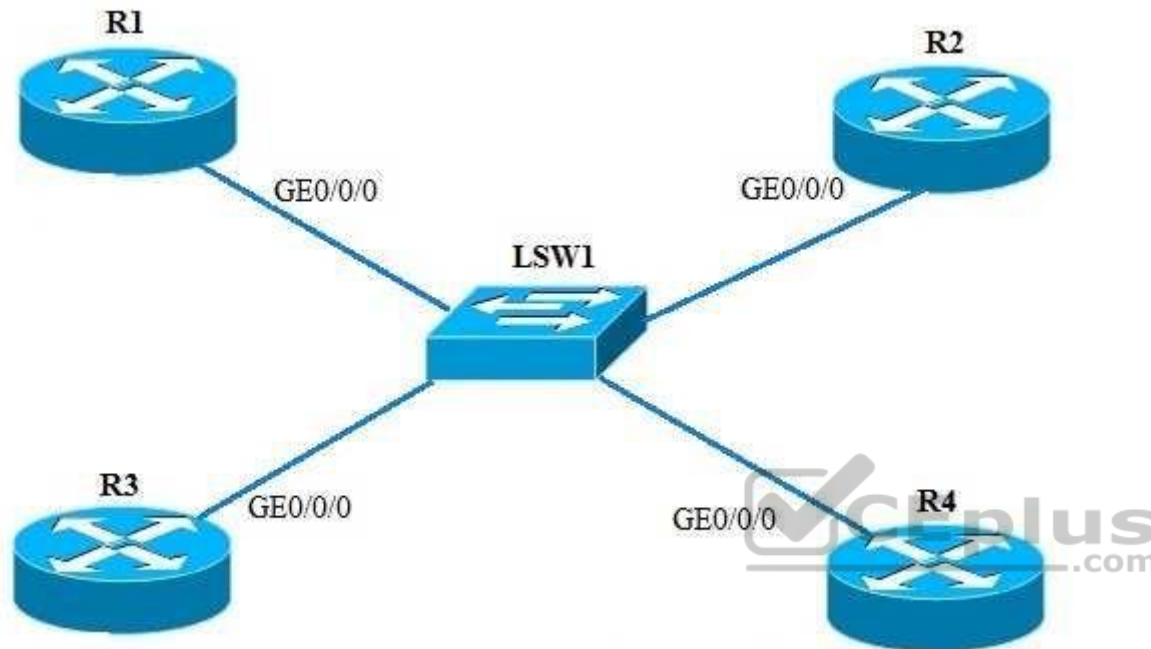
A. True
B. False

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 120
On Huawei devices, you can use the undo summary command to prohibit automatic route summarization of RIPv2.

A. True
B. False

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 121
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 122
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

QUESTION 123
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 124
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 125
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 126
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 127
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 128
Refer to the graphic, 00e0-fc99-9999 is a specific host MAC address learned by a switch through ARP and the host changes the IP address three times.

```
<Huawei>display arp dynamic
IP ADDRESS        MAC ADDRESS        EXPIRE(M)  TYPE  INTERFACE      VPN-INSTANCE  VLAN/CEVLAN   PVC
-----------------------------------------------------------------------------------------------------
10.137.217.210    00e0-fc01-0203                | -   Ethernet1/0/0
10.2.2.1          00e0-fc99-9999                | -   Eth-Trunk0
192.168.20.1      00e0-fc99-9999                | -   Vlanif100
10.0.0.1          00e0-fc99-9999                | -   Vlanif200
-----------------------------------------------------------------------------------------------------
Total:7           Dynamic:2          Static:0   Interface:5
```

A. TRUE
B. FALSE

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 129
Which of the following statements are true about ICMP messages? (Multiple Choice)

A. ICMP messages can record time, including the original time, packet receiving time, and packet sending time.
B. ICMP messages are encapsulated in IP packets but not at the transport layer.
C. ICMP messages include error messages, control messages, request/response messages, and update messages.

D. ICMP does not support redirection.

E. ICMP messages cannot be used to detect a path's MTU.

Correct Answer: BC
Section: (none)
Explanation

Explanation/Reference:
QUESTION 130
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 131
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 132
Refer to the graphic, which of the following statements is true about OSPF topology and configuration?

R1   **R2**

GE0/0/0   GE0/0/0

[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

QUESTION 133
In an RIP process on a Huawei device, which of the following configurations are correct for advertising network 10.1.1.1/30? (Multiple Choice)

A. network 10.1.1.0
B. undo summary
    network 10.1.1.0
C. version 2undo summary network 10.0.0.0
D. undo summary
    network   10.1.0.0
E. network 10.0.0.0

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 134
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 135

A DHCP Offer packet can carry only one DNS server address.

A. TRUE
B. FALSE

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 136
Refer to the graphic, after the ping 10.1.1.2 command is executed on R1, LSW1 receives a tagged data frame from VLAN 10 on LSW2.

```
[R2]interface GigabitEthernet0/0/0
[R1- GigabitEthernet0/0/0]ip address 10.1.1.1 255.255.255.0
#
[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 link-type trunk
[LSW1-GigabitEthernet0/0/2]port trunk allow-pass vlan 10 20
#
[LSW2]interface GigabitEthernet0/0/2
[LSW2-GigabitEthernet0/0/2]port link-type trunk
[LSW2-GigabitEthernet0/0/2]port trunk allow-pass vlan 10 20
[LSW2]interface vlanif 10
[LSW2-Vlanif10]ip address 10.1.1.2 255.255.255.0
```

