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Huawei Network Technology and Device Exam

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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. What 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

Answer: A, B, C

Question: 2

Which of the following authentication methods are supported for Telnet users? (Choose three)

A. Password authentication
B. AAA local authentication
C. MD5 authentication
D. No authentication

Answer: A, B, D

Question: 3

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

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

Answer: A, B, C

Question: 4

[RTA]aaa
[RTA-aaa]domain huawei
[RTA-aaa-domain-huawei]authentication-scheme au1
[RTA-aaa-domain-huawei]authentication-scheme au2
Refer to the configuration output. RTA has been configured using AAA as shown, and associated with the "huawei" domain. For users in the huawei domain, which authentication-scheme will be used

A. au1
B. au2
C. au1 will be used. When au1 is deleted, users will use au2
D. au2 will be used. When au2 is deleted, users will use au1

Answer: B

Question: 5

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.

Answer: A, B, D

Question: 6

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.

Answer: B

Question: 7

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

Answer: C

Question: 8

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

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

Answer: A

Question: 9

[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.

Answer: B

Question: 10

[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. 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

Answer: B, D

Question: 11

Refer to the graphic. The network administrator has configured ACL 2000 to filter packets on RTA, as shown.
Which of following statements regarding the subsequent behavior are correct? (Choose two).

A. RTA will forward packets received from Host A.
B. RTA will drop packets received from Host A.
C. RTA will forward packets received from Host B.
D. RTA will drop packets received from Host B.

Answer: B, C

Question: 12

Refer to the graphic. The network administrator wishes to deny Host A access to the HTTP server but allow access to all other servers. Which of the following ACL rules will achieve this?

A. Rule deny tcp source 10.1.1.1 0 destination 202.100.1.12 0.0.0.0 destination-port eq 21
B. Rule deny tcp source 10.1.1.1 0 destination 202.100.1.12 0.0.0.0 destination-port eq 80
C. Rule deny udp source 10.1.1.1 0 destination 202.100.1.12 0.0.0.0 destination-port eq 21
D. Rule deny udp source 10.1.1.1 0 destination 202.100.1.12 0.0.0.0 destination-port eq 80

Answer: B

Question: 13

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

Answer: A, B, C

Question: 14

[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.

Answer: A

Question: 15

[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.

Answer: A, D

Question: 16

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.

Answer: A, B

Question: 17

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

Answer: C, D

Question: 18

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.

Answer: B

Question: 19

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

Answer: A

Question: 20

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

Answer: C

Question: 21

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

Answer: D

Question: 22

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

A. Acknowledgement
B. Buffering
C. Source quench messages
D. Windowing

Answer: B, C, D

Question: 23

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 capured 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.

Answer: B

Question: 24

An Ethernet frame is captured by network protocol analyzer tool and the value of Type/Length field is 0x0800. Which of the following statements about the frame are correct? (Choose two)

A. The frame structure of the frame is Ethernet_II
B. The frame structure of the frame is 802.3
C. Its upper layer protocol is IP
D. Its upper layer protocol is IPX

Answer: A, C

Question: 25

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.

Answer: C

Question: 26

Which of the following statements are correct about TTL field in IP packet? (Choose two)
<choice ident="A">
<choice ident="B">
<choice ident="C">
<choice ident="D">

A. The maximum value of TTL is 65535
B. Normally, it's impossible for a router to receive a packet whose TTL is zero.
C. The main purpose of TTL is to prevent IP packets from circulating endlessly in a network which can consume a lot of bandwidth
D. TTL value will be decremented as a packet is passed through the network devices such as hub, LAN switch and router.

Answer: B, C

Question: 27

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

Answer: A

Question: 28

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 address
D. Source address

Answer: D

Question: 29

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.

Answer: A, B, D

Question: 30

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

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

Answer: A, C

Question: 31

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 canot find a route to the destination.
D. This is a normal phenomenon.

Answer: B, C

Question: 32

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.

Answer: A

Question: 33

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

Answer: A, D

Question: 34

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.

Answer: A

Question: 35

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.

Answer: C

Question: 36

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

Answer: C

Question: 37

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

Answer: A

Question: 38

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

Answer: B, C

Question: 39

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

Answer: A

Question: 40

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.

Answer: B, C

Question: 41

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.

Answer: C

Question: 42

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.

Answer: D

Question: 43

Which of the following statements about gratuitous ARP packets are true? (Choose two)

A. A system can determine whether conflicting IP addresses are used by sending a gratuitous ARP packet
B. A gratuitous ARP packet uses the same format as an ARP request packet.
C. A gratuitous ARP packet can help to update an IP address.
D. A gratuitous ARP packet uses the same format as an ARP reply packet.

Answer: A, B

Question: 44

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

Answer: B

Question: 45

The administrator has configured an IP address for Host A and Host B, but had forgotten to configure a default gateway. What effect will this have on the hosts?

A. Neither host will be affected, and therefore will be able to communicate with the peer.

B. Host A will be unable to connect to the router's G0/0/0 interface.
C. Hosts will be unable to comminicate unless arp-proxy is enabled on the router.
D. The host will be unable to reach neither the local nor remote network destinations .

Answer: C

Question: 46

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.

Answer: A, D

Question: 47

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.

Answer: D

Question: 48

When R2 forwards data to R3 from R1, which of the following items will change? (Choose two)

A. The source MAC address
B. The destination MAC address
C. The source IP address
D. The destination IP address

Answer: A, B

Question: 49

If Host B also configured the IP address as “192.168.1.1/24”, an IP address confict 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.

Answer: C

Question: 50

<Quidway>display mac-address

MAC Address VLAN/VSI Learned-From Type

5489-98ec-f018 1/- GE0/0/13 dynamic

Total items displayed = 1
Refer to the graphic. A switch attempts to forward a frame to the MAC destination 5489-98ec-f01. What operation will occur on the switch?

A. The switch will send a request to obtain the MAC address of 5489-98ec-f011.
B. The switch will report that the destination is unreachable and report this to the source.
C. The switch will flood the frame via all ports, with exception of the port on which the frame was received.
D. The switch will drop the frame because it does not have an entry in its MAC address table.

Answer: C

Question: 51

Host A has been connected to switch A and configured with an IP address. When Host A initially forwards a frame, what action will be taken by Switch A?

A. Switch A will drop this frame.
B. Switch A will attempt to flood the frame to all ports except for the G0/0/1 interface.
C. Switch A will forward the frame via ports G0/0/1, G0/0/2 and G0/0/3.
D. Switch will receive this frame before returning the frame to G0/0/1.

Answer: B

Question: 52

Which of the following statements describes the network shown? (Choose two)

A. There are 6 collision domains in the network.
B. There are 2 broadcast domains in the network.
C. There are 4 collision domains in the network.
D. There are 6 broadcast domains in the network.

Answer: B, C

Question: 53

A server is linked to port interface G0/0/1 of a switch. The administrator wishes to allow only this server to be linked to this interface on the switch. Which method can be used to achieve this?

A. Configure a static ARP entry using the server's IP address and MAC address in the switch.
B. Configure a static MAC address binding entry of the server's MAC address and the interface in the switch.
C. Configure the default gateway of the switch to be the same as the server's IP address.
D. It is not possible to enable a single device to be associated with an interface.

Answer: B

Question: 54

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.

Answer: A

Question: 55

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

Answer: A

Question: 56

Which of the following statements about collision domains and broadcast domains are correct? (Choose three)

A. Devices connected to the same hub form a collision domain
B. Devices connected to the same hub form a broadcast domain
C. Devices connected to the same bridge form a collision domain
D. Devices connected to the same bridge form a broadcast domain
E. Devices connected to the same router form a broadcast domain

Answer: A, B, D

Question: 57

Which of the following statements regarding layer-2 switch is incorrect?

A. The switch learns MAC addresses automatically
B. The layer-3 header is modified before the received packet is transmitted
C. The layer-2 header is modified before the received packet is transmitted.
D. The layer-2 LAN switch operates at data link layer

Answer: B

Question: 58

[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.

Answer: D

Question: 59

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.

Answer: C

Question: 60

Which of the following are routed protocols? (Choose two)

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

Answer: A, D

Question: 61

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

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

Answer: B, D

Question: 62

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

Answer: B

Question: 63

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

A. source address
B. next hop
C. destination address
D. cost

Answer: A

Question: 64

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

Answer: A, B, D

Question: 65

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

Answer: A

Question: 66

The network administrator has configured the router as shown. Which statement is false?

A. The configuration manages the user login through the console interface.
B. The user login through vty 0 has the privilege to run level 2 commands.
C. The user login through telnet has the privilege to run level 2 commands.
D. The configuration manages the telnet user login.

Answer: A

Question: 67

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 two)

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

Answer: A, C

Question: 68

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 sytem-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 sytem-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.

Answer: A, C

Question: 69

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.

Answer: C

Question: 70

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

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.

Answer: C, D

Question: 71

On the interface serial 1/0/1 of RTA, the command “ip address unnumbered interface loopback 0” has been configured. Which following statements are correct? (Choose two).

A. The IP address of interface serial 1/0/1 is 10.1.1.1/24
B. The IP address of interface serial 1/0/1 is 10.1.1.1/32
C. The route entry 10.1.1.0/24 exists in RTA’s routing-table
D. The route entry 10.1.1.0/24 does not exist in RTA’s routing-table

Answer: B, D

Question: 72

Refer to the graphic. The host has a problem establishing a telnet connection with the router attached to interface G0/0/0. Which of the following steps can be used to help the administrator identify the problem? (Choose two)
<choice ident=“A”>
<choice ident=“B”>
<choice ident=“C”>
<choice ident=“D”>

A. Check whether the host has configured the gateway IP address.
B. Check whether the switch has configured the gateway IP address.
C. Use the ping tool to check connectivity between host and router.
D. Check the telnet server configuration is right on the router.

Answer: C, D

Question: 73

Which of the following methods are supported by VRP platform to configure the router? (Choose three)

A. Through the Console port
B. Through Telnet
C. Through the AUX port
D. Through FTP

Answer: A, B, C

Question: 74

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.

Answer: A, D

Question: 75

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.

Answer: B

Question: 76

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

Answer: A, B

Question: 77

<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'

Answer: D

Question: 78

Which of the following is abbreviation of VRP?

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

Answer: D

Question: 79

Which of the following must be used to establish the configuration environment when a router is powered on for the first time?

A. SSL
B. SSH
C. Console port
D. Telnet

Answer: C

Question: 80

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

Answer: B

Question: 81

Which of the following commands is used to enter the system-view from the user view on a Huawei router?

A. system-view
B. enable
C. configure terminal
D. interface system

Answer: A

Question: 82

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

Answer: C

Question: 83

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

Answer: A, C

Question: 84

Which of the following commands can be used to view the current configurations on a Huawei router?

A. display current-configuration
B. display saved-configuration
C. view saved-configuration
D. show startup-configuration

Answer: A

Question: 85

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

Answer: B

Question: 86

<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.

Answer: B

Question: 87

<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 totalling up to 20 bytes can be saved in the buffer.

Answer: A, C

Question: 88

An AR2200 router is required to be reconfigured from scratch. Which steps are needed to achieve this? (Choose two)

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.

Answer: A, C

Question: 89

An adminstrator 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 permenantly 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

Answer: B

Question: 90

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

Answer: C

Question: 91

Which of the following storage devices are supported by Huawei router? (Select 4 Answers)

A. SDRAM
B. NVRAM
C. Flash
D. Hard Disk

E. CF Card

Answer: A, B, C, E

Question: 92

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

Answer: B

Question: 93

<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.

Answer: A, B

Question: 94

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

Answer: C

Question: 95

<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.

Answer: C

Question: 96

<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.

Answer: C

Question: 97

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.

Answer: B

Question: 98

<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 two)

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.

Answer: B, D

Question: 99

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

Answer: C

Question: 100

[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

Answer: B

Question: 101

A DHCP server has been established in the enterprise network. After the client has obtained an IP address from the DHCP server, the user decided to modify the IP address manually. In what way may this affect the enterprise network? (Choose two).

A. The client may experience an IP address conflict.
B. The client may access the network normally.
C. The client's interface connection will shutdown.
D. The client will associate with another DHCP server.

Answer: A, B

Question: 102

Refer to the graphic. Two switches have been connected as shown and both support STP. The administrator has configured switch A as a DHCP server and set interface VLANIF1 of switch B to obtain an IP address from switch
A. A link failure occurs on port interface G0/0/1 of switch B. What action will occur as a result?
A. The two switches will be unable to communicate.
B. Switch B will send a DHCP Discovery message to obtain a new IP address.
C. Swich B will continue to use the IP address obtained from Switch A
D. Switch B will send a DHCP Release message to release the IP address.

Answer: C

Question: 103

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

Answer: A, B, D

Question: 104

Router] ip pool pool1
[Router-ip-pool-pool1] network 10.10.10.0 mask 255.255.255.0
[Router-ip-pool-pool1] gateway-list 10.10.10.1
[Router-ip-pool-pool1] quit
[Router] ip pool pool2
[Router-ip-pool-pool2] network 10.20.20.0 mask 255.255.255.0
[Router-ip-pool-pool2] gateway-list 10.20.20.1
[Router-ip-pool-pool2] quit
[Router] interface GigabitEthernet 0/0/1
[Router-GigabitEthernet0/0/1] ip address 10.10.10.1 24
[Router-GigabitEthernet0/0/1] dhcp select global
Refer to the configuration output. Following configuration, a host is connected to the interface Gigabit Ethernet 0/0/1 of the router. Which IP address will the client obtain?
<choice ident="A">
<choice ident="B">
<choice ident="C">
<choice ident="D">

A. An IP address from network 10.10.10.0/24 will be assigned.
B. An IP address from network 10.20.20.0/24 will be assigned.
C. The host will be unable to obtain an IP address.
D. An IP address may be assigned from either 10.10.10.0/24 or 10.20.20.0/24.

Answer: A

Question: 105

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

Answer: B

Question: 106

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

Answer: A, B

Question: 107

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.

Answer: B, C, D

Question: 108

What is the default authentication mode for the default_admin domain?

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

Answer: B

Question: 109

How many domains can be configured on a Huawei router?

A. 30
B. 31

C. 32
D. 33

Answer: A

Question: 110

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

Answer: C

Question: 111

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

Answer: C

Question: 112

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.

Answer: A

Question: 113

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

Answer: D

Question: 114

Refer to the graphic. Which of the following statements correctly describe the Frame Relay devices? (Choose two)

A. RTA is a DTE device.
B. FRA is a DTE device.
C. FRB is a DCE device.
D. The interface on RTA is a DCE interface

Answer: A, C

Question: 115

Refer to the graphic. RTA and RTB are connected over a Frame Relay network using a DLCI, as shown. Static mapping is required on RT
A. Which of the following commands will achieve this?
A. [RTA-Serial1/0/1]fr map ip 172.16.1.1 30
B. [RTA-Serial1/0/1]fr map ip 172.16.1.1 31
C. [RTA-Serial1/0/1]fr map ip 172.16.2.1 30
D. [RTA-Serial1/0/1]fr map ip 172.16.2.1 31

Answer: C

Question: 116

Refer to the graphic. RTA is a DTE device connected to a Frame Relay switch, and uses dynamic address mapping to establish the PVC. With regards to the configuration, which of the following commands are not necessary? (Choose two).

A. [RTA-Serial1/0/1]ip address 172.16.1.1 24
B. [RTA-Serial1/0/1]link-protocol FR
C. [RTA-Serial1/0/1]fr interface-type dte
D. [RTA-Serial1/0/1]fr inarp

Answer: C, D

Question: 117

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

Answer: B

Question: 118

Which of the following protocols is used in Frame Relay to map the address to DLCI dynamically?
<choice ident="A">
<choice ident="B">
<choice ident="C">
<choice ident="D">

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

Answer: C

Question: 119

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

Answer: A, D

Question: 120

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

Answer: A, C, D

Question: 121

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

Answer: A

Question: 122

What is the meaning of 200 in the command "fr map ip 10.1.1.2 200"?

A. remote logical channel ID
B. local DLCI
C. remote interface ID
D. remote node ID

Answer: B

Question: 123

Refer to the graphic.RTA and RTB connect to a Frame Relay switch and use dynamic address mapping. The command “fr map ip 10.0.1.1 32” is then configured on RTB, without using the undo inarp command. What will occur as a result? (Choose two).

A. RTB will be unable to communicate with RTA
B. 10.0.1.1 will still be mapped to DLCI 31 on RTB
C. 10.0.1.1 will still be mapped to DLCI 32 on RTB
D. DLCI 32 will be activated on RTB

Answer: A, C

Question: 124

Refer to the graphic. RTA and RTB are connected to the same Frame Relay switch and use same DLCI number, which following is correct? (Choose two).

A. RTA and RTB must be associated with the same PVC
B. RTA and RTB can be associated with different PVC's
C. The DLCI on the different physical interfaces can be the same
D. The DLCI on the different physical interfaces cannot be the same

Answer: B, C

Question: 125

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

Answer: C

Question: 126

Which of following may be the reasons that cause Frame Relay PVC to work abnormally? (Choose three)

A. Same DLCI number is configured on the same router
B. LMI type mismatch
C. Frame Relay encapsulation type mismatch
D. Incorrect configuration of the DLCI number

Answer: B, C, D

Question: 127

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.

Answer: A, B, D

Question: 128

An administrator wishes to implement new features in the network, but the VRP version of one AR2200 router is out of date. The administrator needs to upgrade the VRP software. Which of the following options regarding file transfer is false?

A. The AR2200 router can function as a TFTP client to support the upgrade.
B. The AR2200 router can function as the TFTP server to support the upgrade.
C. The AR2200 router can function as the FTP server to support the upgrade.
D. The AR2200 router can function as an FTP client to support the upgrade.

Answer: B

Question: 129

FTP and TFTP can be used to update the system file on Huawei routers. Which of the following statements are correct? (Choose three)
<choice ident="A">
<choice ident="B">
<choice ident="C">
<choice ident="D">

A. Huawei router can be configured as FTP Client
B. Huawei router can be configured as FTP Server
C. Huawei router can be configured as TFTP Client
D. Huawei router can be configured as TFTP Server

Answer: A, B, C

Question: 130

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.

Answer: C

Question: 131

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

Answer: A

Question: 132

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

Answer: A, C

Question: 133

Refer to the graphic. RTA and RTB have established a GRE tunnel, but only RTA has enabled the keepalive function. When RTB receive a keepalive message from RTA, how will RTB respond?

A. RTB will discard the keepalive message.
B. RTB willl record receipt of the keepalive message but won’t reply
C. RTB will send a keepalive in response.
D. RTB will send a keepalive reply and begin to actively send keepalive messages.

Answer: C

Question: 134

Refer to the graphic. Two hosts communicate through a GRE tunnel. When the GRE tunnel is up, the network administrator configures a static route on RTA to route packets to Host B. Which of the following commands will achieve this?

A. ip route-static 10.1.2.0 24 GigabitEthernet0/0/1
B. ip route-static 10.1.2.0 24 200.2.2.1
C. ip route-static 10.1.2.0 24 200.1.1.1
D. ip route-static 10.1.2.0 24 tunnel 0/0/1

Answer: D

Question: 135

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

Answer: B

Question: 136

Refer to the graphic. Packet encapsulation in the IPsec architecture is performed as shown. Which IPsec mode is being used to encapsulate the packet?

A. normal mode
B. transport mode
C. tunnel mode
D. this encapsulation is wrong

Answer: C

Question: 137

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

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

Answer: A

Question: 138

Refer to the graphic. In order to improve security, the two hosts use IPsec VPN to transmit dat
a. Which IPsec mode and protocol can be used to hide the host's IP address? (Choose two).
A. AH
B. transport mode
C. tunnel mode
D. ESP

Answer: C, D

Question: 139

If AH and ESP are both required to protect data streams between IPsec peers, how many Security Associations (SA) are required in total?

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

Answer: D

Question: 140

Refer to the graphic. The data is transmitted using IPsec tunnel mode. The fields of which headers will be authenticated?

A. TCP and Data
B. Origin IP, TCP and Data
C. AH, Origin IP, TCP and Data
D. The fields of all headers

Answer: C

Question: 141

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

Answer: C

Question: 142

Which of the following formats represent an accurate condensing of the IPv6 address 2031:0000:720C:0000:0000:09E0:839A:130B? (Choose two).

A. 2031:0:720C:0:0:9E0:839A:130B

B. 2031:0:720C:0:0:9E:839A:130B
C. 2031::720C::9E0:839A:130B
D. 2031:0:720C::9E0:839A:130B

Answer: A, D

Question: 143

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

Answer: A, D

Question: 144

The IPv6 address achitecture does not include which of the following address types?

A. unicast
B. multicast
C. broadcast
D. anycast

Answer: C

Question: 145

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.

Answer: B, C

Question: 146

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

Answer: D

Question: 147

In a small network suppporting 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

Answer: A

Question: 148

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

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

Answer: C

Question: 149

Refer to the graphic. RTA and RTB have established an IPv6 network for which an IPv6 address has been configured only on the G0/0/1 interface. RTA is unable to ping RTB. The administrator then configures v3 along with a router-id on both routers, and enables OSPFv3 on G0/0/1 of both RTA and RTB. Which of the following statements are correct? (Choose two).

A. RTA and RTB can establish an OSPFv3 neighbor relationship.
B. RTA and RTB cannot establish an OSPFv3 neighbor relationship.
C. RTA can ping RTB.
D. RTA cannot ping RTB.

Answer: A, D

Question: 150

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.

Answer: A, B, C

Question: 151

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

Answer: B

Question: 152

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

Answer: A, B, C

Question: 153

Refer to the graphic. The network administrator wishes to aggregate the two links as member interfaces of Ethtrunk
Which statement is correct?

A. The interfaces will be aggregated with load balancing.
B. The interfaces will be aggregated, but only interface GE0/0/1 will send data flow.
C. The interfaces will be aggregated, but the Eth-trunk will not be active.
D. The interfaces cannot be aggregated.

Answer: D

Question: 154

What is the maximum number of member interfaces supported by a single Eth-Trunk?

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

Answer: B

Question: 155

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.

Answer: A, B

Question: 156

In Layer 2 mode, the transmission rate of an Eth-Trunk interface is determined by which of the following?

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

Answer: A, C

Question: 157

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.

Answer: D

Question: 158

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.

Answer: C, D

Question: 159

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

Answer: C

Question: 160

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.

Answer: C

Question: 161

Refer to the graphic. Host A is located in a private network. It is required that Host A not only be capable of routing traffic over the public network, but also that public users are able to actively communicate with Host A.
Which NAT translation method should be configured on the gateway?

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

Answer: A

Question: 162

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 pool 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.

Answer: C

Question: 163

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 RT
A. 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

Answer: A

Question: 164

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

Answer: D

Question: 165

[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.

Answer: A

Question: 166

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.

Answer: C

Question: 167

A configured internal host of a private network wishes to access the internet. What must be configured on the enterprise network’s edge router in order to achieve this? (Choose two)

A. NAT EasyIP
B. DHCP
C. BGP
D. Default route

Answer: A, D

Question: 168

Which of the following statements are correct about NAT? (Choose three)

A. NAT is the abbreviation for "Network Address Translation"
B. NAT is used for translation between private and public network addresss.
C. When hosts inside a private network access the outside network, NAT is not required.
D. NAT provides an effective way to solve the problem of insufficient IP addresses.

Answer: A, B, D

Question: 169

Which of the following technologies can allow a host with IP address 10.0.0.1 to access the internet?

A. Static route
B. Dynamic route
C. Route import
D. NAT

Answer: D

Question: 170

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

Answer: B

Question: 171

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.

Answer: A, B, C

Question: 172

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.

Answer: A, B, C

Question: 173

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.

Answer: A, C, D

Question: 174

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

Answer: B

Question: 175

Which of the following OSPF versions is specific to IPv6?

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

Answer: C

Question: 176

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.

Answer: B

Question: 177

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.

Answer: A, B, D

Question: 178

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.

Answer: B, C, D

Question: 179

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 adminstrator.
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.

Answer: A, D

Question: 180

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.

Answer: A, C

Question: 181

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

Answer: B, C, D

Question: 182

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

Answer: B, D

Question: 183

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

Answer: B, C

Question: 184

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

Answer: C

Question: 185

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

Answer: A, B

Question: 186

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

Answer: B

Question: 187

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.

Answer: B, D

Question: 188

OSPF allows for “multiple” processes. By default, OSPF selects a process whose number is ( ).

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

Answer: B

Question: 189

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

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

Answer: C

Question: 190

Two routers are configured with OSPFv3. OSPFv3 is enabled on all interfaces of each router. Which of the following is true in the event that the network administrator does not configure a Router-ID?

A. The IP address of the loopback 0 interface will be used as the router ID
B. The IP address of the loopback 1 interface will be used as the router ID
C. The IP address of interface G0/0/0 will be used as the router ID
D. No router ID will be assigned to the router.

Answer: D

Question: 191

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.

Answer: D

Question: 192

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, Static
D. Direct, RIP, Static, OSPF

Answer: B

Question: 193

A router has learned two routes for the same network with the same prefix. One route has been learned via OSPF with a metric of 4882, while the other route has been learned via RIPv2 with a metric of 4. Which route (s) will be found in the routing table?

A. The RIPv2 route.
B. The OSPF and RIPv2 routes.
C. The OSPF route.
D. Neither of these routes will be found in the routing table.

Answer: C

Question: 194

Assume that the router has learnt the best route to the same destination by using RIP, OSPF and Static Route respectively. By default, the Huawei router will select the route learnt via ( ) as the best route.

A. RIP
B. OSPF
C. RIPv2
D. Static route

Answer: B

Question: 195

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

Answer: D

Question: 196

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 RT
A. What effect will this command have on the network? (Choose two)
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.

Answer: B, D

Question: 197

Refer to the graphic. Which statements correctly explains the forwarding behavior between RTA and RTE? (Choose two)

A. When the network uses OSPF, data will be forwarded along the path via S1/0/0
B. When the network uses RIPv2, data will be forwarded along the path via S1/0/0.
C. When the network uses OSPF, data will be forwarded along the path from via E0/0/1.
D. When the network uses RIPv2, data will be forwarded along the path via S2/0/0.

Answer: B, C

Question: 198

What functions does a Hello packet of OSPF implement? (Choose two)

A. Neighbor discovery
B. Deletion of unreachable neighbors.
C. Maintaining of neighbor relationships.
D. Negotiation of parameters among adjacent ports.

Answer: A, C

Question: 199

Refer to the graphic. The link between RTA and RTB is encapsulated using PPP. The IP addresses of serial 1/0/1 of RTA and serial 1/0/1 of RTB are in different network segments. Which following is correct? (Choose two)

A. RTA can ping 10.1.1.2 successfully
B. RTA cannot ping 10.1.1.2
C. The route entry 10.1.1.0/24 exists in the routing-table of RTA
D. The route entry 10.1.1.2/32 exists in the routing-table of RTA

Answer: A, D

Question: 200

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

Answer: A, C, D

Question: 201

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

A. Data encapsulation.
B. LCP
C. NCP
D. IPCP

Answer: A, B, C

Question: 202

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

Answer: A

Question: 203

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

Answer: B

Question: 204

Two routers are connected via serial interfaces and the link-protocol is PPP, but the MRU of two serial interface's 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

Answer: B

Question: 205

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

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

Answer: A, C

Question: 206

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

Answer: C

Question: 207

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

Answer: A

Question: 208

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

Answer: C

Question: 209

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

Answer: A, B, D

Question: 210

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

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

Answer: B

Question: 211

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

Answer: A

Question: 212

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.

Answer: B

Question: 213

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

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

Answer: A, C

Question: 214

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

Answer: D

Question: 215

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

Answer: C

Question: 216

Refer to the graphic. RTA is a PPPoE client, and sends PADI packets to Server
A. Which distribution method is used for sending PADI packets?
A. unicast
B. multicast
C. broadcast
D. anycast

Answer: C

Question: 217

Refer to the graphic. RTA is a PPPoE client, and following transmission of PADI, Server A responds with PADO packets to RT
A. Which distribution method is used for sending PADO packets?
A. unicast
B. multicast
C. broadcast

D. anycast

Answer: A

Question: 218

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

Answer: D

Question: 219

Which command can be used to check the PPPoE client session status?

A. display ip interface brief
B. display current-configuration
C. display pppoe-client session packet
D. display pppoe-client session summary

Answer: D

Question: 220

[Huawei]rip 1
[Huawei-rip-1]version 2
Refer to the command output. An administrator wishes to configure RIP. Which other command needs to configured for RIP routes to be advertised?

A. import-route GigabitEthernet 0/0/1
B. network 192.168.1.0 0.0.0.255
C. network GigabitEthernet 0/0/1
D. network 192.168.1.0

Answer: D

Question: 221

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 two)

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

Answer: C, D

Question: 222

Refer to the graphic. Two peering routers are running RIP. RTA is using RIPv1 to advertise its routes, while RTB is using RIPv2. What effect will this have on learned routes?

A. RTA and RTB will both learn the routes advertised by RIP.
B. RTA will learn the RIP route advertised by RTB, however RTB is unable to learn the route advertised by RTA.
C. RTB will learn the RIP route advertised by RTA, however RTA is unable to learn the route advertised by RTB.
D. Neither RTA nor RTB are able to learn the RIP routes advertised by the peer.

Answer: B

Question: 223

Refer to the graphic. Two peering routers are running RIP. RTA is using RIPv1 to advertise its routes, while RTB is using RIPv2 to advertise the route 1.1.1.1/32. How will the route 1.1.1.1/32 appear in the IP routing table of RTA?

A. This route will not appear in the IP routing table of RTA.
B. This route will appear in the IP routing table of RTA as 1.0.0.0/8.
C. This route will appear in the IP routing table of RTA as 1.0.0.0/24.
D. This route will appear in the IP routing table of RTA as 1.0.0.0/32.

Answer: D

Question: 224

Refer to the graphic. Two peering routers are running RIP. RTA is using RIPv2 to advertise its routes, while RTB is using RIPv1 to advertise the route 1.1.1.1/32. The administrator configures “RIP version 2 multicast” for interface G0/0/1 of RTB. How will the route 1.1.1.1/32 appear in the the IP routing table of RTA?

A. This route will not appear in the IP routing table of RTA.
B. This route will appear in the IP routing table of RTA as 1.0.0.0/8.
C. This route will appear in the IP routing table of RTA as 1.0.0.0/24.
D. This route will appear in the IP routing table of RTA as 1.0.0.0/32.

Answer: D

Question: 225

A RIP router receives the routing update information from its neighbor. Which of the following statements regarding routing update are correct? (Choose three)

A. The received route that is not in the routing table will be added only when its hop count value is less than 16.
B. The received route that already exists in the routing table will be updated only when the next hop is the router's neighbor and the cost value is smaller.
C. The received route that already exists in the routing table will be updated only when the next hop is not the router's neighbor and the cost value is smaller.
D. The received route that already exists in the routing table will be updated only when the next hop is the router's neighbor and the cost value has been changed.

Answer: A, C, D

Question: 226

Which of the following commands is used to display the current running state and configuration of RIP?

A. display protocol rip
B. show rip
C. display rip
D. display this rip

Answer: C

Question: 227

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

Answer: B

Question: 228

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

Answer: A

Question: 229

Refer to the grapic. An administrator has configured RIPv2 on the two routers, following which he implements the command silent-interface s0/0/1 on RT
A. What effect will this command have on the network? (Two Answers)
A. RTA will continue to learn routes from RTB
B. RTB will continue to learn routes from RTA
C. RTA will have no neighbor relationship with RTB
D. RTB will have no adjacency relationship with RTA

Answer: A, D

Question: 230

Refer to the graphic. R1, R2 and R3 are running RIPv1. R1 and R3 both advertise 172.16.0.0 to the RIP network. How will this affect R2?

A. R2 will not have a route to the networks 172.16.1.0/24 and 172.16.2.0/24
B. R2 will only have a route to 172.16.1.0/24
C. R2 will only have a route to 172.16.2.0/24
D. R2 will have a route to both networks 172.16.1.0/24 and 172.16.2.0/24, but some packets for these destinations will be lost.

Answer: D

Question: 231

<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.

Answer: D

Question: 232

Refer to the graphic. An administrator has configed RIPv2 in the two routers shows in the figure. What will happen after configuring the following commands? (Choose two)
[RTA-Serial0/0/1]rip output
[RTA-rip-1]silent-interface s0/0/1

A. RTA will have the route learned from the RTB
B. RTB will have the route learn from the RTA
C. RTA will have no neighbor relationship with RTB
D. RTB will have no neighbor relationship with RTB

Answer: A, D

Question: 233

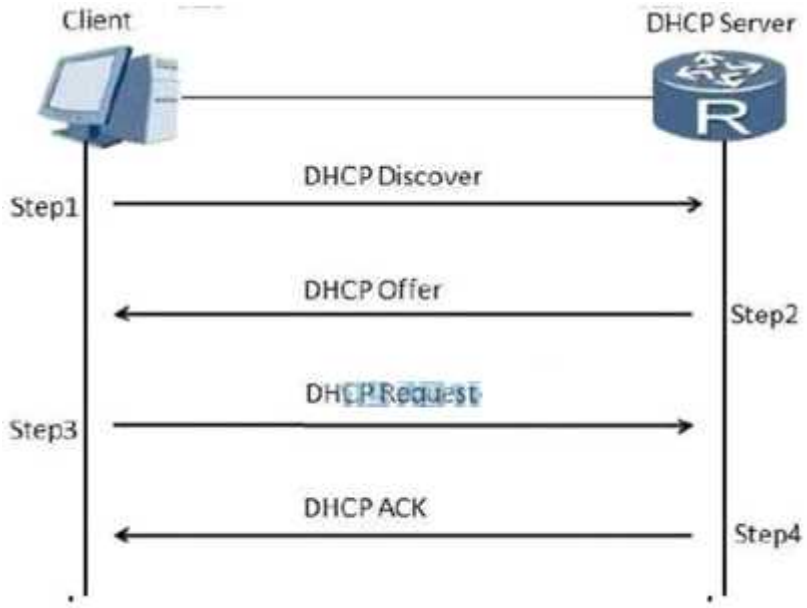
Which of the following statements about a designated port working in RIPv2 multicast mode are true? (Choose three)

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.

Answer: A, B, C

Question: 234

Refer to the following DHCP flowchart, the following statement is correct (). (multiple choice)



A. The first step is to send a multicast packet.
B. The second step is to send a unicast message.
C. The third step is to send a broadcast message.
D. The fourth step is to send a unicast message.
E. The fourth step is to send a broadcast message.

Answer: B, C, D

Question: 235

Two authentication domains "Area1" and "Area2" are configured on the authentication server. If the user uses the correct username "huawei" and the password is used.
The code "hello" is authenticated, and which authentication domain is this user assigned to?

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

Answer: C

Question: 236

Under the RIP process of the Huawei device, when the network 10.1.1.1/30 is announced, the following configuration is correct (). (multiple choice)

A. network 10.1.1.0

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

Answer: C, E

Question: 237

The login timeout time in the VRP system needs to be configured on the VTY interface.

A. Correct
B. Error

Answer: A

Question: 238

NAPT distinguishes the IP addresses of different users by the protocol number in TCP or UDP or IP packets.

A. Correct
B. Error

Answer: B

Question: 239

There are two routers RTA and RTB between the source device and the destination device. Use the Tracert command to check the path. When checking the first hop RTA, the source
The device sends a UDP packet with a TTL of 1 to a large port of the destination device. When the packet reaches the RTB, the TTL becomes 0.
The RTA responds to the source device with an ICMP() message.

A. Time Exceeded
B. Echo Request
C. Echo Reply
D. Port Unreachable

Answer: A

Question: 240

Regarding the correspondence between the access control list number and the type, the following description is correct ().

Huawei question bank battle report group: 434299778

A. The basic access control list number range is 1000-2999
B. Advanced access control list number range is 3000-9000
C. The basic access control list number range is 4000-4999
D. The basic access control list number range is 1000-2000

Answer: C

Question: 241

The following two configuration commands can be used to implement the router backup and backup of the router RTA 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. Correct
B. Error

Answer: B

Question: 242

The ACL does not filter the traffic that the device itself generates to access other devices. It only filters the forwarded traffic. The forwarded traffic includes other device access.
The traffic of the device.

A. Correct
B. Error

Answer: A

Question: 243

The following description of static and dynamic routing errors is ().

A. Static routing is simple to configure and easy to manage when applied in an enterprise.
B. After administrators deploy dynamic routing protocols in the enterprise network, post-maintenance and expansion can be more convenient.
C. After a link fails, static routes can automatically complete network convergence.
D. Dynamic routing protocols take up more system resources than static routes

Answer: C

Question: 244

Referring to the following topology and configuration, routers R1 and R2 are connected through a Serial low-speed cable, and the data link layer uses PPP. When R1 and R2
When the Holdtimes are inconsistent, ARP negotiation fails and communication cannot be performed.




```
[R1]interface Serial0/0/0
[R1-Serial0/0/0] ip address 202.10.1.1 255.255.255.0
[R1-Serial0/0/0] timer hold 2
#
[R2]interface Serial0/0/0
[R2-Serial0/0/0] ip address 202.10.1.2 255.255.255.0
```

A. Correct
B. Error

Answer: B

Question: 245

The network administrator uses the ping command on the AR G3 series router to test connectivity to 10.0.0.2. The following description of the output is correct.

```
Yes().
PING 10.0.0.2: 800 data bytes, press CTRL_C to break
Reply from 10.0.0.2: bytes=800 Sequence=1 ttl=255 time=40 ms
Reply from 10.0.0.2: bytes=800 Sequence=2 ttl=255 time=30 ms
--- 10.0.0.2 ping statistics ---
2 packet(s) transmitted
2 packet(s) received
0.00% packet loss
Round-trip min/avg/max = 30/35/40 ms
```

A. The command used by the network administrator is ping -c 2 -s 800 10.0.0.2
B. The command used by the network administrator is ping -a 2 -v 800 10.0.0.2
C. Destination address 10.0.0.2 is unreachable
D. The network administrator modified the default TTL value to 255.

Answer: A

Question: 246

The network administrator configures the RIPng protocol on a small IPv6 network. Which of the following configurations is correct and effective?

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

Answer: A

Question: 247

Which of the following features is no longer supported by OSPFv3 on an IPv6 network?

A. Multi-regional division
B. Router-ID
C. Authentication function
D. Send protocol packets in multicast mode

Answer: C

Question: 248

The necessary technology to enable a host with an IP address of 10.0.0.1 to access the Internet is ().

A. Static routing
B. Dynamic routing
C. Route introduction
D. NAT

Answer: D

Question: 249

Which version of the SNMP protocol supports encryption features?

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

Answer: D

Question: 250

In the STP protocol, assume that all switches have the same priority, and the MAC address of switch 1 is 00-e0-fc-00-00-40, switch 2

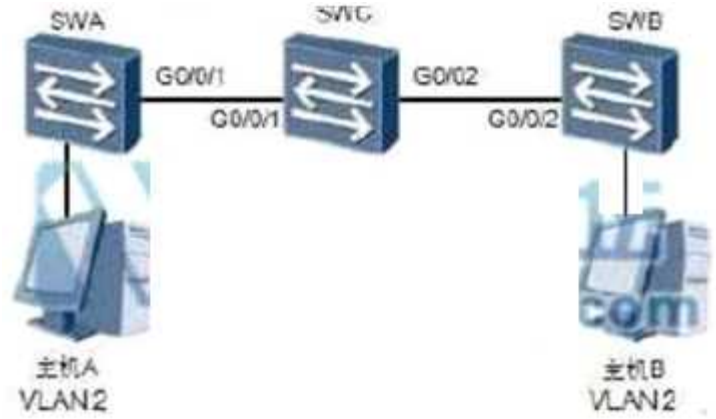
The MAC address of the switch is 00-e0-fc-00-00-10, the MAC address of switch 3 is 00-e0-fc-00-00-20, and the MAC address of switch 4 is 00-e0-fc-
00-00-80, then the root switch should be ().

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

Answer: B

Question: 251

As shown in the figure, the network administrator creates VLAN 2 on the SWA and SWB, and configures the ports connected to the host on the two switches as access terminals.
Port, into VLAN 2. Configure G0/0/1 of SWA and G0/0/2 of SWB as trunk ports to allow all VLANs to pass. Then we have to implement two
Hosts can communicate normally, and () is required.



A. Create VLAN2 on SWC.
B. Configure G0/0/1 on the SWC as the trunk port and allow VLAN 2 to pass.
C. Configure G0/0/1 and G0/0/2 on the SWC as trunk ports and allow VLAN 2 to pass.
D. Create VLAN 2 on the SWC, configure G0/0/1 and G0/0/2 as trunk ports, and allow VLAN 2 to pass.

Answer: D

Question: 252

When upgrading the router software using the FTP protocol, the transfer mode should be selected ().

A. Binary mode
B. Streaming byte mode
C. Byte mode
D. Text mode

Answer: A

Question: 253

The error about the above configuration command is ().
<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

A. The administrator wants to log in and manage the device through the console port.
B. After the configuration is completed, the administrator cannot implement device management through remote login.
C. The user who logs in to the device through the console has the highest user privilege level.
D. The user password for logging in to the device through the console is cipher huawei2012.

Answer: D

Question: 254

In order to check whether the serial port S0/0/1 on the router is a DTE interface or a DCE interface, which of the following commands should be used?

A. display controller serial
B. display saved-config
C. display interface s0/0/1
D. display current-config

Answer: C

Question: 255

In the OSI reference model, the ability to perform end-to-end error detection and flow control is ().

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

Answer: D

Question: 256

When the specified interface is running in RIPv2 multicast mode, the following statement is correct (). (multiple choice)

A. Receive only RIPv2 multicast packets.
B. Do not receive RIPv1 broadcast packets.
C. Receive RIPv1 broadcast messages
D. Receive RIPv1 multicast packets

Answer: A, B

Question: 257

A port in the discarding state of RSTP, although it will discard the received data frame, but it can receive it according to the port.
The data frame maintains a MAC address table.

A. Correct
B. Error

Answer: B

Question: 258

When using the Tracert program to test the path through which the target node passes, the default is to count () times for each Traceroute.

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

Answer: A

Question: 259

As shown in the figure, the network administrator wants to manually aggregate the two physical links between the SWA and the SWB into an Eth-Trunk link.
The correct one is ().



A. It works normally after aggregation

B. It can be aggregated. Only GE port can be used after aggregation.
C. Can be aggregated, only Ethernet port can be used after aggregation
D. Cannot be aggregated

Answer: D

Question: 260

As shown in the figure, the administrator configured the following command on the RTA, and the correct description is (). (multiple choice)



[RTA-Serial0/0/1] rip output
[RTA-rip-1]silent-interface s0/0/1

A. RTA can still learn the routing information published by RTB.
B. RTB can still learn the routing information published by RTB.
C. RTA neighbor information does not include RTB
D. RTB neighbor information does not include RTA

Answer: A, D

Question: 261

The above is the display startup information of the AR2200 router. For this information, the error is ().

```
<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
```

A. The running configuration file is not saved
B. When the device starts using the system file, ar2220-v200r003c00spc200.cc
C. The system file cannot be modified when the device starts next time.
D. The system file of the next startup of the device can be modified by using the command "startup system software<startup-software-name>.cc".

Answer: C

Question: 262

The following static route configuration is correct (). (multiple choice)

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

Answer: A, C, D

Question: 263

A switch receives a data frame with a VLAN tag, but finds that the MAC address of the data frame cannot be queried in its MAC address table.
Then the processing behavior of the data frame by the switch is ().

A. The switch broadcasts the data frame to all ports.
B. The switch broadcasts this data frame to all ports (except the receiving port) in the VLAN that belongs to the data frame.
C. The switch broadcasts this data frame to all access ports.
D. The switch will discard this data frame

Answer: B

Question: 264

The network administrator has captured a data frame in the network with a destination MAC address of 01-00-5E-A0-B1-C3. About the MAC address
The correct statement is ().

A. It is a unicast MAC address
B. It is a broadcast MAC address
C. It is a multicast MAC address
D. It is an illegal MAC address

Answer: C

Question: 265

As shown in the configuration, if the administrator configures OSPF on R1 but R1 cannot learn the routes of other routers, the possible reason is ().
(multiple choice)

[R1]ospf
[R1-ospf-1]area 1
[R1-ospf-1-area-0.0.0.1]network 10.0.12.0 0.0.0.255

A. The area ID configured by this router is different from the area ID of its neighbor router.
B. The router is not configured with authentication, but the neighbor router is configured with authentication.
C. The OSPF process ID is not configured when this router is configured.
D. This router does not announce the network connecting neighbors when configuring OSPF.

Answer: A, B, D

Question: 266

As shown in the figure, the ports connected to the host by SWA and SWB are both Access ports and the PVID is 2. G0/0/1 of SWA is a Hybrid port.
The PVID is 1, and the port hybird tagged vlan 2 command is configured. G0/0/1 of the SWB is a trunk port, the PVID is 1, and VLAN 2 is allowed.
Passed. The correct one in the following description is ().

A. Host A can send a data frame to Host B but cannot receive a reply from Host B.
B. Host A cannot send data frames to Host B but can receive data frames sent by Host B.
C. Host A and host B cannot communicate at all.
D. Normal communication between host A and host B

Answer: D

Question: 267

As shown in the figure, regarding the frame relay device, the following description is correct (). (multiple choice)

A. RTA is a DTE device
B. FRA is a DTE device
C. FRB is a DCE device
D. The S1/0/1 interface on the RTA is the DCE interface.

Answer: A, C

Question: 268

When STP is running on Huawei Sx7 series switches, the priority of the switch is () by default.

A. 4096
B. 8192
C. 16384

D. 32768

Answer: D

Question: 269

The ARP protocol can resolve the MAC address of the target device according to the destination IP address, so as to map the link layer address and the IP address.

A. Correct
B. Error

Answer: A

Question: 270

An access port can only send and receive untagged frames. When receiving a data frame with a tag, it will directly discard it.

A. Correct
B. Error

Answer: B

Question: 271

The following is a description of the Forwarding state description error in the spanning tree protocol ().

A. Forwarding port can receive BPDUs.
B. Forwarding state port does not learn the source MAC address of the packet.
C. Forwarding state port can forward data packets.
D. Forwarding port can send BPDUs.

Answer: B

Question: 272

What is the encryption algorithm used by CHAP in PPP?

A. DES
B. MD5
C. AES
D. Do not use encryption algorithms

Answer: B

Question: 273

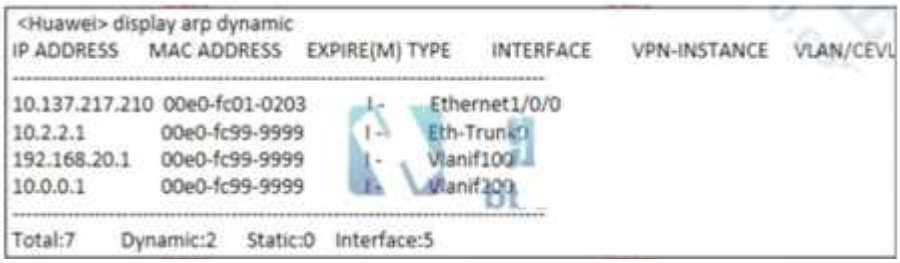
The following analysis of ICMP messages is correct (). (multiple choice)

A. ICMP messages can record time, including original time, receiving time, and sending time.
B. ICMP packets are encapsulated in IP packets without being encapsulated in the transport layer.
C. ICMP packets protect ICMP error packets, control packets, request/response packets, and refresh packets.
D. ICMP does not support redirection
E. ICMP messages cannot be used to detect MTUs in a path.

Answer: B, C

Question: 274

As shown in the figure, it can be judged that 00e0-fc99-9999 is the specific host MAC address learned by the switch through ARP, and the host has been replaced by three.
Secondary IP address.



A. Correct
B. Error

Answer: B

Question: 275

Which elements can NAPT convert?

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

Answer: B

Question: 276

As shown in the figure, both ports GE0/0/1 and GE0/0/2 are configured with different Hybrid configurations. The correct statement is (). (many selected)




```
[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 exchange visits because the VLANs belonging to the two departments are different.
B. The data frame sent by the administrative department carries the tag in the switch as VLAN20.
C. The data frame sent by the finance department carries the tag in the switch as VLAN20.
D. The switch here can be a Layer 2 switch or a Layer 3 switch because communication does not need to go through a Layer 3 gateway.
E. If both ports GE0/0/1 and GE0/0/2 of the switch are modified to be trunk ports, the two departments can communicate normally.

Answer: C, D

Question: 277

The following description of the OSPF area is correct (). (multiple choice)

A. Configure the ip address of the loopback interface of the router before configuring the OSPF area.
B. The area number range is from 0.0.0.0 to 255.255.255.255
C. The number of the backbone area cannot be 2
D. All networks should be announced in zone 0

Answer: B, C

Question: 278

Which of the following parameters should be considered when electing a root port in STP? (multiple choice)

A. The port reaches the cost of the root switch
B. Port priority
C. Port slot number, such as G0/0/1D. MAC address of the port
E. Duplex mode of the port

Answer: A, B, C

Question: 279

The following statement about the working mode of the Ethernet port is correct? (multiple choice)

A. Gigabit Ethernet can only work in full-duplex mode
B. 10 Gigabit Ethernet can only work in full duplex mode
C. The Ethernet port mode works normally when it does not match.
D. Ethernet port mode can be considered as defined
E. 100M Ethernet port working mode supports full duplex and half duplex

Answer: D, E

Question: 280

When the administrator configures the DHCP server, which of the following commands configures the lease time to be the shortest?
Ip pool pool1
Network 10.10.10.0 mask 255.255.255.0
Gateway-list 10.10.10.1

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

Answer: B

Question: 281

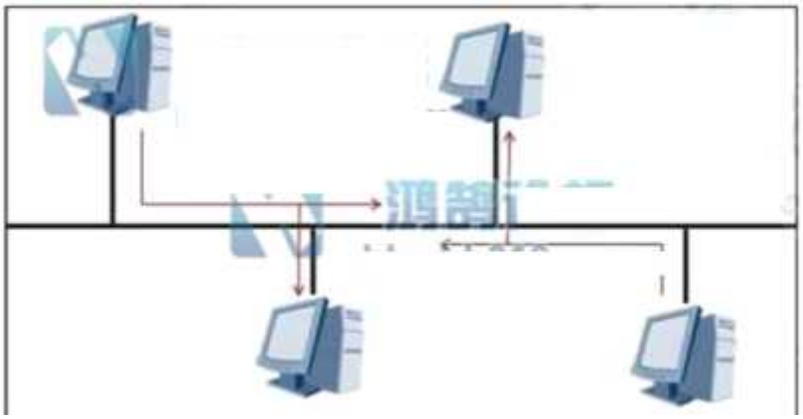
You can use the vlan batch command to create multiple VLANs in batches on the Huawei switch to simplify the configuration process.

A. Correct
B. Error

Answer: A

Question: 282

As shown in the figure, the administrator wants to improve the performance of this network. Which of the following is most appropriate?



A. Connect each host with a switch and change the working mode of each host to full duplex.
B. Connect each host with a switch and change the working mode of each host to half duplex
C. Connect each host with the HUB and change the working mode of each host to full duplex.
D. Connect each host with the HUB and change the working mode of each host to half duplex.

Answer: A

Question: 283

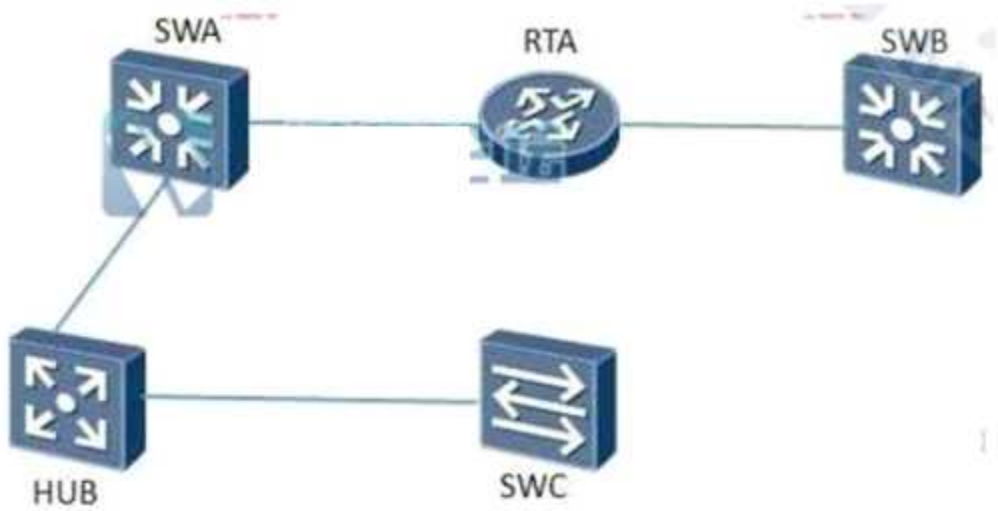
Which of the following OSPF versions is for IPv6?

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

Answer: C

Question: 284

In the network as shown, the following description is correct (). (multiple choice)



A. The same collision domain between RTA and SWC
B. The same broadcast domain between SWA and SWB
C. SWA and SWC are both a collision domain
D. SWA and SWC are both a broadcast domain

Answer: C, D

Question: 285

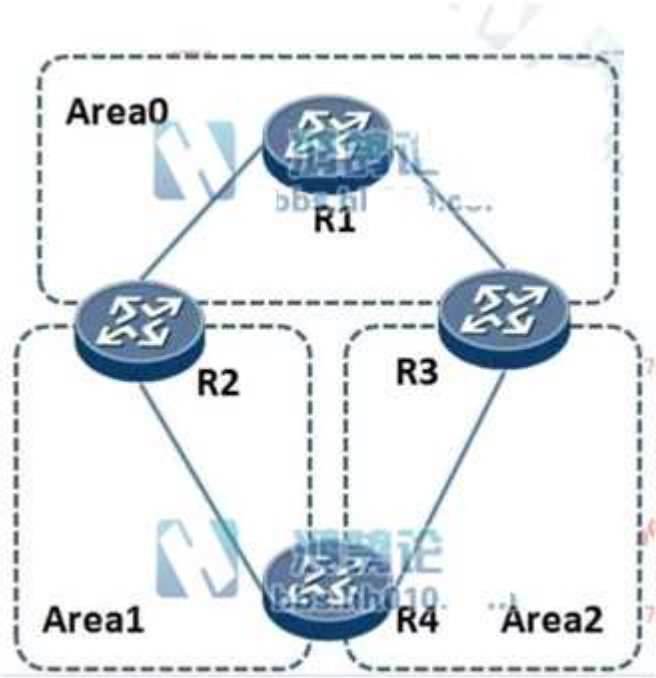
When the route has a loop, which of the following problems may occur? (multiple choice 2)

A. Packets are passed endlessly
B. Increased CPU consumption of the router
C. Increased memory consumption of the router
D. The destination IP address of the packet is constantly modified.
E. The number of bytes in the packet is getting bigger and bigger

Answer: B, C

Question: 286

The network structure and OSPF partition are shown in the figure. In addition to R1, routers R2, R3 and R4 are OSPF ABR routers.



A. Correct
B. Error

Answer: B

Question: 287

The two routers are running on the PPP link. The administrator has configured OSPF single areas on both routers, and their router IDs are the same.
The correct description below is ().

A. Two routers will establish a normal full neighbor relationship
B. VRP will prompt the router ID conflicts between the two routers.
C. Two routers will establish a normal full adjacency
D. Two routers will not send hello messages to each other.

Answer: B

Question: 288

The company has users who report that when using the network to transfer files, the speed is very low. The administrator found a packet in the network using Wireshark software to capture packets.
Some duplicate frames, the following description of the possible causes or solutions is correct ().

A. When the switch cannot find the destination MAC address of the data frame in the MAC address table, the switch will flood the data frame.

B. The switching equipment of the company network must be upgraded
C. The network has a loop on the second floor.
D. No VLAN is configured in the network.

Answer: C

Question: 289

After the GRE keepalive function is enabled, the local end of the GRE tunnel periodically sends a keepalive packet to the peer every 10 s.

A. Correct
B. Error

Answer: B

Question: 290

Regarding PPP configuration and deployment, the following statement is correct ().

A. PPP cannot be used to deliver IP addresses.
B. PPP supports CHAP and PAP authentication methods.
C. PPP cannot modify keepalive time
D. PPP does not support mutual authentication

Answer: B

Question: 291

Regarding the above configuration, the correct statement is ().
<Huawei>system-view
[Huawei]user-interface console 0
[huawei-ui-console0]history-command max-size 20

A. history-command max-size 20 is to adjust the size of the history command cache to 20
B. The default size of the history command cache is 5
C. The default size of the history command cache is 5 bytes.
D. After the above configuration is completed, the history command cache can save 20 bytes of commands.

Answer: A

Question: 292

Regarding the commands used to detect IP network connectivity, the following statements are incorrect

(). (multiple choice)

A. ping 127.0.0.1, this command is used to check whether the network cable of the host is plugged in.
B. ping 127.0.0.2, this command is used to check whether the host's network cable is plugged in.
C. The ping command can be used to detect the connectivity of the host to the local gateway.
D. The ipconfig/release command can be used to detect the connectivity of the host to the local gateway.

Answer: A, B, D

Question: 293

There is a TTL field in the header of the IP packet. The correct statement about this field is ()

A. The length of this field is 7 digits.
B. This field is used for packet fragmentation.
C. This field is used for packet anti-ring
D. This field is used to prioritize the packet data packet.

Answer: C

Question: 294

As shown in the figure, two hosts communicate between VLANs through one-arm routing. When the G0/0/1.2 sub-interface of RTA receives host B and sends it to host A.
Which of the following operations does RTA perform when data frames?



A. RTA forwards the data frame directly through the G0/0/1.1 subinterface.
B. After the RTA deletes the VLAN tag 20, it is sent out by the G0/0/1.1 interface.
C. RTA first deletes VLAN tag 20, then adds VLAN tag 10, and then sends it out through G0/0/1.1 interface.
D. RTA will discard the data frame

Answer: C

Question: 295

As shown in the topology and the configuration on the switch interconnect port, you can determine that the data frame labeled as VLAN 10 can be between the two switches.
Normal forwarding.



A. Correct
B. Error

Answer: B

Question: 296

In the OSPF protocol, what are the correct ones for the description of DR? (multiple choice)

A. By default, all routers in this broadcast network will jointly vote with DR.
B. If the priority values of the two routers are different, select the router with the smaller priority value as the DR.
C. If the priority values of the two routers are equal, select the router with the large router ID as the DR.
D. Adjacency relationship should also be established between DR and BDR.

Answer: A, C, D

Question: 297

Administrators can't manage the AR2200 through Telent. When troubleshooting, find other administrators have no problems, then which of the following options are possible?
the reason? (choose 2 answers)

A. The admin user account has been disabled B. The privilege level of the admin user account has been modified to 0.
C. The admin user account has been deleted
D. The telnet service of the AR2200 router has been disabled.

Answer: A, C

Question: 298

The correct description of GVRP below is ().

A. GVRP enables dynamic discovery and deletion of network devices
B. GVRP is a protocol that must be enabled on the switch, otherwise the switches cannot communicate with each other.
C. GVRP is based on the GARP working mechanism and is used to maintain VLAN dynamic registration information in the device and propagate the information to other devices.
D. GVRP is enabled by default, or can be manually closed

Answer: C

Question: 299

Which routing subnets 10.0.0.24/29 may be aggregated by the following subnet routes? (multiple choice)

A. 10.0.0.24/30
B. 10.0.0.23/30
C. 10.0.0.26/30
D. 10.0.0.28/30

Answer: A, D

Question: 300

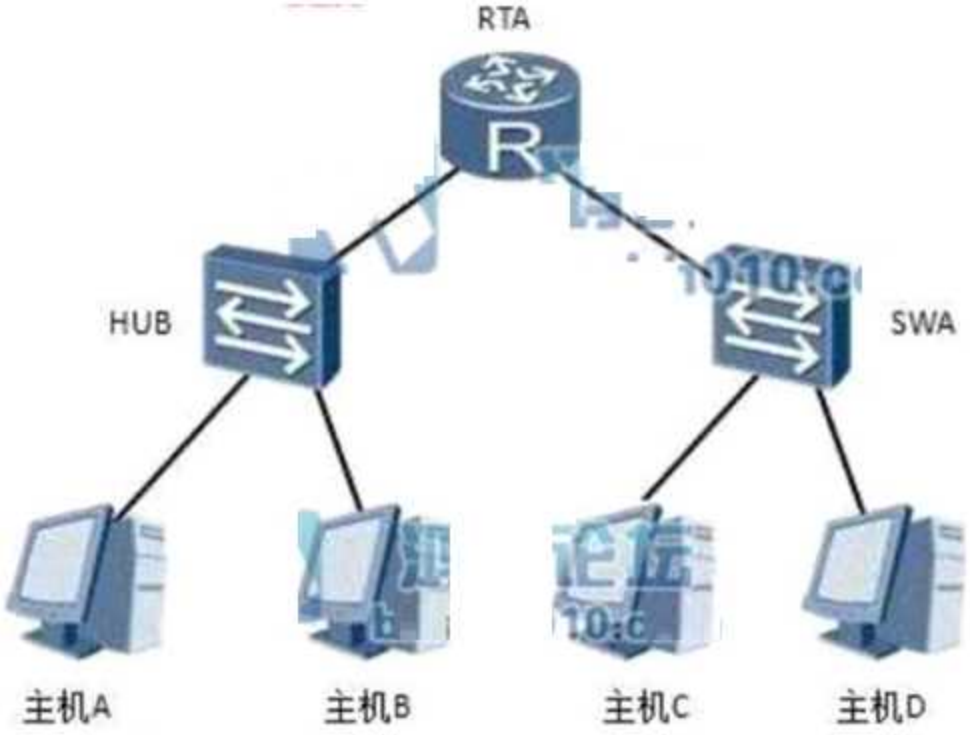
The network administrator created VLAN 10 on the Layer 3 switch and configured the IP address on the virtual interface of the VLAN. When using life
After the display ip interface brief is displayed, the interface of VLANIF 10 is down.
Do you make the VLANIF 10 interface return to normal?

A. Use the command "undoubtedly shutdown" on the VLANIF 10 interface.
B. Add any physical interface into VLAN 10
C. Add a physical interface whose status must be UP to VLAN 10.
D. Add a port that must be UP and must be a trunk type into VLAN 10.

Answer: C

Question: 301

As shown in the figure, the correct description about this network topology is ().



A. There are 6 collision domains in this network.
B. There are 2 broadcast domains in this network.
C. There is 1 conflict domain in this network
D. There are 6 broadcast domains in this network

Answer: B

Question: 302

On a multi-access network such as Ethernet, the PPPoE server can establish PPP with many PPPoE clients through an Ethernet port.
Connection, so the server must establish a unique session identifier for each PPP session to distinguish between different connections. What parameters will PPPoE use?
Create a session identifier?

A. MAC address
B. IP address and MAC address
C. MAC address and PPP-ID
D. MAC address and Session-ID

Answer: D

Question: 303

The authentication scheme, authorization scheme, accounting scheme, HWTACACS, or RADIUS server template created on the AR router.
It will not take effect until it is applied under the domain.

A. Correct
B. Error

Answer: A

Question: 304

Which of the following fields in the packet shown will be encrypted by the ESP protocol of IPsec VPN?



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

Answer: A

Question: 305

If a company network administrator wants to be able to remotely manage branch network devices, which of the following protocols will be used?

A. CIDR
B. RSTP
C. Telnet
D. VLSM

Answer: C

Question: 306

A trunk port can send both tagged data frames and unlabeled data frames.

A. Correct
B. Error

Answer: A

Question: 307

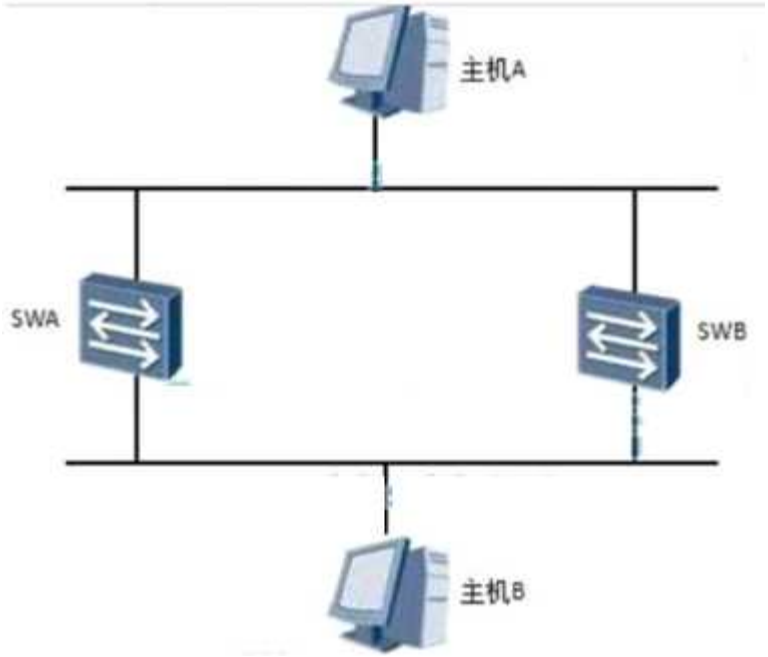
The port in the Huawei device supports auto-negotiation technology. The following is true about the negotiation result ().

A. The result of the negotiation under the 10 Gigabit electrical port must be full duplex.
B. The result of the negotiation under the 100M electrical port must be half duplex
C. The negotiation process is a downgrade negotiation, ie 1000M->100M->10M
D. When the duplex mode is inconsistent, you can solve it by replacing the network cable.

Answer: C

Question: 308

As shown in the figure, STP is disabled on both switches. Host A sends an ARP Request, and the following description is correct ().
(multiple choice)



A. These two switches can achieve load balancing
B. The CPU usage of these two switches will be very high.

C. The MAC address table of the two switches will frequently jitter
D. Repeated frames will appear in this network

Answer: B, C, D

Question: 309

PPP is more secure and reliable than HDLC because PPP supports (). (multiple choice)

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

Answer: A, C

Question: 310

The following statement is incorrect (). (multiple choice)

A. The priority of each static route can be different.
B. By default, the order of route priority is OSPF higher than RIP.
C. If the cost of the route is larger, the priority of the route is higher.
D. In VRP, the greater the priority of the routing protocol, the higher the priority of the route.

Answer: C, D

Question: 311

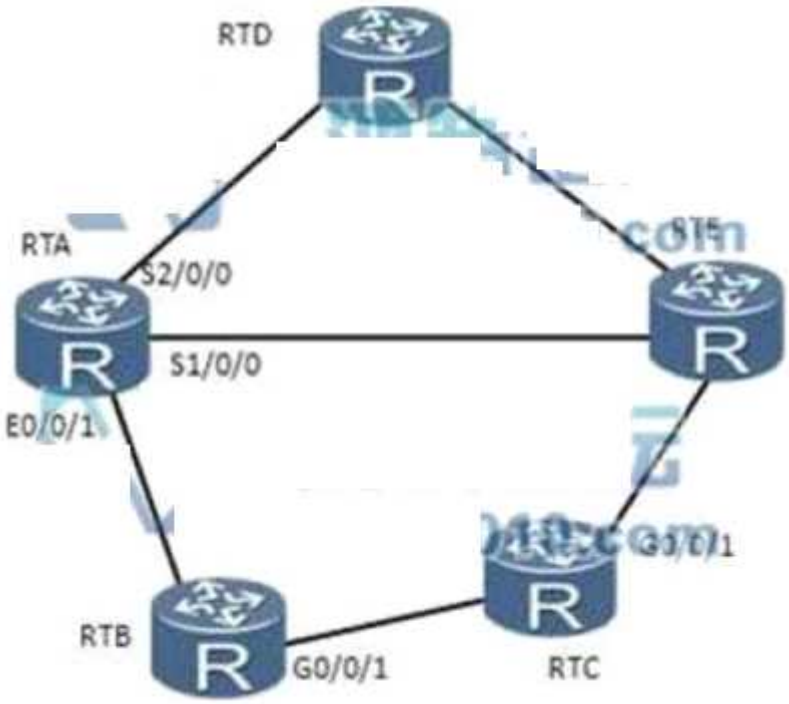
When a NAT uses a dynamic address pool, the addresses in the address pool can be reused, that is, the same IP is mapped to multiple intranet IPs at the same time.

A. Correct
B. Error

Answer: B

Question: 312

The network topology is as shown in the figure. The cost of all links in the network is the default value. When the RTA forwards the packet to the RTE, about routing.
The correct description is () (multiple choice).



A. If the routers in the network are running OSPF, the RTA will use the S1/0/0 interface to forward data to the RTE.
B. If the routers in the network are running RIPv2, the RTA will use the S1/0/0 interface to forward data to the RTE.
C. If the routers in the network are running OSPF, the RTA will use the E0/0/1 interface to forward data to the RTE.
D. If the routers in the network are running RIPv2, the RTA will use the S2/0/0 interface to forward data to the RTE.

Answer: B, C

Question: 313

When deploying an ACL on a Huawei device, the following description is correct (). (multiple choice)

A. Calling an ACL under an interface can only be applied to the exit direction.
B. The same ACL can be called under multiple interfaces
C. ACLs can only define rules in the order of 10, 20, and 30.
D. ACLs cannot be used to filter OSPF traffic because OSPF traffic is not encapsulated using UDP protocol
E. The ACL can match the TCP/UDP port number of the packet, and can specify the range of the port number.

Answer: B, E

Question: 314

When the router is powered on, the configuration file is read from the default storage path for initialization of the router. If there is no default storage path
Configuration file, what will the router use to initialize?

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

Answer: C

Question: 315

The correct statement about free ARP is (multiple choice)

A. By sending a free ARP, you can confirm whether the IP address has a conflict.
B. The format of the free ARP packet is the same as that of the normal ARP request packet.
C. Free ARP can help update old IP address information
D. The format of the free ARP packet is the same as that of the normal ARP reply packet.

Answer: A, B

Question: 316

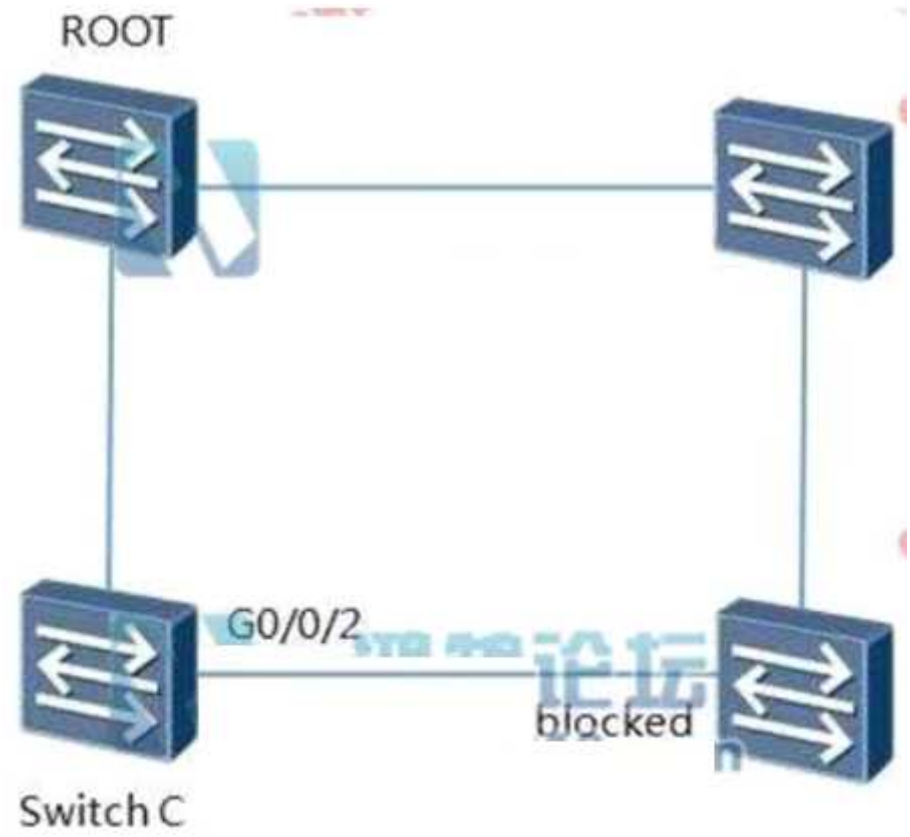
The router ID of OSPFv3 can be generated automatically by the system.

A. Correct
B. Error

Answer: B

Question: 317

As shown in the figure, all four switches run STP, and various parameters use default values. It is blocked on the G0/0/2 port of the root switch C.
When a configuration BPDU is sent through this port, how long will the blocked port in the network enter the forwarding state?



A. About 30 seconds
B. About 50 seconds
C. About 15 seconds
D. About 3 seconds

Answer: B

Question: 318

The following description of the Router ID in OSPF is incorrect (). (multiple choice)

A. The router IDs must be the same in the same area. The router IDs in different areas can be different.
B. The router ID must be the IP address of an interface of the router.
C. The router ID must be specified by manual configuration.
D. The prerequisite for the normal operation of OSPF is that the router has a router ID.

Answer: A, B, C

Question: 319

The packet capture tool captures an Ethernet frame and finds that the value of the Type/Length field of

the frame is 0x0800. The following description of the frame is correct.
(). (multiple choice)

A. The interface of this frame is Ethernet_II format
B. The frame structure of the frame is 802.3 format
C. The frame carries an IP packet.
D. The frame carries an IPX message.

Answer: A, C

Question: 320

Network management hopes to effectively use the IP address of the 192.168.176.0/25 network segment. Now that the company's marketing department has 20 hosts, it is best to allocate the following.
Which address segment is given to the marketing department?

A. 192.168.176.0/25
B. 192.168.176.160/27
C. 192.168.176.48/29
D. 192.168.176.96/27

Answer: D

Question: 321

The Tracert Diagnostic Tool in Huawei routers uses UDP to encapsulate trace data.

A. Correct
B. Error

Answer: A

Question: 322

What is the function of the port tunk allow-pass vlan all?

A. Allow all data frames of all VLANs to pass on this port.
B. The peer port connected to the port must be configured at the same time. port trunk permit vlan all
C. The connected peer device can dynamically determine which VLAN IDs are allowed to pass.
D. If the port default vlan 3 command is configured for the connected remote device, VLAN 3 between the two devices cannot communicate.

Answer: A

Question: 323

The main function of .InARP is to solve the protocol address of the peer device connected to each virtual link, including IP address and IPX address.

A. Correct
B. Error

Answer: A

Question: 324

Which of the following flow control methods can be used in the transport layer of the OSI reference model? (multiple choice)

A. Confirmation technology
B. Cache technology
C. Source suppression message
D. Window mechanism

Answer: B, C, D

Question: 325

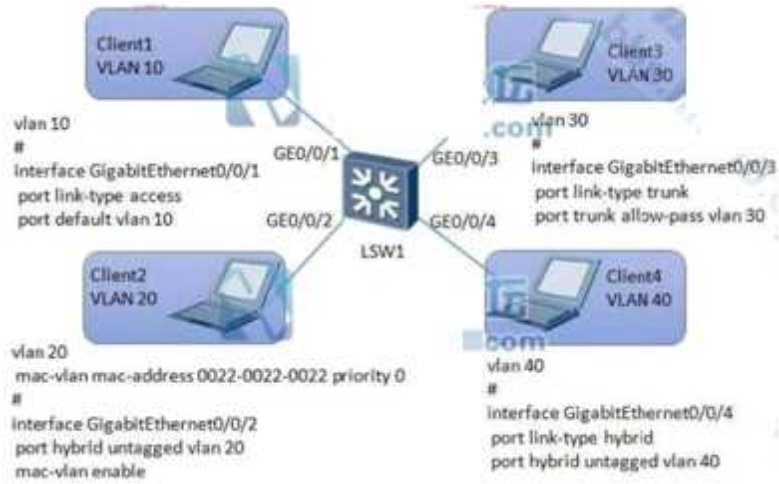
When a router forwards a packet, if it does not match the corresponding detail route and there is no default route, the router will discard the packet directly.

A. Correct
B. Error

Answer: A

Question: 326

As shown in the figure, the configuration of the VLAN on the Huawei switch is correct (). (multiple choice)



A. Client1 belongs to VLAN 10, and the commands for VLAN division on the switch are correct.
B. Client2 belongs to VLAN 20, and the VLAN-based command on the switch is correct.
C. Client3 belongs to VLAN 30, and the commands for VLAN division on the switch are correct.
D. Client4 belongs to VLAN 40, and the commands for VLAN division on the switch are correct.
E. Client4 is not in VLAN 40, and the command to divide the VLAN on the switch is incorrect.

Answer: A, B, E

Question: 327

.[Huawei]user interface vty 0 14 -
[Huawei ui vty0 14]acl 2000 inbound - - -
[Huawei ui vty0 14]user privilege level 3 - - -
[Huawei ui vty0 14]authentication mode password - - - -
Please configure the login password(maximum length 16): huawei
The configuration of Vty is as shown above, and the user privilege level is set to level 3, which is also the highest level that can be set.

A. Correct
B. Error

Answer: B

Question: 328

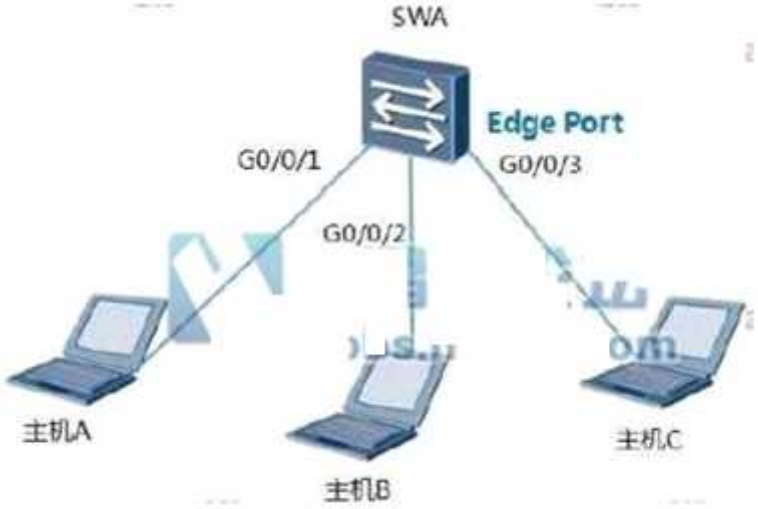
The ACL configuration shown above is completed on the router RTA, and the following description is correct ().
[RTA]acl 2001
Huawei question bank battle report group: 434299778[RTA-acl-basic-2001]rule 20 permit source 20.1.1.0 0.0.0.255
[RTA-acl-basic-2001]rule 10 deny source 20.1.1.0 0.0.0.255

A. The VRP system will automatically adjust the order of the first rule in the order of configuration.
B. The VRP system does not adjust the sequence number, but will first match the rule of the first configuration. 20.1.1.0 0.0.0.255
C. Configuration error, the order number of the rule must be from small to large.
D. The VRP system will first match the second rule in order. deny source 20.1.1.0 0.0.0.255

Answer: D

Question: 329

As shown in the figure, after the switch SWA is running RSTP, the administrator configures the port of the G0/0/3 of the SWA as an Edge Port and uses one switch.
The machine replaces the host C, and the correct description below is ().



A. The G0/0/3 port of SWA will be closed after receiving the BPDU sent by the switch.
B. The G0/0/3 port of SWA will discard the received BPDU and forward the data normally.
C. The G0/0/3 port of SWA will perform RSTP operation after receiving the BPDU.
D. Among all hosts, only host A can send and receive data normally.

Answer: C

Question: 330

Which of the following is not included in the routing table?

A. Source address
B. Next hop
C. Target network
D. Routing cost

Answer: A

Question: 331

A host in a private network needs to access the Internet. To achieve this requirement, the administrator should do the following on the edge router of the network.
What configuration? (multiple choice)

A. NAT Easy IP
B. DHCP
C. STP
D. Default route

Answer: A, D

Question: 332

The correct statement about inter-VLAN communication is (). (multiple choice)

A. Inter-VLAN communication can be achieved by one-arm routing
B. Inter-VLAN communication can be realized through a three-layer switch
C. Inter-VLAN communication cannot be implemented through a Layer 2 switch.
D. Inter-VLAN communication can be realized by GVRP
E. Inter-VLAN communication must rely on routers to achieve

Answer: A, B, C

Question: 333

Which of the following types of addresses are not included in the Pv6 address?

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

Answer: C

Question: 334

The correct DD packet and LSA description for OSPF middle age is (). (multiple choice)

A. The DD message contains the details of the LSA.
B. The DD packet contains only the header information of the LSA.
C. The head of the LSA can uniquely identify an LSA

D. LSA head is just a small part of the LSA

Answer: B, C, D

Question: 335

Huawei AR G3 series routers can update system files through FTP and TFTP. The following description is correct () (multiple choice)

A. AR G3 series routers can be used as FTP clients.
B. AR G3 series routers can be used as FTP Server
C. AR G3 series routers can be used as TFTP clients.
D. AR G3 series routers can be used as TFTP Server

Answer: A, B, C

Question: 336

The following is true about PPP description (). (multiple choice)

A. For the physical layer, PPP supports asynchronous links and synchronous links.
B. PPP is not scalable and cannot be deployed on an Ethernet link.
C. PPP supports plaintext and ciphertext authentication
D. PPP supports multiple network layer protocols, such as IPCP and IPXCP.
E. PPP supports bundling multiple physical links into logical links to increase bandwidth

Answer: A, C, D, E

Question: 337

In a frame relay network, DLCI is only the identifier of a virtual circuit under an interface. It must be globally unique when planning and deploying.

A. Correct
B. Error

Answer: B

Question: 338

The following is a mistake in the priority of static routes in Huawei devices ().

A. The static router priority value ranges from 0 255 -
B. The default value of static router priority is 60.

C. The priority of static routes is divided into internal priority and external priority. Administrators can modify external priority.
D. The priority value of the static route is 255, indicating that the route is unavailable.

Answer: A

Question: 339

If the administrator wants to update the VRP of the AR2200 router, the correct method is (). (multiple choice)

A. The administrator configures the AR2200 as an FTP client to transfer VRP software through FTP.
B. The administrator configures the AR2200 as an FTP server to transmit VRP software through FTP.
C. The administrator configures the AR2200 as a TFTP server and transmits VRP software through TFTP.
D. The administrator configures the AR2200 as a TFTP client to transmit VRP software through TFTP.

Answer: A, B, D

Question: 340

In order to change some office locations frequently, network administrators often plan to access users from different switches to the corporate network.
VLAN10, which method should I use to divide VLANs?

A. Port-based VLAN
B. VLAN based on protocol
C. VLAN based on MAC address
D. VLAN based on subnets

Answer: C

Question: 341

[RTA]aaa
[RTA-aaa]domain huawei
[RTA-aaa-domain-huawei]authentication-scheme au1
[RTA-aaa-domain-huawei]authentication-scheme au2
The network administrator performs the above configuration on the Huawei router RT
A. If a user needs to be authenticated in the authentication domain "huawei", the following is true.
The correct description is ().
A. Will use the "authentication-scheme au1" certification
B. Will use the "authentication-scheme au2" certification
C. will use the "authentication-scheme au1" certification, if "au1" is deleted, will use "au2"
D. will use the "authentication-scheme au2" certification, if "au2" is deleted, will use "au1

Answer: B

Question: 342

The Age time of the RIP route that is viewed by the command on the router is ().

A. RIP packet update interval
B. RIP route aging time
C. RIP route suppression time
D. RIP route switching time

Answer: B

Question: 343

Both the alternate port and the backup port in RSTP cannot forward user traffic, but can receive, process, and send BPDUs.

A. Correct
B. Error

Answer: B

Question: 344

The following configuration can be used to determine that the IP address of the GigabitEthernet0/0/0 interface is incorrectly configured because the IP address of the interface is not
May end in 0.
[Huawei]interface GigabitEthernet0/0/0
[Huawei GigabitEthernet0/0/0] ip address 19.224.17.0 255.255.128.0 -

A. Correct
B. Error

Answer: B

Question: 345

Which of the following protocols does the Frame Relay network use to dynamically map IP addresses to DLCIs?

A. ARP protocol
B. RARP Agreement
C. InARP protocol
D. MAP protocol

Answer: C

Question: 346

<Huawei>reset saved-configuration
Warning:The action will delete the save configuration in the device.The configuration will be erased to reconfigure.Continue?[Y/N]:
The administrator performs the following configuration on the AR2200. The following description about the configuration information is correct ().

A. If the user wants to clear the saved configuration file, he should choose Y.
B. The configuration file will be retained when the device starts up.
C. If the user wants to clear the saved configuration file, he should choose N
D. The saved configuration file will be replaced by the running configuration file.

Answer: A

Question: 347

In Huawei devices, which method can OSPF elect the router ID? (multiple choice)

A. If a loopback interface is configured, select the largest IP address from the IP address of the loopback interface as the router ID.
B. If the loopback interface is not configured, select the largest IP address as the router ID among the IP addresses of other interfaces.
C. Huawei switch may use the largest VLANIF IP address as the router ID.
D. Use the default 127.0.0.1
E. Manually define an arbitrary legal router ID

Answer: A, B, C, E

Question: 348

The following description about the trunk port and the access port is correct ().

A. The Access port can only send untagged frames.
B. The access port can only send tagged frames.
C. Trunk port can only send untagged frames
D. Trunk port can only send tagged frames.

Answer: A

Question: 349

You can use the preference preference to configure the priority value of a RIP route or the command in the RIP process of the Huawei device.
After specifying a routing policy, set the priority value for the specific route that meets the conditions.

A. Correct
B. Error

Answer: A

Question: 350

An existing switch is directly connected to the designated port of the peer device through a port, but the port does not forward any packets but can be connected.
Receive a BPDU to listen for network changes, then the role of the port should be ().

A. Root port
B. Designated port
C. Alternate port
D. Disable port

Answer: C

Question: 351

The following is true about the TTL field in the IP packet header ().

A. TTL defines the number of packets that the source host can send.
B. TTL defines the time interval at which the source host can send packets.
C. Whenever a packet passes through a router, its TTL value will be decremented by one.
D. Whenever a packet passes through a router, its TTL value will be increased by one.

Answer: C

Question: 352

.VRP supports OSPF multi-process. If no process number is specified, the default process number is ().

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

Answer: B

Question: 353

Which of the following WLAN standard operating frequencies are in the 5 GHz band? (multiple choice)

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

Answer: A, D

Question: 354

Which of the following are routing protocols? (multiple choice)

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

Answer: B, C

Question: 355

In the frame relay network, regarding the mapping information on the DTE device, the description is correct ()

A. Local DLCI and remote IP address mapping
B. Mapping of local IP address to remote DLCI
C. Mapping of local DLCI to local IP address
D. Remote DLCI and remote IP address mapping

Answer: A

Question: 356

Which of the following parameters cannot be used for the advanced access control list?

A. Physical interface
B. Destination port number
C. Agreement number
D. Time range

Answer: A

Question: 357

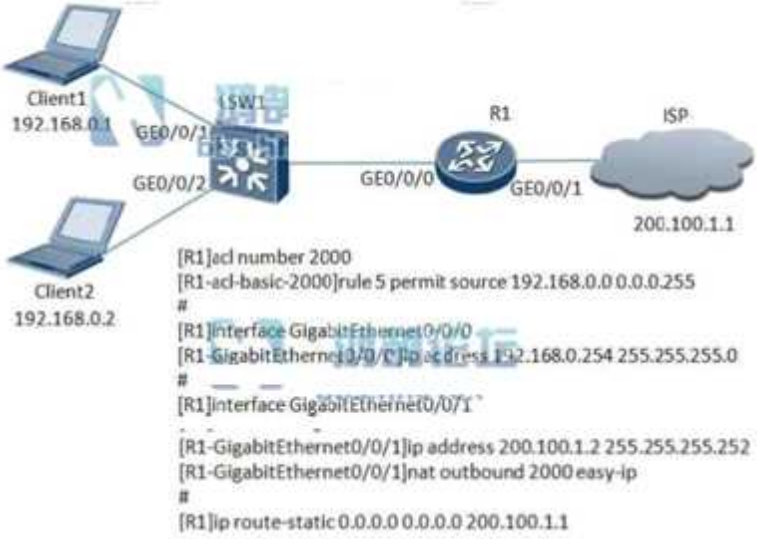
On the Huawei AR G3 router, the -i parameter of the Ping command in the VRP is used to set ()

A. Interface for sending Echo Request messages
B. Source IP address for sending Echo Request messages
C. Interface for receiving Echo Reply packets
D. Destination IP address of the received Echo Reply packet

Answer: A

Question: 358

As shown in the figure, according to the configuration on the router R1, it can be judged that the two PCs can access the ISP network normally.



A. Correct
B. Error

Answer: A

Question: 359

According to the command shown above, the correct one in the following description is (). (multiple choice) [Huawei-GigabitEthernet0/0/1]port link-type access
[Huawei-GigabitEthernet0/0/1]port default vlan 10
[Huawei-GigabitEthernet0/0/2]port link-type trunk
[Huawei-GigabitEthernet0/0/2]port trunk allow-pass vlan 10

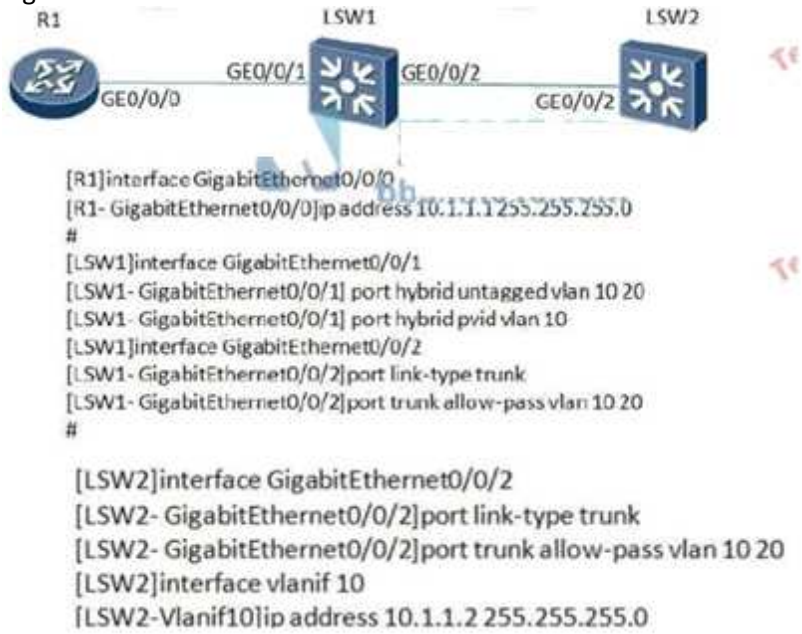
A. The PVID of port GigabitEthernet 0/0/1 is 10.
B. The PVID of port GigabitEthernet 0/0/1 is 1.
C. The PVID of GigabitEthernet0/0/2 is 10

D. The PVID of the GigabitEthernet0/0/2 port is 1.

Answer: A, D

Question: 360

As shown in the figure, if the command ping 10.1.1.2 is executed on R1, LSW1 receives the data frame from VLAN 10 of LSW2.
Signed.



A. Correct
B. Error

Answer: A

Question: 361

The CHAP authentication command enabled in .PPP is: ppp chap authentication.

A. Correct
B. Error

Answer: B

Question: 362

The Ethernet electrical interface can work in 3 duplex modes, and the Ethernet optical interface can only

work in () mode.

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

Answer: A

Question: 363

The Ethernet electrical interface can work in 3 duplex modes, and the Ethernet optical interface can only work in () mode.

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

Answer: B, C, D

Question: 364

What are the following characteristics of the default VLAN in a Layer 2 Ethernet switch? (multiple choice)

A. The default VLAN cannot be manually deleted
B. By default, the switch is a member port of the default VLAN.
C. You must create a default VLAN before you can assign a port to it.
D. The IP address configured on the switch will only be applied to the member port of the default VLAN.

Answer: A, B

Question: 365

The two routers are connected through a serial port, and the serial link is encapsulated in PPP. Which of the following parameters is required before the PPP link is Up?
negotiatable? (multiple choice)

A. MRU
B. Authentication Password
C. Magic-Number
D. Authentication Protocol

Answer: A , C, D

Question: 366

In standard STP mode, which of the following non-root bridge switches forwards the TC set by the root switch to BPUD?

A. Root port
B. Backup port
C. Designated port
D. Provisioning port

Answer: C

Question: 367

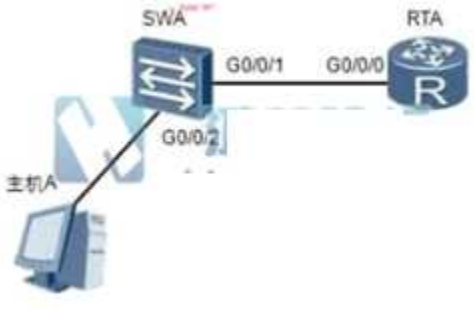
The following description of the Layer 2 Ethernet switch is incorrect ().

A. Ability to learn MAC address
B. It is necessary to make certain modifications to the three-layer header of the forwarded message, and then forward it.
C. Forward according to the Layer 2 header information of the Ethernet frame
D. Layer 2 Ethernet switch works at the data link layer

Answer: B

Question: 368

As shown in the figure, the host has established a connection with the router through Telnet. For the data sent by the host to the router, the following description is positive.
Indeed (). (multiple choice)



A. The destination MAC address of the data frame sent by the host is the MAC address of the interface G0/0/0 of the router.
B. The destination MAC address of the data frame sent by the host is the MAC address of the switch.
C. The destination port number in the data segment sent by the host is 80.
D. The destination IP address of the packet sent by the host is the IP address of the interface G0/0/0 of the router.

Answer: A, D

Question: 369

NAPT allows multiple private IP addresses to be mapped to the same public IP address through different port numbers. The following information about the port number in NAPT
Description The correct one is ().

A. You must manually configure the mapping between port numbers and private addresses.
B. Only need to configure the range of port numbers
C. No need to do any configuration about the port number
D. Need to use ACL to assign port number

Answer: C

Question: 370

How many ways does VRP support router configuration? (multiple choice)

A. Configure the router through the console port.
B. Configure the router through Telent
C. Configure the router through the mini USB port
D. Configure the router through FTP

Answer: A, B, C

Question: 371

A company applies for a Class C IP address segment, but it is assigned to six subsidiaries. The largest subsidiary has 26 computers. Different children
The company must be on a different network segment and the subnet mask should be set to ().
A. 255.255.255.0
B. 255.255.255.128
C. 255.255.255.192
D. 255.255.255

Answer: D

Question: 372

In the following description of eSight, the error is ().

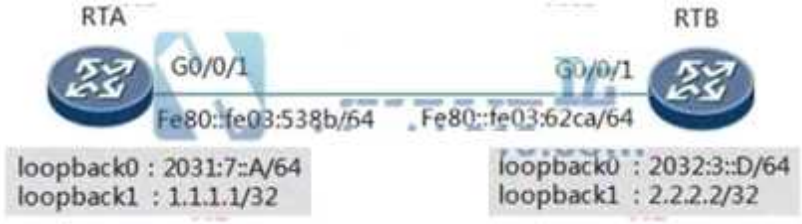
A. eSight can be used to monitor and manage enterprise networks
B. eSight can only manage Huawei network devices.
C. eSight supports WLAN device management and hotspot coverage monitoring

D. eSight supports configuration file backup and traffic analysis.

Answer: B

Question: 373

As shown in the figure, the R0 and RTB G0/0/1 interfaces are configured with IPV6 addresses of different network prefixes, and the network administrator is on two routers.
Both run the OSPFv3 protocol and configure the OSPFv3 Router ID for each router. The correct description is (). (many selected)



A. RTA and RTB can establish OSPFv3 neighbor relationships.
B. RTA and RTB cannot establish OSPFv3 neighbor relationships.
C. RTA can ping RTB
D. RTA cannot ping RTB

Answer: A, C

Question: 374

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

A. Correct
B. Error

Answer: B

Question: 375

As shown in the figure, after the network administrator finishes Telnet configuration on the router, it finds that the host cannot establish a connection with the router through Telnet.
Which options can help solve this problem? (multiple choice)

A. Check if the host's ARP cache table overflows
B. Check if the switch is configured with the default gateway address.
C. Use ping to check the IP connectivity between the host and router G0/0/0 interface
D. Check if the Telnet configuration on the router is correct.

Answer: C, D

Question: 376

What command can I type in system view to switch to user view?

A. system-view
B. router
C. quit
D. user-view

Answer: C

Question: 377

As shown in the figure, regarding the topology and configuration of OSPF, the correct statement in the following statement is ()



A. R1 and R2 can establish stable OSPF neighbor relationships
B. R1 and R2 can establish stable neighbor relationships as long as the interface network type of R1 is restored to the default broadcast type.
C. As long as the interface network type of R1 is restored to the default broadcast type, and the hello time is adjusted to 10s, R1 and R2 can be established.
Neighbor relationship
D. R1 Compared with R2, R2 has a better chance of becoming a DR because its interface DR priority value is relatively small.

Answer: C

Question: 378

The description of the above display information is correct ().
[R1]display interface g0/0/0
GigabitEthernet0/0/0 current state:Administratively DOWN
Line protocol current state:DOWN

A. GigabitEthernet0/0/0 interface is connected with a wrong cable.
B. GigabitEthernet0/0/0 interface is not configured with an IP address.
C. GigabitEthernet0/0/0 interface does not have dynamic routing protocol enabled.
D. GigabitEthernet0/0/0 interface was manually closed by the administrator.c

Answer: D

Question: 379

The administrator finds that the two routers stay in the TWO-WAY state when establishing an OSPF neighbor. The correct description is ().

A. The router is configured with the same process ID.
B. The router is configured with the same zone ID
C. The router is configured with the wrong router ID
D. These two routers are DR Other routers in the broadcast network.

Answer: D

Question: 380

IPsec VPN is used to transfer data between the two hosts. In order to hide the real IP address and ensure the highest possible data, use IPsec.
VPN mode and protocol package is better? (choose 2 answers)

A. AH
B. Transmission mode
C. Tunnel mode
D. ESPc

Answer: C, D

Question: 381

Huawei devices can be managed using the Telnet protocol. Which of the following statements is correct about this management function?

A. The default port number used by Telnet is 22, which cannot be modified.
B. Telnet must have a VTY interface enabled and a maximum of 15
C. Telnet does not support authentication based on username and password
D. Telnet does not support deploying ACLs for added security

Answer: B

Question: 382

On the switch, which VLANs can be deleted by using the undo command? (multiple choice)

A. VLAN 1
B. VLAN 2
C. VLAN 1024
D. VLAN 4094

Answer: B, C, D

Question: 383

In the command fr map ip 10.1.1.2 200, the meaning of the number 200 is ().

A. Peer logical channel number
B. Local DLCI number
C. Peer interface number
D. Peer node number

Answer: B

Question: 384

As shown in the figure, a static NAT command is deployed on router R1. When the PC accesses the Internet, the destination address in the packet does not occur.
Any changes.



A. Correct
B. Error

Answer: A

Question: 385

The company network engineer has an AR2200 that cannot be started normally. How can the administrator want to update its VRP?

A. The administrator needs to use the console cable to connect to the router and host, and then enter the BootROM interface to complete the upgrade.
B. The administrator needs to configure the AR2200 as an FTP client and use FTP to transfer the new VRP.
C. The administrator needs to configure the AR2200 to obtain an IP address through DHCP and then obtain the VRP system file through TFTP.
D. The administrator needs to use telnet on the local host to remotely update the VRP system files of the device.

Answer: B

Question: 386

[RTA]acl 2002
[RTA-acl-basic-2002]rule deny source 172.16.1.1 0.0.0.0
[RTA-acl-basic-2002]rule deny source 172.16.0.0 0.255.0.0
Which of the following entries will be matched on the router PTA using the ACL matching routing entries shown above? (multiple choice)

A. 172.16.1.1/32
B. 172.16.1.0/24
C. 192.17.0.0/24
D. 172.18.0.0/16

Answer: A, D

Question: 387

After the host obtains the IP address from DHCP server A and restarts, what kind of message will the following message be sent to DHCP server A?

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

Answer: B

Question: 388

The ACL of the AR G3 series router supports two matching sequences: configuration order and automatic sorting.

A. Correct
B. Error

Answer: A

Question: 389

The STP switch sends BPDUs. The correct statement about BPDU is (). (multiple choice)

A. BPDU is a frame using the IEEE802.3 standard
B. BPDU is a frame using the Etherent II standard
C. The Control field value of the BPDU frame is 3.
D. The destination MAC address of the BPDU frame is the broadcast address.

Answer: A, C

Question: 390

Referring to the output result as shown in the figure, it can be judged that the routing table of the router is composed of a direct route and a static route, and the direct route is
The route priority value cannot be modified.

```
<Huawei>dis ip routing-table
Route Flags: R - relay, D - download to fib
------------------------------------------------------------------------------
Routing Tables: Publ
         Destinations : 9        Routes : 9

Destination/Mask    Proto   Pre  Cost      Flags NextHop         Interface

        1.1.1.1/32  Static  60   0           D   100.1.1.1       GigabitEthernet0/0/0
      100.1.1.0/24  Direct  0    0           D   100.1.1.1       GigabitEthernet0/0/0
      100.1.1.1/32  Direct  0    0           D   127.0.0.1       GigabitEthernet0/0/0
      103.0.0.0/26  Direct  0    0           D   103.0.0.1       GigabitEthernet0/0/2
      103.0.0.1/32  Direct  0    0           D   127.0.0.1       GigabitEthernet0/0/2
      127.0.0.0/8   Direct  0    0           D   127.0.0.1       InLoopBack0
      127.0.0.1/32  Direct  0    0           D   127.0.0.1       InLoopBack0
      200.1.1.0/24  Direct  0    0           D   200.1.1.1       GigabitEthernet0/0/1
      200.1.1.1/32  Direct  0    0           D   127.0.0.1       GigabitEthernet0/0/1
```

A. Correct
B. Error

Answer: A

Question: 391

In the RSTP standard, the port that the switch directly connects to the terminal instead of the other bridge is defined as ().

A. Fast port
B. Backup port
C. Root port
D. Edge port

Answer: D

Question: 392

The Access port strips out the VLAN ID when it receives the same data frame with the same VLAN ID and PVID. Then forward directly.

A. Correct
B. Error

Answer: B

Question: 393

When the port of the Access type sends a message, it will ().

A. Send a packet with a tag
B. Strip the VLAN information of the message and then send it out.
C. Add the VLAN information of the packet, and then send it out.
D. Put the PVID information of this port and then send it out.

Answer: B

Question: 394

You can use the undo summary command to disable automatic summarization of the routing protocol RIPv2 in Huawei devices.

A. Correct
B. Error

Answer: A

Question: 395

If the network address of a network is 10.1.1.0/30, then its broadcast address is ()?

A. 10.1.1.1
B. 10.1.1.2
C. 10.1.1.3
D. 10.1.1.4

Answer: C

Question: 396

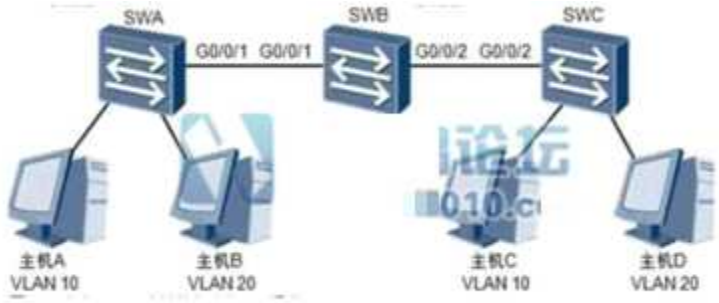
On the VRP platform, the order of the default protocol priorities of direct route, static route, RIP, and OSPF is ().

A. Direct route, static route, RIP, OSPF
B. Direct route, OSPF, static route, RIP
C. Direct routing, OSPF, RIP, static routing
D. Direct routing, RIP, static routing, OSPF

Answer: B

Question: 397

As shown in the figure, all three switches run GVRP, create VLAN 10 and VLAN 20 on SWA and SWC, and create them on SWB.
VLAN 10. SWB dynamically learned VLAN 20 from SWA and SWC through GVRP. If the port G0/0/1 on the SWB is modified to be GVRP
In the Fixed mode, the following description is correct ().



A. Host A can continue to communicate with Host C.
B. Host B can continue to communicate with Host D
C. Hosts belonging to the same VLAN can continue to communicate
D. All hosts cannot communicate with any other host

Answer: A

Question: 398

The MAC address of G0/0/1 on a router is 00E0-FC03-AA73. The IP address of this interface is 2001::2E0:FCFF:AA73, root.
Based on this information, it can be determined that the interface identifier of this interface is based on ().

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

Answer: D

Question: 399

In PPP, when the dual-end of both communicating parties detects the physical link activation, it will switch from the link unavailable phase to the link establishment phase.
This phase is mainly through the negotiation of link parameters through the () protocol.
A. IP
B. DHCP
C. LCP
D. NCP

Answer: C

Question: 400

Regarding the RIP routing protocol, the following description is correct ().

A. The router cannot send a router entry with a hop count of 16 to its directly connected neighbor.
B. The router may receive a route entry with a hop count of 16 sent by the directly connected neighbor, but will discard it immediately after receiving it, and will not do any other processing.
C. The router may receive a route entry with a hop count of 16 sent by the directly connected neighbor. After receiving it, it will use it to update its own routing table.
D. The above description is incorrect.

Answer: C

Question: 401

Which of the following storage media are commonly used by Huawei routers? (multiple choice)

A. SDRAM
B. NVRAM

C. Flash
D. Hard Disk
E. SD Card

Answer: A, B, C, E

Question: 402

The Layer 2 Ethernet switch generates a MAC address table option based on the () packet received by the port.

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

Answer: A

Question: 403

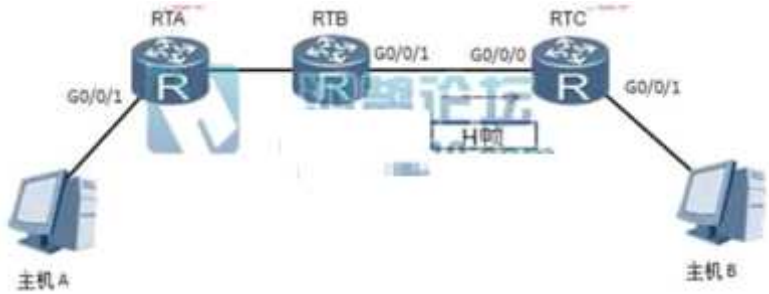
In OSPF, which routers does a DR other router exchange link state information with? (multiple choice)

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

Answer: A, B

Question: 404

As shown in the figure, the H frame contains an IP packet sent from Host A to Host B, and the destination MAC address of the H frame is ().



A. MAC address of G0/0/1 interface of RTB
B. MAC address of G0/0/1 interface of RTC
C. Host B's MAC address

D. RTC G0/0/0 interface MAC address

Answer: D

Question: 405

After deploying a DHCP server on the network, the administrator finds that some hosts have obtained the address specified by the DHCP server.
What are the possible reasons? (multiple choice)

A. There is another DHCP server in the network that is more efficient.
B. Some hosts cannot communicate properly with the DHCP server. These host client systems automatically generate addresses in the range of 169.254.0.0.
C. Some hosts cannot communicate properly with the DHCP server. These host client systems automatically generate addresses in the range of 127.254.0.0.
D. The address pool of the DHCP server has been completely allocated.

Answer: A, B, D

Question: 406

What is the role of the command "interface vlan vlan-id" on the VRP platform?

A. Create a VLAN
B. Create or enter the VLAN virtual interface view
C. Configure a VLAN for a port
D. No such order

Answer: B

Question: 407

A Windows host is started for the first time. If the IP address cannot be obtained from the DHCP server, then the host may use the following one.
IP address?

A. 0.0.0.0
B. 127.0.0.1
C. 169.254.2.33
D. 255.255.255.255

Answer: C

Question: 408

On Huawei devices, administrators can announce subnets in RIPV2 because RIPV2 supports VLSM.

A. Correct
B. Error

Answer: B

Question: 409

The administrator wants to upgrade the configuration file for the AR2200 via a USB cable, and the following description is correct (). (multiple choice)

A. Connect the mini USB cable of the PC and AR2200 with a mini USB cable.
B. Connect the USB interface of the PC and AR2200 with a mini USB cable.
C. The AR2200 does not support the use of USB to update configuration files.
D. After connecting the cable, the administrator needs to install the driver for the mini USB.

Answer: A, D

Question: 410

The above information is the port status information displayed on a switch running STP. Based on this information. The following description is wrong ().

MSTID	Port	Role	STP State	Protec
0	GigabitEthernet0/0/1	DESI	FORWARDING	NON
0	GigabitEthernet0/0/2	DESI	FORWARDING	NON
0	GigabitEthernet0/0/13	DESI	FORWARDING	NON
0	GigabitEthernet0/0/21	DESI	FORWARDING	NON
0	GigabitEthernet0/0/22	DESI	FORWARDING	NON
0	GigabitEthernet0/0/23	DESI	FORWARDING	NON

A. It is possible to include only this switch in this network.
B. This switch may be a switch in the network.
C. This switch is a non-designated switch for the network it is connected to
D. This switch may be connected to 6 other switches.

Answer: C

Question: 411

As shown in the figure, if Host A and Host B want to implement inter-VLAN communication through one-arm routing, which one should be configured under G0/0/1.1 interface of RTA.
Set?



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

Answer: B

Question: 412

The following description about IPv6 is correct (). (choose 2 answers)

A. IPv6 address length is 64bits
B. IPv6 address length is 128bits
C. When an IPv6 message has multiple extension headers, the extension header must appear in an orderly manner
D. When an IPv6 message has multiple extension headers, the extension header can appear randomly.

Answer: B, C

Question: 413

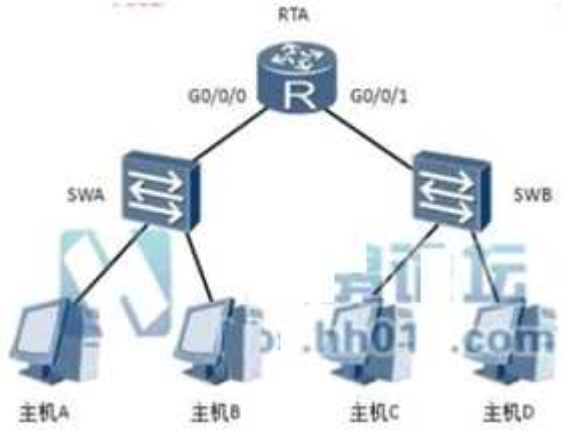
When using Telnet to log in to the router, which authentication methods can I choose? (choose 2 answers)

A. password authentication
B. AAA local certification
C. MD5 ciphertext authentication
D. Not certified

Answer: A, B

Question: 414

As shown in the figure, the G0/0/0 and G0/0/1 interfaces of the RTA are connected to two different network segments respectively, and the RTA acts as a gateway for the two networks. Host A
Before sending data to host C, it will send an ARP Request to get the MAC address of ().



A. Host C
B. RTA G0/0/0 interface
C. RTA G0/0/1 interface
D. SWA

Answer: B

Question: 415

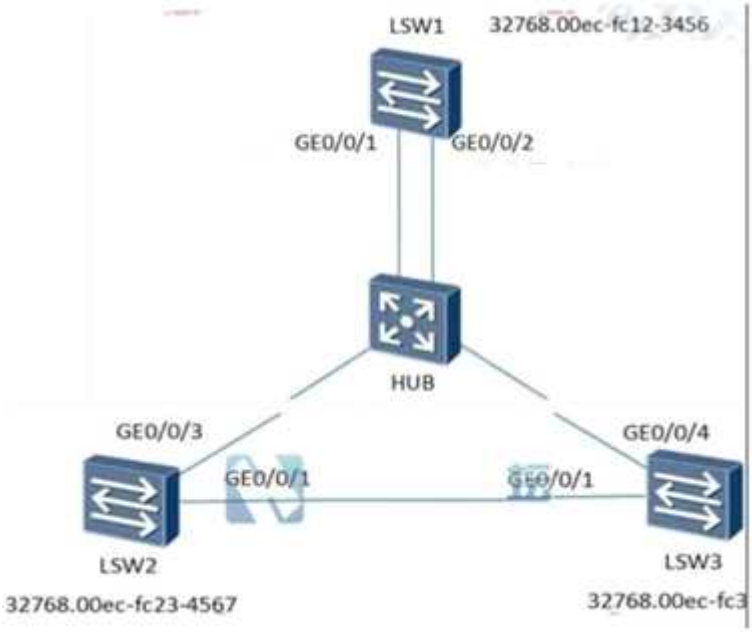
When an image file is transmitted over the network using the application software, the TCP/IP encapsulation process is: data data segment data - -
Packet Data frame Data stream. - -

A. Correct
B. Error

Answer: A

Question: 416

As shown in the figure, the three Layer 2 switches are interconnected with one HUB, and the STP function is enabled on the switch. For the bridge ID setting of the STP switch, refer to the following.
Figure, others are the default configuration. The following statement is wrong ().



A. After the bridge ID comparison, LSW1 is the root bridge.
B. The G0/0/2 port of LSW1 is blocked.
C. G0/0/1 of LSW3 is an AP port and is blocked.
D. Both ports of LSW1 are designated ports and are in the forwarding state.

Answer: D

Question: 417

Which of the following is not included in the VRP system login method?

A. Telnet
B. SSH
C. Web
D. Netstream

Answer: D

Question: 418

As shown in the Display information, when the switch needs to forward a frame with a destination MAC address of 5489-98ec-f011. The following description is correct
().

() 。

```
<Quidway>display mac-address
------------------------------------------------------------
MAC Address  VLAN/VSI    Learned-From    Type
------------------------------------------------------------
5489-98ec-f018 1/-       GE0/0/13        dynamic
------------------------------------------------------------
Total items displayed = 1
```

A. The switch needs to send a request to discover the device with the MAC address 5489-98ec-f011.
B. The switch will send the target unreachable message to the source device.
C. The switch will flood the frame on all ports except the one that received the frame.
D. The switch did not find a matching entry in the MAC address table, so the frame will be discarded.

Answer: C

Question: 419

What versions of SNMP are supported by eSight? (multiple choice)

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

Answer: A, C, D

Question: 420

The following description is correct (). (multiple choice)

A. The next hop in the routing table is redundant. If there is an outgoing interface, the packet can be forwarded.
B. Routes obtained through different routing protocols have different priorities
C. The metrics defined by different routing protocols are comparable.
D. The metrics defined by different routing protocols are not comparable.

Answer: B, D

Question: 421

When an IPsec tunnel is established between two routers, which of the following parameters does not need to be consistent between IPsec peers?

A. The security protocol used

B. Data encapsulation mode
C. Proposal name
D. Authentication algorithm

Answer: C

Question: 422

As shown in the figure, all four switches run STP, and various parameters use default values. Sending a block on a port of the root switch and failing to pass the
When a port sends a configuration BPDU, how long does the blocked port in the network enter the forwarding state?



A. About 30 seconds
B. About 50 seconds
C. About 15 seconds
D. About 3 seconds

Answer: B

Question: 423

When configuring the router through the Console, the correct setting for the terminal emulator is ().

A. 48006ps, 8-bit data bits, 1-bit stop bit, odd parity and no flow control
B. 96006ps, 8-bit data bit, 1 stop bit, no parity and no flow control
C. 96006ps, 8-bit data bits, 1-bit stop bit, even parity and hardware flow control
D. 192006ps, 8-bit data bit, 1 stop bit, no parity and no flow control

Answer: B

Question: 424

The following description of the specified port for the spanning tree is correct.

A. There is only one designated port per bridge
B. The designated port can forward configuration BPDUs to its connected network segment.
C. The port on the root switch must not be the designated port.
D. Specify the port to forward configuration BPDUs from this switch to the root switch.

Answer: B

Question: 425

On a frame relay network, a static MAP has been configured on an interface. If you continue to configure the fr inarp command, the interface will send an Inverse.
The ARP request packet is sent to the peer and the static MAP record is overwritten.

A. Correct
B. Error

Answer: B

Question: 426

Which of the following commands can be used to check whether OSPF has correctly established neighbor relationships?

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

Answer: C

Question: 427

If the administrator finds that the file cannot be transferred to the Huawei AR2200 through TFTP, what is the possible cause? ()

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

Answer: C

Question: 428

Which of the following commands can be used to check the session status of a PPPoE client?

A. display ip interface brief
B. display current-configuartion
C. display pppoe-client session packet
D. display pppoe-client session summary

Answer: D

Question: 429

An AR2200 router learned the route entries to the same network and the routes learned through OSPF through OSPF and RIPv2.
The overhead value is 4882, and the number of hops learned by RIPv2 is 4, and there will be () in the router's routing table.

A. RIPv2 routing
B. OSPF and RIPv2
C. OSPF routing
D. Both do not exist

Answer: C

Question: 430

The client has an error accessing the FTP server. If there is no problem checking the connectivity between the server and the client, then which servers are possible?
Is the port blocked? (choose 2 answers)

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

Answer: A, C

Question: 431

The function of OSPF hello packets is (). (multiple choice)

A. Discovering neighbors
B. Publish parameter information such as Router ID and Router Priority.
C. Maintaining neighbor relationships
D. Synchronous router LSDB

Answer: A, B, C

Question: 432

The administrator wants to completely delete the old device configuration file config.zip, then the following command is correct ().

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

Answer: B

Question: 433

On the command line interface of the Huawei AR router, the save command saves the current system time.

A. Correct
B. Error

Answer: B

Question: 434

When the router's configuration file is saved, which storage medium is generally stored on it?

A. SDRAM
B. NVRAM
C. Flash
D. Boot ROM

Answer: C

Question: 435

.ip route-static 10.0.12.0 255.255.255.0 192.168.11 The correct description for this command is ().

A. This command configures a route to the 192.168.1.1 network.
B. This command configures a route to the 10.0.12.0 network.
C. The priority of this route is 100.
D. If the router learns the route of the same network as this route through other protocols, the router will prefer this route.

Answer: B

Question: 436

This is the three packets that the administrator has captured on the network. The following statement is incorrect ().

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

A. These three packets represent the three-way handshake of TCP.
B. The IP address of the Telnet server is 10.0.12.1, and the IP address of the Telnet client is 10.0.12.2.
C. These three data packages do not contain application data.
D. The Telnet client uses the 50190 port to establish a connection with the server.

Answer: B

Question: 437

The broadcast address is a special address in the network address where the host bits are all set to 1. It can also be used as a host address.

A. Correct
B. Error

Answer: B

Question: 438

The backup port in RSTP can replace the failed root port.
Huawei question bank battle report group: 434299778
A. Correct
B. Error

Answer: B

Question: 439

What types of networks are supported by the OSPF protocol? (multiple choice)

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

Answer: A, B, C, D

Question: 440

When two switches use link aggregation technology for interconnection, which of the following conditions do each member port need to meet? (multiple choice)

A. The number of physical ports connected to the two ends is the same.
B. The physical ports connected to the two ends have the same rate.
C. The physical port duplex mode connected to the two ends is the same.
D. The physical numbers of the physical interfaces connected to the two ends are the same.
E. The optical modules used by the physical ports connected to the two ends are of the same type.

Answer: A, B, C

Question: 441

The network management work manages the network device through the SNMP protocol. When the managed device has an abnormality, the network management workstation will receive it.
SNMP packets?

A. get-response message
B. set-request message
C. trap message
D. get-request message

Answer: C

Question: 442

The following description about the ICMP redirect function is correct (). (multiple choice)

A. After the router receives the data packet from an interface and sends the data packet from the interface again, the router will send ICMP.
Redirect the message to the source device.
B. After the router receives the data packet from an interface, it finds that the IP address of the interface and the destination IP address of the data packet are on the same network segment.
The router will send an ICMP redirect message to the source device.
C. After the router receives the data packet from an interface and sends the data packet from the interface, the source device will send an ICMP weight.
Direct the message to the router.
D. After the router receives the data packet from an interface, it finds the source IP address of the data packet and the next hop when the router continues to forward the data packet.
If the IP address belongs to the same network segment, the router will send an ICMP redirect message to the source device.

Answer: A, D

Question: 443

On the VRP interface, you cannot use the command delete or unreserved vrpcfg.zip to delete files. You must empty them in the recycle bin to thoroughly
Delete Files.

A. Correct
B. Error

Answer: B

Question: 444

Regarding the role of ARP protocol and packet encapsulation, the description is correct ()

A. Inverse ARP in ARP is used to resolve device names
B. The MAC address of the destination and the address of the UUID can be obtained through the ARP protocol.
C. ARP protocol supports deployment on PPP links and HDLC links
D. ARP protocol is based on Ethernet package

Answer: D

Question: 445

The topology and configuration are as shown in the figure. Then, an Eth Trunk - logical link can be established between the two switches. And LSW2 is active end.



A. Correct
B. Error

Answer: B

Question: 446

As shown in the figure, RTA is a DTE device connected to a frame relay switch. If RTA uses dynamic mapping to establish a PVC connection, which of the following
These commands do not need to be configured on the RTA? (multiple choice)



A. [RTA-Serial1/0/1] ip address 172.16.1.124
B. [RTA-Serial1/0/1]link-protocol fr
C. [RTA-Serial1/0/1]fr interface-type dte
D. [RTA-Serial1/0/1]fr inarp

Answer: C, D

Question: 447

If two IPsec VPN peers want to use both AH and ESP to ensure secure communication, how many do the two peers need to build?
SA (Security Alliance)?

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

Answer: D

Question: 448

A trunk port can allow multiple VLANs to pass, including VLAN4096.

A. Correct
B. Error

Answer: B

Question: 449

217.#
Interface GigabitEthernet0/0/1
Port link type trunk -
Port trunk allow pass vlan 2 to 4094 -
#
According to the command output shown above, the correct one in the following description is () (multiple choice)

A. GigabitEthernet0/0/1 does not allow VLAN1 to pass.
B. GigabitEthernet0/0/1 allows VLAN1 to pass
C. If you want to change the GigabitEthernet0/0/1 port to an Access port, you must first use the command “undo port trunk allow pass vlan -
All clear the default configuration
D. If you want to change the GigabitEthernet0/0/1 port to an Access port, you must first use the command “undo port trunk allow pass vlan -
2 to 4094" clear default configuration

Answer: B, D

Question: 450

The STP root switch is elected based on the comparison of switch priorities. In RSTP, the switch priority and MAC address are compared. site.

A. Correct
B. Error

Answer: B

Question: 451

The administrator performs the above configuration on the Router. After the completion, a switch is connected to the G1/0/0 interface of the router.
The IP address description of this host is correct ().
[Router]ip pool pool 1
[Router-ip-pool-pool 1]network 10.10.10.0 mask 255.255.255.0
[Router-ip-pool-pool 1] gateway-list 10.10.10.1
[Router-ip-pool-pool 1]quit
[Router]ip pool pool 2
[Router-ip-pool-pool 2]network 10.20.20.0 mask 255.255.255.0
[Router-ip-pool-pool 2] gateway-list 10.20.20.1
[Router-ip-pool-pool 2]quit
[Router]interface GigabitEthernet 1/0/0
[Router-GigabitEthernet 1/0/0] ip address 10.10.10.1.24
[Router-GigabitEthernet 1/0/0]dhcp select global

A. The obtained IP address belongs to the 10.10.10.0/24 network.
B. The obtained IP address belongs to the 10..20.20.0/24 network.
C. The host cannot obtain an IP address.
D. The obtained IP address may belong to the 10.10.10.0/24 network, or it may belong to the 10.20.20.0/24 network.

Answer: A

Question: 452

As shown in the figure, RTA sends a PADI message to server A as a PPPOE client, and server A replies to a PADO message. PADO message is One () frame.

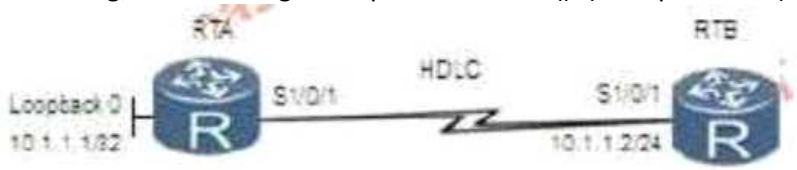


A. Unicast
B. Multicast
C. Broadcast
D. Anycast

Answer: A

Question: 453

As shown in the figure, the address is configured on the Serial 1/0/1 interface of the RTA using the command "ip address unnumbered interface loopback 0".
Borrowing, the following description is correct (). (multiple choice)



A. The IP address of the interface of Serial 1/0/1 of the RTA is 10.1.1.1/24.
B. The IP address of the interface of Serial 1/0/1 of RTA is 10.1.1.1/32.
C. There is a 10.1.1.0/24 routing entry in the RTA routing table.
D. There is no 10.1.1.0/24 routing entry in the RTA routing table.

Answer: B, D

Question: 454

The following is incorrect about the description of STP () (multiple choice)

A. There can only be one designated switch in a switched network
B. All ports of the root switch are root ports
C. All ports in the root switch are designated ports
D. The switch with the lowest switch priority value in the switched network becomes a non-root switch.

Answer: A, B, D

Question: 455

A router learns routes to the same destination address through RIP, OSPF, and static routes. By default, VRP will be the most
Which routing protocol does the terminal choose to learn?

A. RIP
B. OSPF
C. The routes learned by the three protocols are selected.
D. Static routing

Answer: B

Question: 456

The administrator plans to implement a route backup by configuring a static floating route. The correct implementation method is ().

A. The administrator needs to configure different protocol priority values for the primary static route and the alternate static route.
B. The administrator only needs to configure two static routes.
C. The administrator needs to configure different TAGs for the primary static route and the standby static route.
D. The administrator needs to configure different metrics for the primary static route and the alternate static route.

Answer: A

Question: 457

What is the full name of VRP?

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

Answer: D

Question: 458

The port cost calculated by STP has a certain relationship with the port bandwidth. That is, the larger the bandwidth, the more overhead ().

A. small
B. Big
C. Consistent
D. Not necessarily

Answer: A

Question: 459

After a fault occurs in the network, the administrator finds out that the configuration of a router has been modified. What measures should the administrator take to avoid?
Avoid this happening again? (multiple choice)

A. The administrator should configure all account login devices except the administrator to have a privilege level of 0.
B. The administrator should configure AAA to authenticate and authorize users who log in to the device.
C. The administrator should configure the ACL to control only the administrator to log in to the device.
D. The administrator should enable port-security on the management port of the route

Answer: A, B, C

Question: 460

If the network address of a network is 192.168.1.0, then its broadcast address must be 192.168.1.255.

A. Correct
B. Error

Answer: B

Question: 461

The following figure shows the routing table of a router. When the router receives a packet with the destination IP address of 9.1.1.1, the router forwards the packet according to the route of 9.1.0.0/16 because the route matches the destination address 9.1. The number of bits in .1.1 is more.

```
<Huawei>display ip routing-table
Route Flags: R - relay, D - download to fib
------------------------------------------------------------------------------
Routing Tables: Public         Destinations : 2        Routes : 2

Destination/Mask    Proto   Pre  Cost      Flags NextHop         Interface

0.0.0.0/0           Static  60   0           D   120.0.0.2       Serial1/0/0
8.0.0.0/8           RIP     100  3           D   120.0.0.2       Serial1/0/0
9.0.0.0/8           OSPF    10   50          D   [illegible].0.2 Ethernet2/0/0
9.1.0.0/16          RIP     100  4           D   120.0.0.2       Serial1/0/0
11.0.0.0/8          Static  60   [illegible] D   [illegible].0.2 Serial2/0/0
20.0.0.0/8          Direct  0    0           D   20.0.0.1        Ethernet2/0/0
20.0.0.1/32         Direct  0    0           D   127.0.0.1       Loopback0
```

A. Correct
B. Error

Answer: A

Question: 462

The VRP operating system commands are divided into four levels: access level, monitoring level, configuration level, and management level. Can run various business configuration commands but not Which level of operating file system?

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

Answer: C

Question: 463

On a Huawei device, if AAA authentication is used for authorization, when the remote server does not respond, authorization can be performed from the network device.

A. Correct
B. Error

Answer: A

Question: 464

When configuring AAA authentication on Huawei AR G3 series routers, how many domains can be configured?

A. 30
B. 31

C. 32
D. 33

Answer: A

Question: 465

A port of the switch is configured as a trunk port, and it is now intended to connect a host to the port to access the network. The following essential operations are
().

A. Delete multiple VLANs on the port in the global view.
B. Delete multiple VLANs on the port in interface view
C. Close the interface and re-enable it to restore the default configuration
D. Configure the interface as an access port

Answer: D

Question: 466

Port aggregation is the aggregation of multiple ports to form an aggregation group to implement load balancing among member ports. Port aggregation is in
() implemented on.

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

Answer: B

Question: 467

When configuring an AR2200 router as a PPPoE client, which of the following configurations is not required?

A. Configure dialing rules
B. Configure the dialer interface
C. Configure an IP address on the dialer interface
D. Configure the password on the dialer interface

Answer: C

Question: 468

How do I enter the view of OSPF area 0 in the VRP operating system? (multiple choice)

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

Answer: B, C

Question: 469

If you use a 10 Gigabit optical module to interconnect two Huawei S5700 switches, the working mode of the interconnect port defaults to full duplex.

A. Correct
B. Error

Answer: A

Question: 470

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

A. Correct
B. Error

Answer: B

Question: 471

As shown in the figure, the packet is encapsulated in IPsec VPN. Which type of packet is encapsulated in IPsec VPN?



A. General mode
B. Transmission mode
C. Tunnel mode
D. This package error

Answer: C

Question: 472

If the Authenticator sends the wrong username and password to the Authenticator during the PPP

authentication process, what type of Authenticator will send
Message to the authenticated person?

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

Answer: B

Question: 473

Network administrators typically use link aggregation technology in their corporate networks. Which of the following descriptions are the advantages of link aggregation? (multiple choice)

A. Implement load sharing
B. Increase bandwidth
C. Improve reliability
D. Improve security

Answer: A, B, C

Question: 474

As shown in the figure, if the switch runs STP with default parameters, which of the following ports will be elected as the designated port?



A. Port G0/0/1 of Switch A
B. Port G0/0/2 of Switch A
C. HUB's E0/0/1 port
D. HUB's E0/0/2 port

Answer: A

Question: 475

After the administrator successfully logs in to the router through Telnet and finds that the IP address of the interface of the router cannot be configured, the possible causes are ().

A. The Telnet terminal software used by the administrator prohibits the corresponding operation.
B. The authentication mode of the Telnet user is incorrectly configured.
C. The Telnet user level is incorrectly configured.
D. SNMP parameter configuration error

Answer: C

Question: 476

Which of the following IPv6 addresses can be manually configured on the router interface? (multiple choice)

A. fe80:13dc::1/64
B. ff00:8a3c::9b/64
C. ::1/128
D. 2001: 12e3: 1b02:: 21/64

Answer: A, D

Question: 477

The role of the VLSM is to divide the corresponding number of bits from the host bit portion as a network bit based on the classful IP address. But on the router
Routing protocol support is required when deploying.

A. Correct
B. Error

Answer: A

Question: 478

Regarding IPv6 address 2031: 0000:72C:0000:0000:09E0:839A:130B, which of the following abbreviations are correct? (multiple choice)

A. 2031:0:720C:0:0:9E0:839A:130B
B. 2031:0:720C:0:0:9E:839A:130B
C. 2031::720C::9E:839A:130B
D. 2031:0:720C::9E0:839A:130B

Answer: A, D

Question: 479

The administrator found that the above message popped up on the device. The correct statement about

this information is ().
<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]:

A. If you need to enable automatic configuration, the administrator needs to choose Y
B. If you do not need to enable automatic configuration, the administrator needs to select N
C. When the device is first started, the auto configuration function is enabled.
D. When the device is first started, the auto configuration function is disabled.

Answer: C

Question: 480

On the VRP platform, if you want the ping program to use the specified IP address as the source address of the echo request message, which of the following can be used?
One parameter?

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

Answer: A

Question: 481

A frame relay PVC is configured on the router and found to be invalid. What is the possible cause? (multiple choice)

A. Configure the same DLCI on the same router
B. LMI type configuration error
C. Frame Relay encapsulation type configuration error
D. DLCI configuration error

Answer: B, C, D

Question: 482

It is known that the routing table of a router has the following two entries. If the router wants to forward packets with the destination address of 9.1.4.5, the following is said.
The correct thing in the law is ().

Destination/Mask	Protocol	Pre	Cost	Nexthop	Interface
9.0.0.0/8	OSPF	10	50	1.1.1.1	Serial0
9.1.0.0/16	RIP	100	5	2.2.2.2	Ethernet0

A. Select the first item as the best match because the OSPF protocol has a higher priority.
B. Select the second item as the best match because the RIP protocol has a lower value.
C. Select the second item as the best match because the exit is Ethternet0, which is faster than Serial 0.
D. Select the second term as the best match because the route entry is a more accurate match for the destination address 9.1.4.5

Answer: D

Question: 483

What are the advanced ACLs on Huawei devices that can be used to filter? (multiple choice)

A. Network traffic based on a specific source address
B. Application-specific traffic, such as QQ
C. Network traffic based on a specific destination address
D. Network traffic based on a specific port number
E. Network traffic based on a specific username

Answer: A, C, D

Question: 484

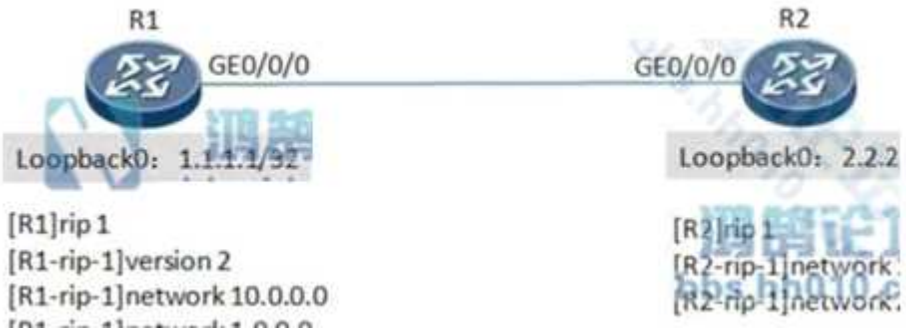
The subnet mask of a network segment 150.25.0.0 is 255.255.224.0, then () is the valid host address in the network segment. (multiple choice)

A. 150.25.0.0
B. 150.25.1.255
C. 150.25.2.24
D. 150.15.3.30

Answer: B, C

Question: 485

As shown in the figure, RIP runs between R1 and R2, and R1 cannot learn the route of 2.2.2.2/32 or 2.0.0.0/8.



A. Correct
B. Error

Answer: A

Question: 486

For the description of the PPP link establishment process, the following statement is wrong () (multiple choice)

A. The Dead phase is also called the physical layer unavailability phase. When both ends of the communication side detect physical line activation, they will migrate from the Dead phase.
To the Establish phase
B. During the Establish phase, the PPP link negotiates LCP parameters. Negotiation content includes maximum receiving unit MRU, authentication method, magic
Word options
C. During the Network phase, the PPP link performs NCP negotiation. Select and configure a network layer protocol through NCP negotiation, and conduct network
Network parameter negotiation
D. After the NCP negotiation is successful, the PPP link will remain in communication and enter the Terminate phase.
E. PPP link supports half-duplex and full-duplex modes

Answer: D, E

Question: 487

The administrator configures OSPF on a router. However, if the loopback interface is not configured on the router, the description of the router ID is correct.
().

A. The minimum IP address of the physical interface of the router will become the router ID.
B. The maximum IP address of the physical interface of the router will become the router ID.
C. The IP address of the router management interface will become the router ID.
D. The priority of the router will become the router ID.

Answer: B

Question: 488

A DHCP OFFER packet can carry a DNS address, but can only carry one DNS address.

A. Correct
B. Error

Answer: B

Question: 489

UDP is connectionless and must use () to provide the reliability of the transmission.

A. Internet Protocol
B. Application layer protocol
C. Network layer protocol
D. Transmission Control Protocol

Answer: B

Question: 490

You cannot create VLAN 4095 when creating a VLAN rule on a Huawei switch. You cannot delete VLAN 1.

A. Correct
B. Error

Answer: A

Question: 491

Which of the following forms of DUID can be configured when DHCPv6 is configured in the VRP system? (multiple choice)

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

Answer: A, B

Question: 492

Refer to the configuration results of the following output, the correct one in the RIP description is ().

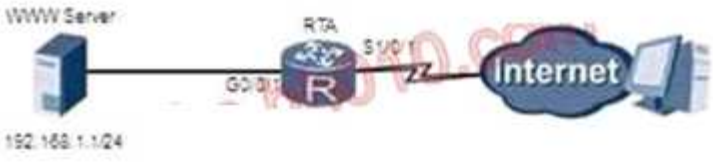
```
<Huawei> display rip
Public VPN-instance
RIP process: 34
RIP version: 1
Preference: 100
Checkzero: Enabled
Default-cost: 1
Summary: Disabled
Host-route: Enabled
Maximum number of balanced paths: 4
Update time: 30 sec
Age time: 180 sec
Garbage-collect time: 120 sec
Graceful restart: Disabled
Silent-interfaces: None
Default-route: Enabled
Default route cost: 2
Verify-source: Enabled
Networks: 34.0.0.0 12.0.0.0
```

A. Automatic summary is on
B. RIP process number is 1
C. The interval for sending RIP route update packets is 30s.
D. The garbage timeout time of the RIP route is 180s.

Answer: C

Question: 493

As shown in the figure, there is a web server in the private network that needs to provide more HTTP services to the public network users, so the network administrator needs to be at the gateway.
Configure NAT on the router RTA to meet the requirements. The correct configuration to meet the requirements in the following configurations is ().



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

Answer: A

Question: 494

There are 50 private IP addresses in a company network. The administrator uses NAT technology to access the public network, and the company has only one public network address.
Which NAT conversion method meets the requirements?

A. Static conversion
B. Dynamic conversion
C. easy-ip
D. NAPT

Answer: C

Question: 495

As shown in the figure, the RTA sends a PADI message to the server A as a PPPOE client. Which of the following transmission methods will the PADI message use?



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

Answer: C

Question: 496

While improving network reliability, STP can also solve loop problems in switched networks.

A. Correct
B. Error

Answer: A

Question: 497

Which command can be used to display the mapping between network address and DLCI on the router?

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

Answer: C

Question: 498

192.168.1.127/25 stands for the () address.

A. Host
B. Network
C. Multicast
D. Broadcasting

Answer: D

Question: 499

The Tracert diagnostic tool records the () of each ICMP TTL timeout message, so that the user can be provided with the message to reach the destination.
IP address.

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

Answer: D

Question: 500

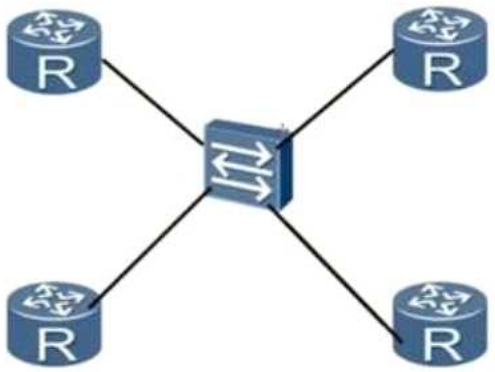
From the perspective of project cutover, there is no need to back up or adjust the configuration file when upgrading the VRP system, because the lost files can be retrieved in the recycle bin.

A. Yes
B. Wrong

Answer: B

Question: 501

As shown in the broadcast network, OSPF runs on four routers and is in the same area and on the same network segment. OSPF
A DR and multiple BDRs will be automatically elected to achieve better backup results.



A. Yes
B. Wrong

Answer: B

Question: 502

The Layer 2 switch belongs to the data link layer device and can identify the MAC address information in the data frame, forward the data according to the MAC address, and
Some MAC addresses and corresponding port information are recorded in their own internal MAC address table.

A. Yes
B. Wrong

Answer: A

Question: 503

When two OSPF routers form a TWO WAY-neighbor relationship, the LSDB has completed synchronization, but the SPF algorithm has not been run.

A. Yes
B. Wrong

Answer: B

Question: 504

SNMP packets are carried over TCP.

A. Yes
B. Wrong

Answer: B

Question: 505

When RIPv1 is enabled on the Huawei router, the interface that is advertised to the RIP receives the RIPv1 broadcast packet, the RIPv2 broadcast packet, and the multicast packet by default.

A. Yes
B. Wrong

Answer: A

Question: 506

<Huawei>system view -
[Huawei]command privilege level 3 view user save -
The correct statement about the above configuration command is ()

A. Modify the save command of a user to have a permission level of 3
B. Modify the permission level of the save command in the user view to 3
C. Modify the user view command to a permission level of 3, and save the configuration
D. Modify the user's permission level to 3, and save the configuration

Answer: B

Question: 507

Which of the following functions does the Ctrl+Z key combination have in the VRP system? (multiple choice)

A. Return from the system view to the user view
B. Exit the current view
C. Exit interface view
D. Exit the Console interface view
E. Return from any view to the user view

Answer: A, B, C, D, E

Question: 508

In standard STP mode, which of the following non-root switches forwards the TC set BPDU generated by the root switch?

A. Root port
B. Backup port
C. Designated port
D. Provisioning port

Answer: C

Question: 509

The following statement about DLCI is correct (). (multiple choice)

A. DLCI only has local significance
B. DLCI is assigned by the DTE side
C. The DLCI range available to the user is 16 1007 -
D. Different physical interfaces can be configured with the same DLCI

Answer: A, D

Question: 510

STP root switch priority range is 0 65536 -

A. Yes
B. Wrong

Answer: B

Question: 511

Network administrators use ping to check network connectivity. Which of the following protocols might be used in the process?
(multiple choice)

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

Answer: A, C

Question: 512

When saving the router's configuration file, which storage medium is usually stored on it?

A. SDRAM
B. NVRAM
C. Flash
D. Boot ROM

Answer: B

Question: 513

When the routers are running in the same OSPF area, the description of their LSDB and routing table is correct ().
(multiple choice)

A. The link state database obtained by all routers is the same
B. The link state database obtained by each router is different.
C. The routing table of each router is different.
D. The routing tables obtained by all routers are the same.

Answer: A, C

Question: 514

If the broadcast address of a network is 172.16.1.255, then its network address may be ()?

A. 172.16.2.0
B. 172.16.1.253
C. 172.16.1.128
D. 172.168.1.1

Answer: C

Question: 515

The following configuration default routing commands are correct ()

A. [Huawei]ip route static 0.0.0.0 0.0.0.0 192.168.1.1 -
B. [Huawei]ip route static 0.0.0.0 255.255.255.255 192.168.1.1 -
C. [Huawei Serial0]ip route static 0.0.0.0 0.0.0.0 0.0.0.0 - -
D. [Huawei]ip route static 0.0.0.0 0.0.0.0 0.0.0.0 -

Answer: A

Question: 516

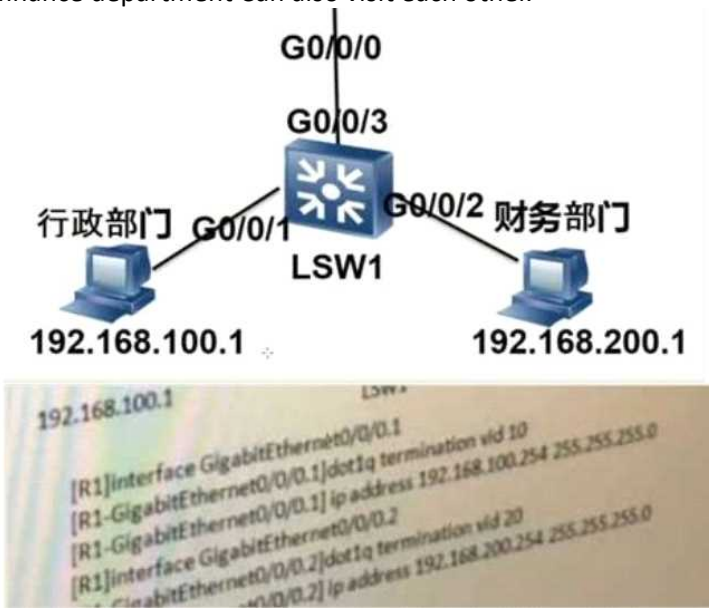
When the packet security mode of IPSec is tunnel mode, the IP address of the intranet host is hidden. The reason for this is to protect the entire original data.
Package security

A. Yes
B. Wrong

Answer: A

Question: 517

Referring to the configuration of the one-arm route in the following figure, it can be judged that even if the ARP proxy is not enabled on the sub-interface of R1, between the administrative department and the finance department Can also visit each other.

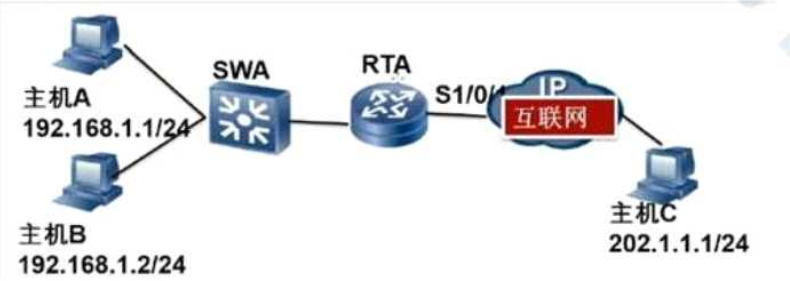


A. Yes
B. Wrong

Answer: B

Question: 518

As shown in the figure, the network administrator needs to configure static NAT on the RTA so that host A in the private network can communicate with the public network host C.
Letter, then the following about the configuration of static NAT, the correct is ()



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

Answer: D

Question: 519

When the data encapsulation mode of IPSec is tunnel mode, the IP address of the intranet host is hidden. The reason for this is to protect the entire original packet.
Safety

A. Yes
B. Wrong

Answer: A

Question: 520

<Huawei>system - view
[Huawei]command - privilege level 3 view user save
The correct statement about the above configuration command is ()

A. Modify the user's permission level to 3, and save the configuration.
B. Modify the user view command to a permission level of 3, and save the configuration.
C. Modify the permission level of the save command used by a user to 3
D. Modify the permission level of the save command in the user view to 3

Answer: D

Question: 521

SNMP packets are carried over TCP.

A. Yes
B. Wrong

Answer: B

Question: 522

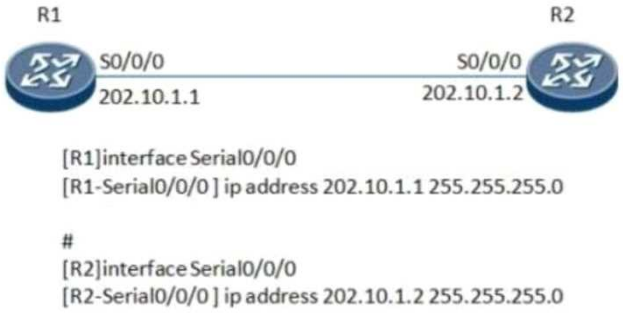
NAT can be implemented in a variety of ways, suitable for different scenarios. For example, dynamic NAT can translate the server address inside the private network into a public IP address.
Provide services to the public network.

A. Yes
B. Wrong

Answer: B

Question: 523

With reference to the following topology and configuration, two routers are connected through a serial cable. If no Layer 2 protocol is specified, PPP is used by default.
Protocol interconnection



A. Yes
B. Wrong

Answer: A

Question: 524

AAA is an abbreviation for Authentication, Authorization, and Accouting.

A. Yes
B. Wrong

Answer: A

Question: 525

The function of InARP is the opposite of that of ARP. The main purpose is to reversely resolve the known target MAC address to the protocol address of the peer device on the Ethernet.
Including IP address and IPX address.

A. Yes
B. Wrong

Answer: B

Question: 526

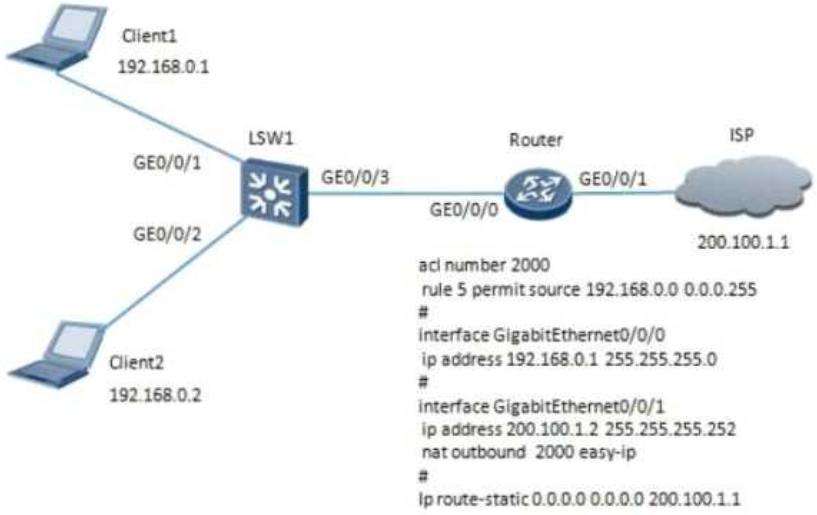
The biggest advantage of NAPT is its flexibility, that is, it can be used as a source address translation, as well as a destination address translation, and can also be used as a protocol port.
Conversion.

A. Yes
B. Wrong

Answer: B

Question: 527

Refer to the following topology and router configuration. The NAT configuration does not specify a NAT global address pool, so address translation cannot be performed correctly.



A. Yes
B. Wrong

Answer: B

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