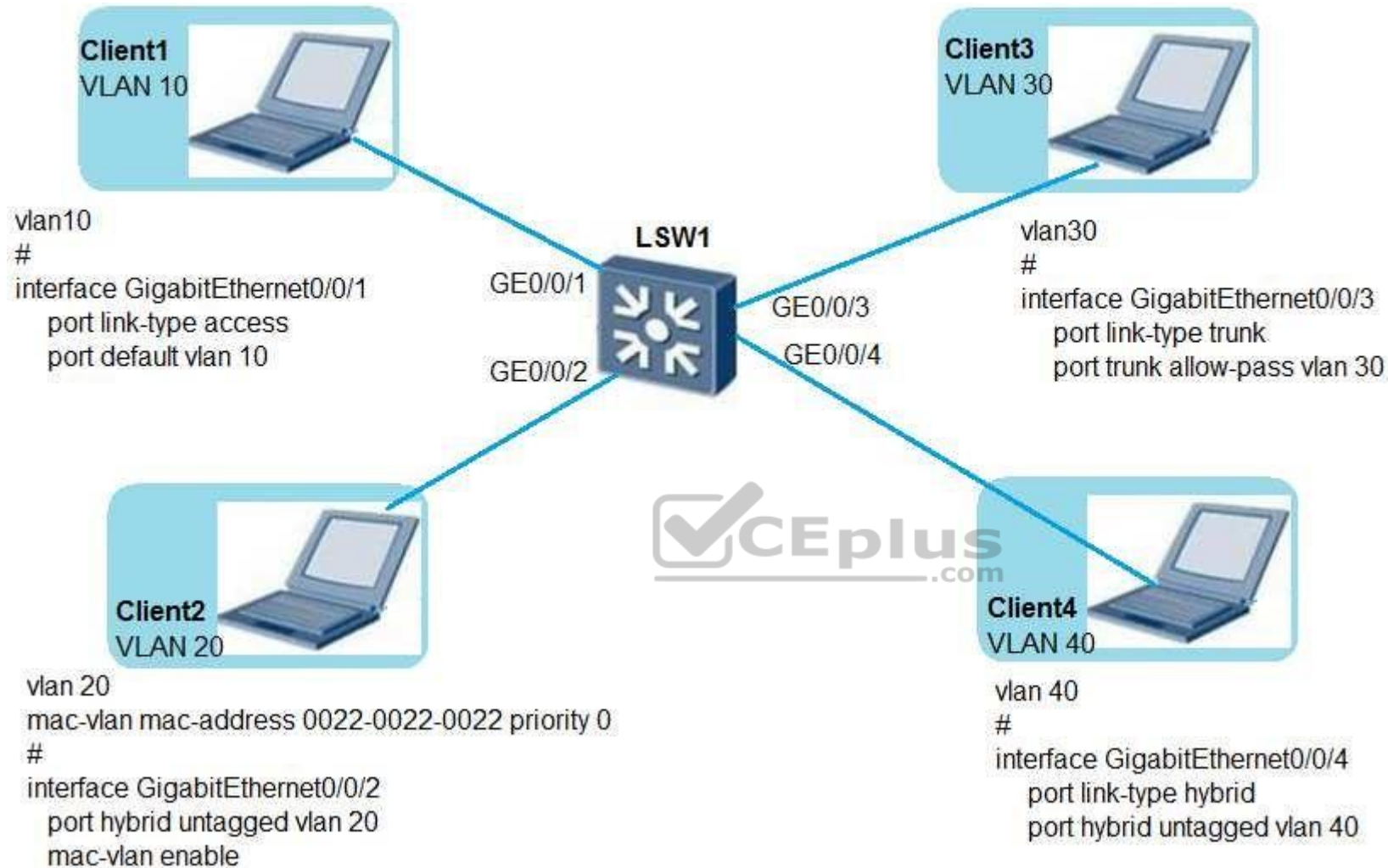A. TRUE
B. FALSE

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 137
Refer to the graphic, which of the following statements are true about VLAN configuration on Huawei switches? (Multiple Choice)

Client1
VLAN 10

vlan10
#
interface GigabitEthernet0/0/1
    port link-type access
    port default vlan 10

Client3
VLAN 30

vlan30
#
interface GigabitEthernet0/0/3
    port link-type trunk
    port trunk allow-pass vlan 30

LSW1

GE0/0/1

GE0/0/3
GE0/0/4

GE0/0/2

Client2
VLAN 20

vlan 20
mac-vlan mac-address 0022-0022-0022 priority 0
#
interface GigabitEthernet0/0/2
    port hybrid untagged vlan 20
    mac-vlan enable

Client4
VLAN 40

vlan 40
#
interface GigabitEthernet0/0/4
    port link-type hybrid
    port hybrid untagged vlan 40

A. Client1 belongs to VLAN 10 and the VLAN assignment command on LSW1 is correct.
B. Client2 belongs to VLAN 20, and the MAC address-based VLAN assignment command on LSW1 is correct.
C. Client3 is in VLAN 30, and the VLAN assignment command on LSW1 is correct.
D. Client4 belongs to VLAN 40, and the VLAN assignment command on LSW1 is correct.
E. Client4 does not belong to VLAN 40, and the VLAN assignment command on LSW1 is incorrect.

Correct Answer: ACD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 138
Which of the following statements is true about the PPP configuration and deployment?

A. PPP cannot be used to deliver IP addresses.
B. PPP supports both CHAP and PAP authentication.
C. PPP cannot change the keepalive time.
D. PPP does not support bidirectional authentication.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 139
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 140
Which SNMP version focuses on two main aspects, namely security and administration. The security aspect is addressed by offering both strong authentication and data encryption for privacy. The administration aspect is focused on two parts, namely notification originators and proxy forwarders.

A. SNMPv1
B. SNMPv2
C. SNMPv2c
D. SNMPv3

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference: