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Huawei

H12-211 PRACTICE EXAM

**HCNA-HNTD (Huawei Certified Network Associate - Huawei Network
Technology and Device)**

Product Question: 233

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 captured packets is incorrect?

- A. These 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 build 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 cannot 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 communicate 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 conflict 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 privilege 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 administrator has been requested to replace the configuration file of a router in the network. The administrator has been instructed that after logging into the router, he must first permanently erase the current configuration file config.zip from the system. Which command should he use to achieve this?

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

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-software-name>.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. Switch 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 RTA, 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 will 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 data. 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:0000:09E0:839A: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 architecture 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 supporting IPv6, a network administrator wishes implement RIPng. Which of the following commands should be used to enable this protocol?

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

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. NAT

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 RTA, Which configuration should be used?

- A. [RTA-Serial1/0/1]nat server protocol tcp global 202.10.10.1 www inside 192.168.1.1 8080
- B. [RTA-Serial0/0/1]nat server protocol tcp global 192.168.1.1 www inside 202.10.10.1 8080
- C. [RTA-GigabitEthernet0/0/1]nat server protocol tcp global 202.10.10.1 www inside 192.168.1.1 8080
- D. [RTA- GigabitEthernet0/0/1]nat server protocol tcp global 192.168.1.1 www inside 202.10.10.1 8080

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 addresses.
- 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 administrator.
- C. The metric for the route 10.0.1.0 indicates that two hops are needed.
- D. The route has been learned via the OSPF protocol.

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 RTA, 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 RTA, 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 be 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 graphic. An administrator has configured RIPv2 on the two routers, following which he implements the command `silent-interface s0/0/1` on RTA, 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

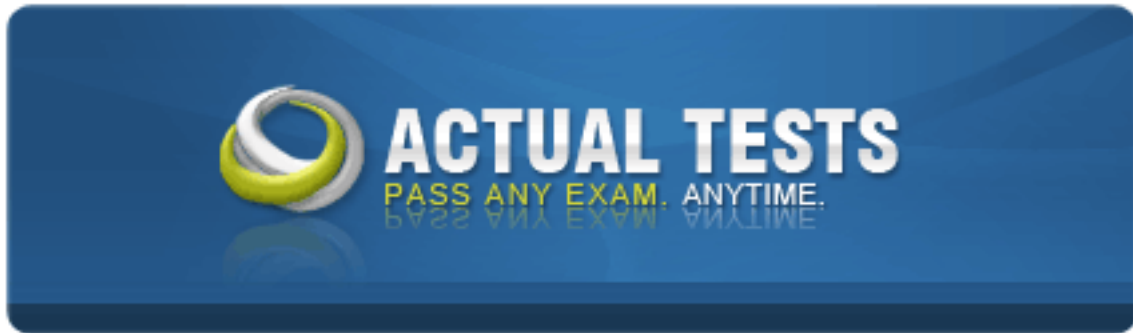
Question: 233

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

Huawei H12-211



**Huawei Certified Network Associate- Huawei
Networking Technology and Device
Version: 6.0**

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 3

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

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

Answer: A,B,C

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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 captured packets is incorrect?

- A. These 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 build the telnet connection.

Answer: B

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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 cannot find a route to the destination.
- D. This is a normal phenomenon.

Answer: B,C

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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 communicate 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 49

If Host B also configured the IP address as "192.168.1.1/24", an IP address conflict 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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 fullduplex mode.
- D. A Fast Ethernet port cannot communicate directly with a Gigabit Ethernet port.

Answer: A

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 60

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

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

Answer: A,D

Explanation:

QUESTION NO: 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 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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 privilege 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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 AR2200router.
- B. The administrator should connect the USB cable between the terminal and the USB port of the AR2200router.
- 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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.** questionmark
- C.** ctrl+b
- D.** ctrl+c

Answer: A,B

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 89

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

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

Answer: B

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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. Switch 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 108

What is the default authentication mode for the default_admin domain?

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

Answer: B

Explanation:

QUESTION NO: 109

How many domains can be configured on a Huawei router?

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

Answer: A

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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 RTA. 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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 will 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 138

Refer to the graphic. In order to improve security, the two hosts use IPsec VPN to transmit data. 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 144

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

- A. unicast

- B. multicast
- C. broadcast
- D. anycast

Answer: C

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 147

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

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

Answer: A

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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. NAT

Answer: C

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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. NAT

Answer: A

Explanation:**QUESTION NO: 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

Explanation:**QUESTION NO: 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 RTA. Which configuration should be used?

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

Answer: A

Explanation:**QUESTION NO: 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

Explanation:

QUESTION NO: 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 addresspool.

Answer: A

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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 addresses.
- 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 170

Which of the following items can be translated by NAT?

- A. MAC address + port number

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

Answer: B

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 175

Which of the following OSPF versions is specific to IPv6?

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

Answer: C

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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 administrator.
- C. The metric for the route 10.0.1.0 indicates that two hops are needed.
- D. The route has been learned via the OSPF protocol.

Answer: A,D

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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 RTA. 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

Explanation:

QUESTION NO: 197

Refer to the graphic. Which statements correctly explain 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

Explanation:

QUESTION NO: 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

Explanation:**QUESTION NO: 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

Explanation:**QUESTION NO: 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

Explanation:**QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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. VRRP 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 217

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

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

Answer: A

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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 be 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 229

Refer to the graphic. An administrator has configured RIPv2 on the two routers, following which he implements the command `silent-interface s0/0/1` on RTA. 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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

Explanation:

QUESTION NO: 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



210. Which of the following description is correct about the ICMP redirection function? (Multiple Choice)

- ☐ A. After the router receives a packet from one interface, but also the data packets sent from the interface, then the router will send ICMP redirect message to the source device. (Right Answers)
- ☐ B. After the router receives a packet from one interface to find the IP address and destination IP addresses of packets on the same network segment of the interface so that the router will send ICMP redirect message to the source device.
- ☐ C. After the router receives a data packet from one interface, but also the packet sent from the interface, the source device will send ICMP redirect messages to the router.
- ☐ D. After the router receives a data packet from one interface to find the source IP address of the packet and the address of the next hop router continues to forward the packet when IP belong to the same network segment, then the router will send ICMP redirect message to the source device. (Right Answers)

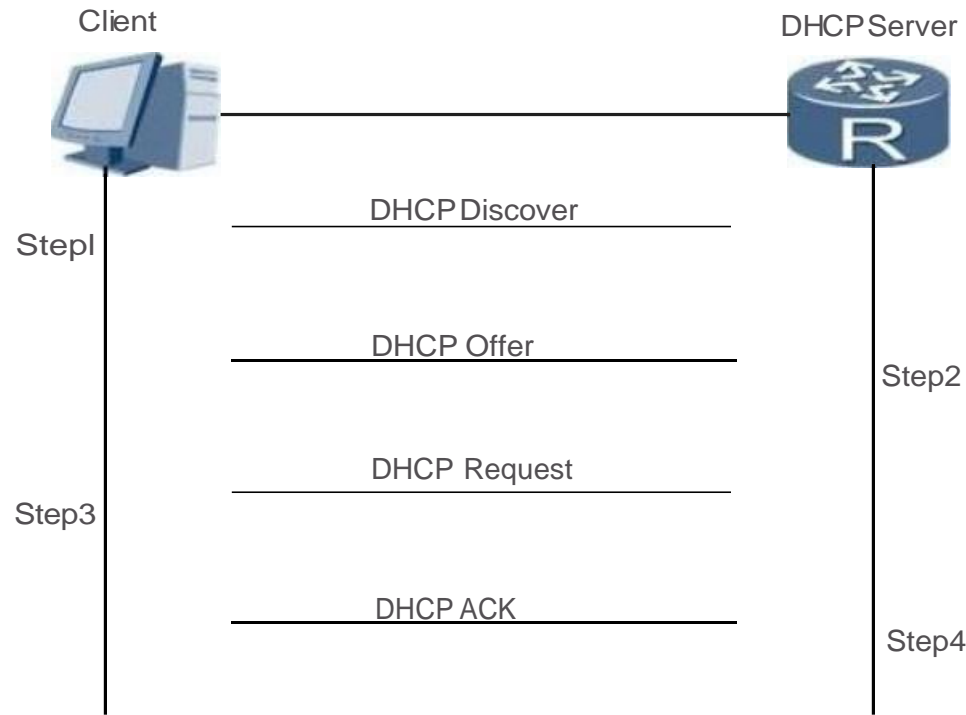
Answer: AD

2. On a router to act as an authentication server configured with two authentication domain "Area 1" and "Area 2", if the user using the correct user name "huawei" and the password "hello" for authentication, then which authentication domain will the user be assigned to ?

- ☐ A. authentication domain "Area 1"
- ☐ B. authentication domain "Area 2"
- ☒ C. authentication domain "default domain" **(Right Answers >**
- ☐ D. authentication domain "default_admin domain"

Answer : C

1. Refer to the following DHCP flow diagram, which of the following statement is correct? () (Multiple choice)



☐ A. The first step is to send multicast packets

☒ B. The second step is to send unicast packets (Right Answers >

☒ C. The third step is to send broadcast packets (Right Answers)

☒ D. The fourth step is to send unicast packets (Right Answers >

☐ E. The fourth step is to send broadcast packets

3. Under the RIP process of Huawei equipment ,declared network 10.1.11/30,which of the following configuration is correct? () (Multiple choice)

☐ A.network 10.1.1.0

☐ B.undo summary network 10.11.0

☒ C. Version 2 summary network 10.0 0.0 (Right Answers)

☐ D.undo summary network 10.10.0

☒ E network 10.0.0 0 (Right Answers)

Answer: CE

4. VRP system login timeout time should be set under the VTY interface.

☒ A True

☐ B False (Right Answers >

Answer: B

5. NAT is through TCP or UDP or IP packets in the protocol number to distinguish the different user's IP address.

☐ A. True

☒ B. False **(Right Answers >**

Answer: B

6. There are two routers **RTA** and **RTB** from the source device to the destination device, use the Tracert command to test the path. When detecting the first jump RTA, the source device sends a large packet to the destination device to send a UDP packet with a TTL of 1, when the packet arrives in RTB, TTL becomes 0, so the RTB responds with an ICMP message to the source device.

- ☒ A. Time Exceeded {Right Answer}>
- ☐ B. Echo Request
- ☐ C. Echo Reply
- ☐ D. Port Unreachable

Answer: A

7 A About the corresponding relation of access control list numbers and types , Which of the following description is true ? ()

☐ A The basic ACL number in the range of 1000-2999

☐ B advanced ACL number in the range of 3000-4000

☒ C Layer 2 ACL number in the range of 4000-4999 (Right Answers>

☐ D interface-based ACL number in the range of 1000-2000

Answer:C

KillTest

8. The following two configuration commands can realize router standby backup to the same destination 10.1.1.0:

[RTA) ip route-static 10.1.1.0 24 12.1.1_1 permanent

[RTA) ip route-static 10.1.1.0 24 13.1.1.1

☐ A.True

☒ B.False (Right Answers)

Answer: B

9. ALC will not filter equipment itself generated traffic which access to other devices;only filter forward traffic,in the forwarding traffic includes traffic which other devices access the device.

☒ A.True (Right Answers)

☐ B.False

10. About the static and dynamic routing,which of the following statement is not correct?

☐ A.Static routing configuration in the enterprise application is simple,easy management

☐ B.After administrator deploying dynamic routing protocols in enterprise networks,the late maintenance and extension can be more convenient.

☒ C After the link failure,static routing can automatically complete the network convergence (Right Answers >

☐ D.Dynamic routing protocol takes up more system resources than the static routing.

Answer: C

11. Refer to the following topology and configuration ,the router R1 and R2 connect via Serial low-speed cable,and the data link layer encapsulation using PPP.When R1 and R2 Holdtime inconsistent,APP negotiation fails , can not communicate.



```
[R1]interface Serial10/0/0
```

```
[R1-Seria 10/0/0 ] ip address 202.10.1.1 255.255.255.0
```

```
[R1-Seria 10/0/0 ] timer hold 2
```

```
#
```

```
[R2]interface Serial10/0/0
```

```
[R2-Seria 10/0/0 ] ip address 202.10.1.2 255.255.255.0
```

DA.True

☒ B.False (Right Answers)

Answer:B

12.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 = 2/16/10

ms

Network administrators use the Ping command on the AR G3 series routers to test the connectivity reaching 10.0.0.2, which of the following description of the output is correct? ()

☒ A network administrators using command is ping -c 2 -s 800 10.0.0.2 (Right Answers)

☐ B.network administrators using command is ping -a 2 -v 800 10.0.0.2

☐ C.destination 10.0.0.2 unreachable

☐ D.network administrator to modify the default TTL value for 255

Answer: A

13. Network administrator configures RIPv2 protocol in a small IPv4 network, which of the following configuration is correct and effective?

☒ A. [RTA-GigabitEthernet0/0/10] ripng 1 enable (Right Answers)

☐ B. [RTA] ripng 1 enable

☐ C. <RTA> ripng 1 enable

☐ D. [RTA-ripng-1] ripng 1 enable

Answer: A

14. In IPv6 network, Which of the following characteristics does OSPFv3 no longer support ?

☐ A. Multi-zoning division

☐ B. Router-ID

☒ C. authentication function **(Right Answers)**

☐ D. to send protocol packets via multicast way

Answer: C

15. On VRP platform, which command is used to set up data link layer encapsulation type to HDLC on the Serial port?

- ☐ A. encapsulation hdlc
- ☒ B. link-protocol hdlc **(Right Answers >**
- ☐ C. hdlc enable
- ☐ D. link-protocol PPP

Answer : B

16. Make an IP address 10.0.0.1 host access to the Internet. which is the necessary technology?

- ☐ A. Static Routing
- ☐ B. Dynamic Routing
- ☐ C. route redistribution
- ☒ D NAT (Right Answers)

Answer: D

KillTest

17. Which of the following versions of SNMP protocol support encryption feature?

☐ A. SNMPv1

☐ B. SNMPv2

☐ C. SNMPv2c

☒ D. SNMPv3 **(Right Answers}**

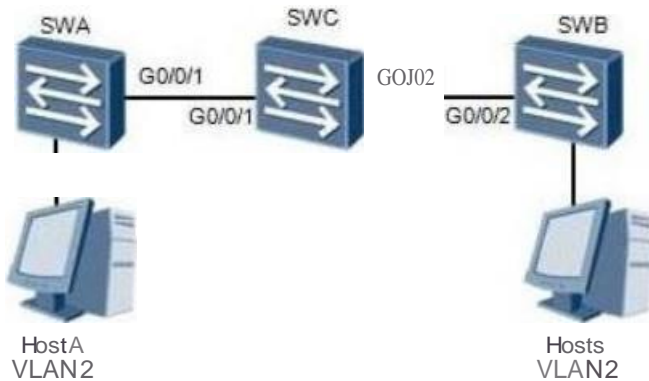
Answer: D

18. In STP, assuming that all switches are configured the same priority, switch 1 MAC address is 00-e04c-00-00-40, switch 2 MAC address is 00-e0-fc-00-00-10, switch 3 MAC address is 00-e0-fc-00-00-20, switch 4 MAC address is 00-e0-fc-00-00-80, the root switch should be ().

- ☐ A. Switch 1
- ☒ B. Switch 2 (Right Answers)
- ☐ C. Switch 3
- ☐ D. Switch 4

Answer: B

19. AS shown, create VLAN2 on the SWA and SWB, configure the port connection to the host as Access Port, and belong to VLAN2. The SWA's G0/0/1 and SWB's G0/0/2 are both Trunk Port, and allow all VLAN. If you want the normal communication between the host, the network administrator needs to ().



KillTest

KillTest

- ☐ A. Creating VLAN2 to the SWC
- ☐ B. Configuring the G0/0/1 of SWC as trunk port and allowing VLAN2
- ☐ C. Configuring the G0/0/1 and G0/0/2 of SWC as trunk ports and allowing VLAN2
- ☒ D. Creating VLAN2 to the SWC, configuring the G0/0/1 and G0/0/2 as trunk ports and allowing VLAN2 **(Right Answers)**

Answer: D

20. When using FTP protocol to upgrade router software, which transmission mode should be used?

☒ A binary mode **(Right Answers)**

☐ B. flow byte model

☐ C. byte pattern

☐ D. text mode

Answer: A

KillTest


```
21.<Huawei> system-View
[Huawei] user-interface console 0
[Huawei-ui-<:onsoleOJ user privilege level 15
[Huawei-ui-<:onsoleO] authentication-mode password
[Huawei-ui-consoleOJ set authentication password cipher huawei2012
[Huawei-ui-consoleO] quit
```

Which of the following statements about the *above* configuration commands is wrong?

- ☐ A administrators want to login and manage equipment through the console port
- ☐ B. after configuration is complete, the administrator cannot implement the equipment management through remote login way
- ☐ C. the users who login the equipment through the console had the highest privilege level
- ☒ D the users login the equipment through the console whose password is "cipher huawe12012". (Right Answers >

Answer : D

22. In order to view the mode of the serial port S0/0/1 on a router work in DTE or DCE, which of the following commands should be used?

☐ A. display controller serial

☐ B. display saved-<:onfig

☒ C. display interface s0/0/1 (Right Answers>

☐ D. display current-

<:onfig Answer : C

23. In the OSI reference model which can complete end to end error detection and flow control is ()

- ☐ A. Physical Layer
- ☐ B. Data link layer
- ☐ C. Network Layer
- ☒ D Transport Layer (Right Answers)

Answer : D

24. When the specified interface running at RIPv2 multicast mode, which of the following statement is correct? () (Select 2 answers)

☒ A receive only RIPv2 multicast messages (Right Answers>

☒ B does not receive RIPv1 broadcast messages (Right Answers >

☐ C.receive RIPv1 broadcast messages

☐ D.RIPv1 receive multicast messages

Answer :AB

26. When using Tracert program to test the path which reach the destination node, by default each TTL value Traceroute be measured () times.

☒ A. 3 (Right Answers)

☐ B. 4

☐ C. 6

☐ D. 8

Answer: A

25. RSTP port in the Discarding state, although the received data frame will be discarded, but can according to the port received data frame to maintain the MAC address table.

☐ A. True

☒ B. False (Right Answers)

Answer: B

27. As shown, by default, the network administrator wants to use the Eth-trunk manual aggregation of two physical links between SWA and SWB, which of the following description is correct ().



- ☐ A. Mer polymerization can work
- ☐ B. can be aggregated, and only after GE ports can send and receive data aggregation
- ☐ C. can be aggregated, and only after aggregation Ethernet port can send and receive data
- ☒ D. can not be aggregated (Right Answers>

Answer : D

28. As shown, the administrator is configured with the following command on the RTA. which of the following description is true? () (Multiple choice)

[RTA-Serial0/0/1] rip output

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



☐ A RTA will still be able to learn RTB advertised routing information (Right Answers)

☐ B. RTB will still be able to learn RTA advertised routing information

☐ C. RTA neighbor information does not include the RTB

☐ D. RTB neighbor information does not include the RTA (Right Answers)

Answer: AD

29.<Huawei>display startup Mainboard

Startup system software:sd1:

/ar2220-v200r003c00spc200cc

Next startup system software:sd1:

/ar2220-v200r003c00spc200cc Backup system software

for next startup: null

Startup saved-configuration file:

null

Next startup saved-configuration file:

Startup license file:null

Next startup license file:null Startup patch package:

null

Next startup patch package: null
files: null

Next startup voice-files: null

Startup voice-

The above is the AR2200 router's display startup information, about this information, which statement is wrong?

☐ A. the running configuration file is not saved

☐ B. in this startup, the system file that the equipment used is ar2220-v200r003c00spc200.cc

☒ C. the system files cannot be modified when the equipment in the next startup **(Right Answers)**

☐ D. the system files can use the named "startup system software<startup-software-name>.cc" to modify during the equipment next star

32 The network administrator in a network to capture a data frame to the destination MAC address is 01-00-5E-A0-B1-C3 Which statement of the Mac address is correct ()

- ☐ A. It is a unicast MAC address
- ☐ B It is a broadcast MAC address
- ☐ C It is a multicast MAC address (Right Answers)

- ☐ D It is an illegal MAC address

Answer: C

31 A switch receives a data frame with a VLAN tag, but found in its MAC address table can't find destination MAC address of the data frame, then the switch to the data frame processing behavior is ().

- ☐ A. switch will broadcast the data frame to all ports

D B switch will broadcast the dataframes to all ports (in addition to receiving port) belonging to the data frame in the VLAN (Right Answers)

- ☐ C switch will broadcast the data frames to all Access ports
- ☐ D switch will discard the data frame

Answer: B

30 The following static routing configuration is correct (). (Choose 3 answers)

- ☐ A ip route-static 129 1 0 0 16 serial 0 (Right Answers)
- ☐ B ip route-static 10 0 0 2 16 129.1 0 0
- ☐ C ip route-static 129 1 0 0 16 1 0 0 0 2 (Right Answers)
- ☐ D ip route-static 129 1 0 0 255.255 0 0 10 0 0 2 (Right Answers)

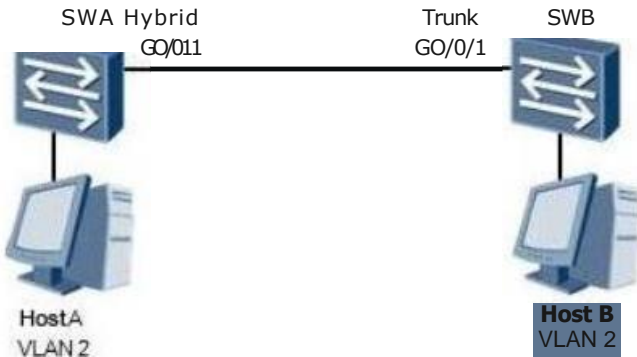
Answer: ACD

33. As shown in the configuration, the administrator configures OSPF in R1, but on R1 learning is less than other routers routing, the possible reason is? (select three answers) [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 router configuration of regional ID is different from its neighbor router ID (Right Answers)
- ☐ B the router without authentication function, but the neighbor router is configured with the authentication function (Right Answers)
- ☐ C. the router configuration. without configure OSPF process
- ☐ D. the router in the OSPF configuration without the network of connected neighbors (Right Answers)

Answer ABD

34. As shown in illustration, the port which SWA and SWB used to connect to host is Access port and PVID is 2. GO/0/1 of SWA is Hybrid port, PVID is 1, and the port is configured Hybrid tagged vlan 2 command. GO/0/1 of SWB is the Trunk port, PVID is 1. and VLAN2 will be allowed to pass.



Which of the following description is correct?

- ☐ A. Host A can send data frame to Host B but cannot receive reply of host B
- ☐ B. Host A cannot send data frame to host B but can receive data frames which host B can actively send
- ☐ C. completely unable to communication between host A and host B
- ☒ D. one of host A and host B can normal communicate **(Right Answers)**

Answer : D

35. As shown, which of the following description is correct about the frame relay network equipment?() (select 2 answers)



I=1 A RTA is a DTE device **(Right Answers)**

- ☐ B. FRA is a DTE device

- ☐ C. FRB is a DCE device **(Right Answers)**
- ☐ D. S1/0/1 interface on the RTA is DCE interface

Answer: AC

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

- ☐ A. 4096
- ☐ B. 8192
- ☐ C. 16384
- ☐ D. 32768 **(Right Answers)**

37. ARP protocol can resolve the destination MAC address based on the destination IP address,so as to realize the mapping of the link layer address and IP address.

☒ A True (Right Answers)

☐ B False

Answer: A

KillTest

38. Access port can only receive and dispatch Untagged frame, when received data frame with Tag will be discarded directly.

☐ A. True

☒ B. False (Right Answers)

Answer : B

KillTest

39. Which of the following state description is wrong about Spanning Tree protocol Forwarding?(

☐ A. Forwarding state port can receive BPDU message

☒ B Forwarding state port does not learn message source MAC address (Right Answers)

☐ C. Forwarding state port can forward data message

☐ D. Forwarding state port can send BPDU message

Answer: B

KillTest

40 .What encryption algorithm is used by CHAP in the PPP protocol?

☐ A. DES

☒ B. MD5 (Right Answers >

☐ C. AES

☐ D. Not Used

Answer : B

41. Which of the following analysis about ICMP packets is true? () (Multiple choice)

☐ A. ICMP packets can record the time, including the original time, receipt time, transmission time (Right Answers)

☐ B. ICMP packets are encapsulated in IP packets, not through transport layer encapsulation (Right Answers)

☐ C. ICMP packets containing ICMP error packets, control packets, request/response packets, refresh packets

☐ D. ICMP protocol does not support redirection function

☐ E. ICMP packets can not be used to detect the path MTU

Answer: AB

42. As shown, it can be judged that 00e0-fc99-9999 is a specific host MAC address which the switch learn from ARP, and the IP address of the host has been replaced three times.

<Huawei> display arp dynamic

IP ADDRESS	MAC ADDRESS	EXPIRE(M)	TYPE	INTERFACE	VPN- INSTANCE	VLAN/CEVLAN PVC
10.137.217.210	00e0-fc01-0203	1-	Ethernet	1/0/0		
10.2.2.1	00e0-fc99-9999	1-	Eth-Trunk	0		
192.168.20.1	00e0-fc99-9999	1-	Vlanif	100		
100.0.1	00e0-fc99-9999	1-	Vlanif	200		
Total:7 Dynamic:2 Static:0 Interface:5						

- ☐ A.True
- ☒ B.False (Right Answers)

Answer: B

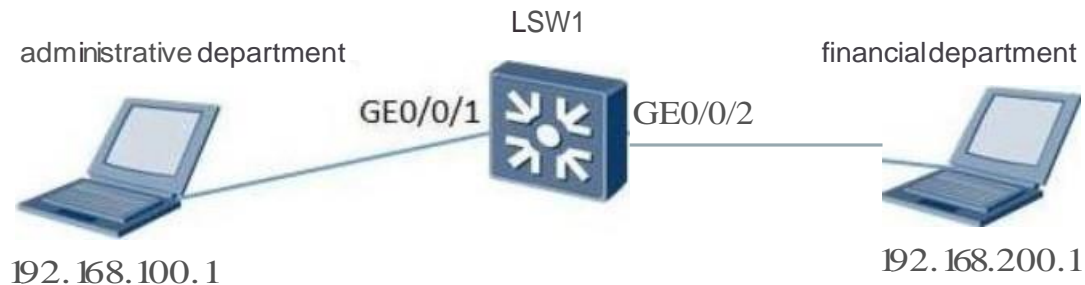
43. NAPT can be converted to what elements?

- ☐ A. MAC address + port number
- ☒ B. 8 IP address + port number (Right Answers>
- ☐ C. Only MAC address
- ☐ D. Only the IP address

Answer : 8

KillTest

44. As shown in figure, switches GE0/0/1 and GE0/0/2 two-port all have different Hybrid configuration, which of the following statement is true ? () (Multiple choice)



```
[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. administrative department and financial department can not exchange visits, because the two departments do not belong to the same VLAN

☐ B. data frame issued by the administrative department in the switch carried Tag is VLAN20

☒ C. data frame issued by the financial department in the switch carried Tag is VLAN20 (Right Answers)

☒ D. switch here can be a layer 2 switch, it also can be a layer 3 switch, because the communication without going through 3 layer gateway (Right Answers)

☐ E. if switches GE0/0/1 and GE0/0/2 two-port are modified to Trunk ports, then the two departments can communicate normally

Answer: CD

45. .About OSPF area,which of the following statements are correct? (Please Choose 2 Answers)

- ☐ A.it must configure the IP address for the Router's loopback interface before configuring OSPF area.
- ☒ B.The numbers run from 0.0.0.0 to 255.255.255.255. (Right Answers)
- ☒ C.The number of backbone area can not be 2 (Right Answers)
- ☐ D.All networks should be declared in the region 0.

Answer: BC

46. Which of the following parameters need to consider when electing root port in STP ? (Multiple choice)

☐ A Cost of the port to reach the root switch (Right Answers)

☐ B port priority (Right Answers)

☐ C port slot number, such as G0/0/1 (Right Answers)

☐ D port MAC address

☐ E port duplex mode

Answer: ABC

47. Which of the following statement about Ethernet port working mode is true ? (Multiple choice)

- ☐ A. kilomega Ethernet can work only in full-duplex mode
- ☐ B. gigabit Ethernet can work only in full-duplex mode
- ☐ C. can work normally when the Ethernet port mode mismatch
- ☒ D. Ethernet port mode can be artificially defined **{Right Answers}**
- ☒ E. 100M Ethernet port working mode supports full and half duplex mode **(Right Answers)**

Answer: DE

48. As shown in the command, when the administrator configures DHCP server, which of the following commands configured time is the shortest?

```
ip pool pool1
```

```
network 10.10.10.0 mask 255.255.255.0
```

```
gateway-list 10.10.10.1
```

☐ A. `dhcp select relay`

☒ B. `lease day 1` **(Right Answers)**

☐ C. `lease 24`

☐ D. `lease 0`

Answer: B

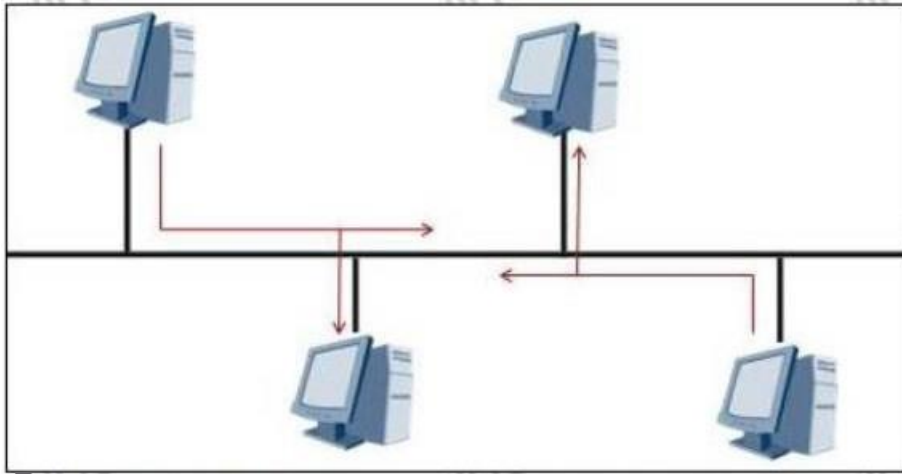
49. .Huawei switch can use command vlan batch to batch create multiple VLN, simplifying the configuration process.

☒ A True **(Right Answers)**

☐ B False

Answer: A

50. As shown in illustration, the administrator hopes to improve the performance of the network, which of the following methods is the most appropriate?



☐ A. use the switches to connect each host, and modify the work pattern of each host to full duplex (Right Answers)

☐ B. use the switches to connect each host, and modify the work pattern of each host to half duplex

☐ C. use the Hub to connect each host, and modify the work pattern of each host to full duplex

☐ D. use the Hub to connect each host, and modify the work pattern of each host to half duplex

Answer : A

51 Which of the following OSFF version applies to 1Pv6?

☐ A OSPFv1

☐ B OSPFv2

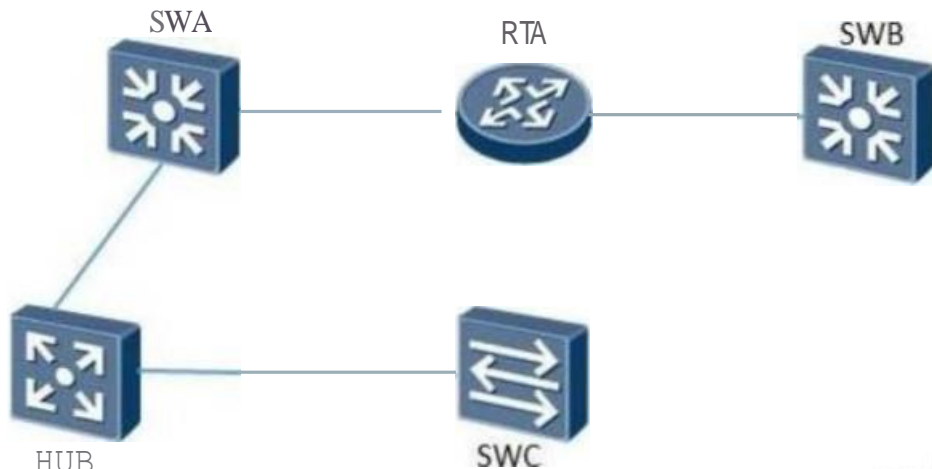
☒ C OSPFv3 (Right Answers)

☐ D OSPFv4

Answer: C

KillTest

52. In the network shown in the figure, which of the following description is correct? () (Choose 2 answers)



- HUB
- ☐ A. Between RTA and the SWC for the same collision domain
 - ☐ B. Between SWA and SWB for the same broadcast domain
 - ☒ C. Between SWA and SWC for the same collision domain (Right Answers>
 - ☒ D. Between SWA and SWC for the same broadcast domain (Right Answers>

Answer: CD

53. When routing in the loop, which of the following problems may cause ? (Multiple choice)

☐ A. packet endless transfer

☒ B. router CPU consumption increases **(Right Answers)**

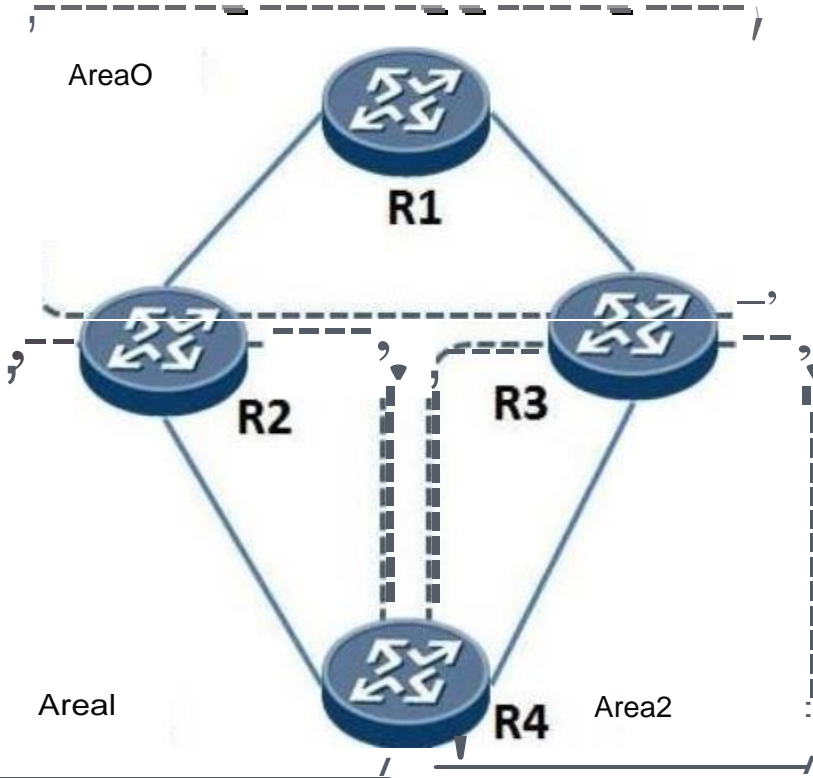
☒ C. router memory consumption increases **(Right Answers)**

☐ D. the packet destination IP address constantly being modified

☐ E. data packets bytes is bigger and bigger

Answer: BC

54. Network structure and OSPF partitions as shown in diagram,except for R1,router R2,RJ and R4 are all ABR router of OSPF.



- DA. True
- D 8 False (RightAnswers)

55. Two routers run on the PPP link, the administrator are configured OSPF single area on the two routers, and they have same Router ID, which of the following description is correct?

- ☐ A. the two routers will establish normal and complete neighbor relationship
- ☒ B. VRP will prompt the Router ID conflict of two Router **(Right Answers>**
- ☐ C. the two routers will establish normal and complete adjacency relationship
- ☐ D. the routers will not send the hello message to each other

Answer: B

56. There are users in company reflected when transfer files via network, the speed is very low. The administrator found some duplicate frames using Wireshark software caught, the following possible causes or solution described is correct ().

A. Switch can not find data frame destination MAC address in the MAC address table, it will flood the data frame.

B. Corporate network switching equipment must be upgraded

C. Network has a loop on the second floor (Right Answers)

D. There is no configuration VLAN in network

Answer: C

57. After you enable the GRE keepalive function, GRE tunnel home terminal will periodically send keepalive packets every 10s to the opposite end.

☐ A. True

☒ B. False (Right Answers)

Answer: B

58. About the configuration and deployment of PPP, which of the following statement is correct?

☐ A. PPP can not be used to issue IP address

☒ B. PPP supports CHAP and PAP authentication modes (Right Answers)

☐ C. PPP can not modify keepalive time C. PPP does not support two-way authentication

Answer : B

59.<Huawei>system-view

[Huawei] user-interface console 0

[Huawei-ui-console0] history-command max-size 20

Which statement is correct about the above configuration?

- ☒ A history-command max-size 20 is to adjust the history command buffer size is 20 (Right Answers)
- ☐ B.The default history command buffer size is 5
- ☐ C.The default history command buffer size is 5 bytes
- ☐ D.After the configuration,the history command buffer can store 20 bytes of command

Answer: A

60. About the command of detecting IP network connectivity, which of the following statement is false? (Multiple choice)

- ☐ A ping 127.0.0.1 this command is used to detect if the host network cable is well plugged in (Right Answers)
- ☐ B ping 127.0.0.2 this command is used to detect if the host network cable is well plugged in (Right Answers)
- ☐ C ping command can be used to detect the host to the local gateway connectivity
- ☐ D ipconfig /release command can be used to detect the host to the local gateway connectivity (Right Answers)

Answer: ABO

KillTest

61. IP packet has a header ID field, on the field statement is correct ().

☐ A. The field length is seven

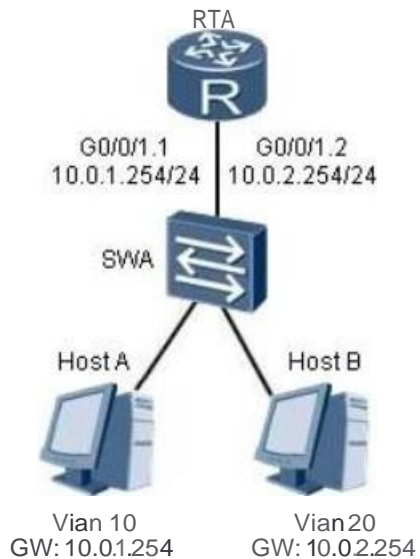
☐ B. The field is used for packet fragmentation

☒ C. The field is used anti-packet ring (Right Answers)

☐ D. The field is used to indicate the priority of the packet

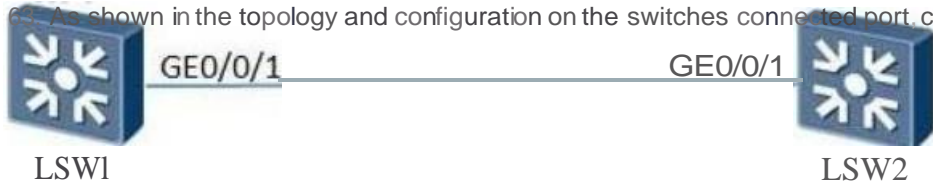
Answer: C

62. As shown, the two hosts realize VLAN's communication by single-arm routing, when RTA G0/0/12 sub-interface receive the data frame that host 8 send to host A, then RTA will perform which of the following operation?



- ☐ A. RTA will forward the data frame through the G0/0/11 sub-interface
- ☐ B. after RTA delete VLAN tag 20, via G0/0/1.1 interface to be sent
- ☒ C. RTA should delete VLAN tag 20 first, and then add a VLAN tag 10, from G0/0/1.1 interface to send out (Right Answers)
- ☐ D. RTA will discard the data frame

63. As shown in the topology and configuration on the switches connected port, can determine the label for the data frames can be forwarded between the two switches .



```
[LSW1]interface GigabitEthernet0/0/1
```

```
[LSW1-GigabitEthernet0/0/1]Port link-type trunk
```

```
[LSW1-GigabitEthernet0/0/1]Port trunk pvid vlan 20
```

```
[LSW1-GigabitEthernet0/0/1]Port trunk allow-pass vlan 10
```

```
#
```

```
[LSW2]interface GigabitEthernet0/0/1
```

```
[LSW2-GigabitEthernet0/0/1]Port link-type trunk
```

```
[LSW2-GigabitEthernet0/0/1]Port trunk pvid vlan 10
```

```
[LSW2-GigabitEthernet0/0/1]Port trunk allow-pass vlan 10
```

☐ A. TRUE

☒ B. FALSE (Right Answers>

54. In the OSPF protocol, about description of the DR, which of the following is correct? (Multiple choice)

- ☒ A By default all routers in the broadcast networks will jointly participate in DR election (Right Answers)
- ☐ B If the priority value of the two routers are different, choose a smaller priority value router as DR
- ☒ C if the priority values of two routers are equal then choose the Router of the big Router ID as DR (Right Answers)
- ☒ D DR need to establish adjacency relationship between DR and BDR (Right Answers)

Answer : ACD

65. The administrator can not log in through Telnet AR2200 routers, but other administrators can log in, so which of the following items are possible reasons? (Multiple choice)

☒ A The administrator user account has been disabled (Right Answers)

☐ B The privilege level administrator user account has been changed to 0

☒ C The Administrator user account has been deleted (Right Answers)

☐ D AR2200 Router Telnet service has been disabled

Answer: AC

KillTest

66. Which of the following description of GVRP is correct?

- ☐ A. GVRP enables network devices to dynamically discover and delete
- ☐ B. GVRP is a protocol must be turned on the switch, otherwise it can not communicate between switches
- ☒ C. GVRP is based on GARP working mechanism, and the apparatus used to maintain dynamic VLAN registration information and propagates the information to other devices (Right Answers)

67. Which of the following several subnet route may converge Routing entry 10.0.0.24/29? (Multiple choice)

- ☒ A. 10.0.0.24/30 (Right Answers)
- ☐ B. 10.0.0.23/30
- ☐ C. 10.0.0.26/30
- ☒ D. 10.0.0.28/30 (Right Answers)

Answer: AD

68. Which of the following several subnet route may converge Routing entry 10.0.0.24/29? (Multiple choice)

☒ A. 10.0.0.24/30 (Right Answers)

☐ B. 10.0.0.23/30

☐ C. 10.0.0.26/30

☒ D. 10.0.0.28/30 (Right Answers)

Answer: AD

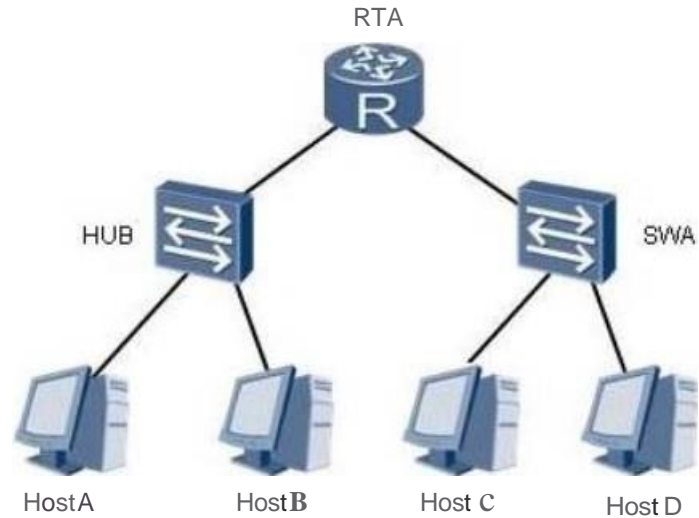
69. Network administrator creates VLAN 10 on 3 layer switches, and in the VLAN virtual interface configuration the IP address.

When using the command "display ip interface brief" view interface status, find VLANIF 10 interfaces are down, how to make the kind of operation by 10 VLANIF interface returns to normal ?

☐ A. Use the command in the VLANIF 10 interface "undo shutdown" B. Add any physical interface into VLAN 10 C. Adding a static route must carry VLAN 10 interface for physical UP D. adding a static route must be UP and must Trunk types of interfaces into VLAN 10

Answer: C

70. As shown in illustration, which of the following description about the network topology is correct? j£



- ☐ A. The network has 6 collision domains
- ☒ B. The network has 2 broadcast domains (Right Answers)
- ☐ C. The network has 12 collision domains
- ☐ D. The network has 6 broadcast domains

71. On this multi-point Ethernet access network, PPPoE server can via an Ethernet port and a lot of PPPoE client to establish a PPP connection, the server must create a unique session identifier to distinguish different connection for each PPP session.

What parameters will be used to establish PPPoE 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

72. In AR router created on certification plan, authorization scheme, accounting scheme, HWTACACS or RADIUS server template to the domain only after the application to take effect.

☒ A TRUE **(Right Answers>**

☐ B.FALSE

Answer: T

72. In the data packet which is shown in illustration, which of the following fields will be encrypted ESP protocol of IPsec VPN?

- 
- ☒ A TCP Header & Data & ESP Trailer (Right Answers)
- ☐ 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

73. A company network administrator wants to remotely manage branch network equipment, which agreement will be used in the following?

- ☐ A. CIDR
- ☐ B. RSTP
- ☒ C. Telnet (Right Answers)
- ☐ D. VLSM

Answer: C

KillTest

74. Trunk ports can both send the data frame with labels and the data frame without labels.

☒ A. TRUE (Right Answers)

☐ B. FALSE

Answer: T

KillTest

75. Huawei device ports support auto-negotiation technology, which of the following about the negotiation result is correct?

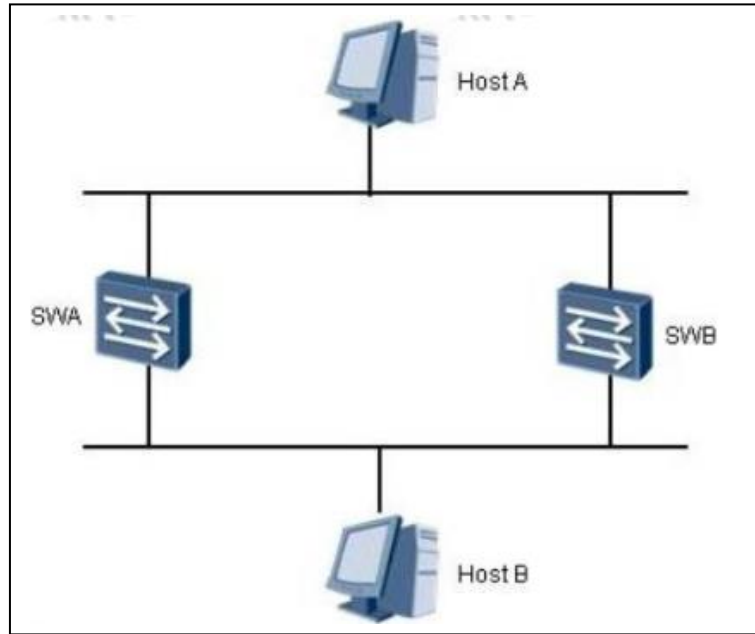
- ☐ A. Gigabit electrical consultations under certain port full-duplex
- ☐ B. 100M electrical under negotiation result must be a half-duplex port
- ☒ C. negotiation process is relegated consultations that 1000M-> 100M-> 10M (Right Answers)
- ☐ D. When the duplex mode is inconsistent, can be solved by replacing the network cable

Answer:C

KillTest

76.

As shown the two switches are disabled STP protocol Host A sent an ARP Request the following discription is correct? (Multiple choice)



- ☐ A.the two switches can realize load balance
- ☒ B.the two switches' CPU usage will be high (Right Answers)
- ☒ C.the two switches' MAC address table will frequenUy jitter (Right Answers)
- ☒ D.this network will appear repeated frames (Right Answers)

77 .PPP is more secure than HOLC ,because PPP support ().(Multiple choice)

- ☒ A .PAP (Right Answers >
- ☐ B .MD5
- ☒ C .CHAP (Right Answers >
- ☐ D .SSH

Answer: AC

78. Which of the following statement is not correct? (Multiple choice)

- ☐ A. Each static route priority may not be the same
- ☐ B. By default route priority order is higher than RJP OSPF
- ☒ C. If the cost of the routes is larger, the higher the priority of the route (Right Answers)
- ☒ D. VRP, the routing protocol, greater the priority value indicates a higher priority of the route (Right Answers)

Answer: CD

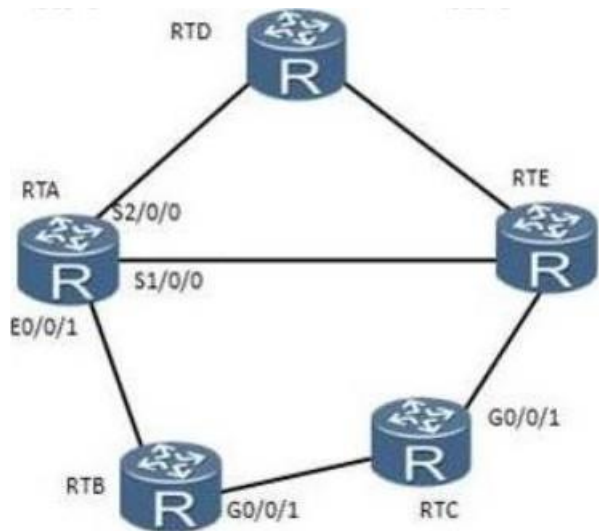
79. When using dynamic NAT address pool, address pool can be reused, the same IP network simultaneously mapped to multiple IP.

☐ A.TRUE

☒ B.FALSE (Right Answers>

Answer:F

80. As Network topology shown in the network all link cost value as the default value,when RTA forwarding packets to RTE,which of the description about routing is right? (Multiple choice)



☐ A If your network routers are running OSPF, the RTA will use S1 I 0 I 0 interface to forward data to RTE

☒ B.f your network routers are running RIPv2,the RTA will use S1 I 0 I 0 interface to forward data to RTE (Right Answers)

☒ C.f your network routers are running OSPF, the RTA will use E0 / 0 I 1 interface to forward data to RTE (Right Answers)

☐ D.f your network routers are running RIPv2, the RTA will use S2 I 0 I 0 interface to forward data to RTE

81. When deploying an ACL on Huawei equipment, which of the following description is correct? (Multiple choice)

- ☐ A. When you call ACL at the interface, it can only be applied to outbound
- ☒ B. Same ACL can be called at a plurality of interfaces (Right Answers)
- ☐ C. ACL defined rules, only progressive in this order 10, 20, 30
- ☐ D. ACL can not be used to filter OSPF traffic flow because OSPF does not use UDP protocol encapsulation
- ☒ E. ACL can match packets TCP / UDP port number, and you can specify a range of port numbers (Right Answers)

Answer: BE

82. When the router is powered on,reading configuration files from the default storage path for the router's initialization.If the default storage path without configuration file,what will be used to initialize by the router?

☐ A.New Configuration

☐ B.initial configuration

☒ C default parameters **(Right Answers)**

☐ D.Current Configuration

Answer: C

83. About the free ARP, which statement is true? (Multiple choice)

- ☒ A. by sending free ARP can confirm whether there is IP address conflict (Right Answers)
- ☒ B. free ARP message format belongs to the ARP request message (Right Answers)
- ☐ C. free ARP can help to update the IP address information
- ☐ D. free ARP message format belongs to the ARP Reply message

Answer: AB

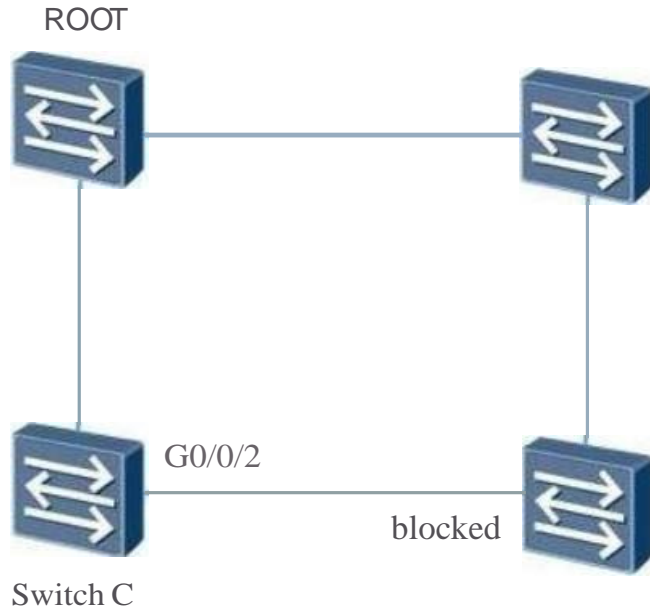
84. The Router-ID of OSPFv2 can be automatically generated by the system.

☐ A. TRUE

☒ B. FALSE (**Right Answers**>

Answer: F

85. As shown in illustration, the four switches are all running STP, various parameters all use default values.



If switch C G0/0/2 port is blocked, which cannot be sent via the port configuration bpdus, how long will the network port enter to the forwarding state?

A. about 30 seconds

B. about 50 seconds (Right Answers)

C. about 15 seconds

D. about 3 seconds

86. Which of the following description about OSPF Router ID is not correct? (Multiple choice)

- ☒ A Router ID must be the same in the same area in different regions or different Router ID (Right Answers)
- ☒ B Router ID must be an interface IP address of the router (Right Answers)
- ☐ C Router ID must be specified by manual configuration (Right Answers)
- ☐ D Prerequisites OSPF protocol is running the router Router ID

Answer: ABC

87. Caught an Ethernet frame through caught tools, found that the value of Type/Length field of the frame is 0x0800, which of the following description about the frame is correct? (Multiple choice)

- ☒ A the frame structure of the frame is Ethernet II format (Right Answers)

☐ B.the frame structure of the frame is 802.3 format

☒ C.the bearing of the frame is an IP message (Right Answers)

☐ D.the bearing of the frame is an IPX message

Answer: AC

88. Network management hopes to effectively use the IP address of 192.168.176.0/25 segment. The company Marketing Department now has 20 hosts. Which of the following addresses are assigned 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 (Right Answers)

Answer: D

89. Tracert in Huawei router diagnostic tool use UDP encapsulation tracking data.

☒ A.TRUE (Right Answers)

☐ B.FALSE

Answer: T

90. What's effect of Command port trunk allow-pass vlan?

☒ A That port allows all VLAN data frames go through (Right Answers)

☐ B.the peer port connected to that port must configure port trunk permitt vlan all at the same time

☐ C.the connected peer port can dynamically decide which VLAN ID to go through

☐ D.if you configure the connected remote equipment with port default vlan 3 commands ,then the two devices' VLAN 3 can not intercommunicate

Answer: A

91. The main function of InAR is to solve each virtual circuit connection of the addresses of the agreement for the equipment,including IP address and the IPX address ,etc.

☐ A TRUE **(Right**Answers>

☐ B.FALSE

Answer:T

92. In the transport layer of the OSI reference model, which of the following flow control can be used? (Multiple choice)

- ☐ A. Confirm technology
- ☐ B. caching technology (Right Answers >
- ☐ C. source quench packets (Right Answers >
- ☐ D. window mechanism (Right Answers >

Answer:BCD

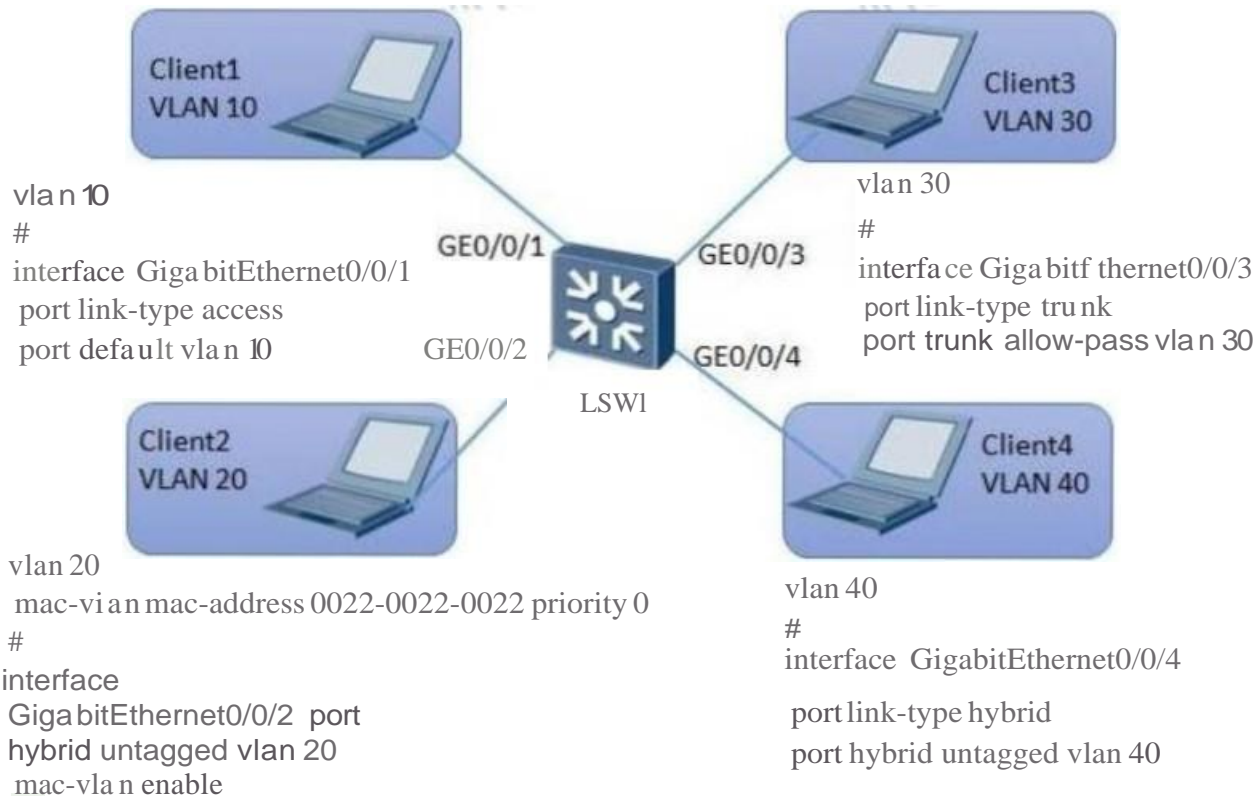
93. When a router forwarding a packet if no match to the corresponding specific routes and when there is no default route will discard the packet directly.

☒ A. TRUE **(Right Answers)**

☐ B. FALSE

Answer: T

94. Which statement as shown about the VLAN configuration of Huawei is correct? (Multiple choice)



- ☒ A Client1 belong to VLAN 10, and the command of the division of VLAN switches correct (Right Answers)
- ☒ B Client2 belong to VLAN 20, and the command of switch MAC address of VLAN-based correct (Right Answers >
- ☐ C Client3 belong to VLAN 30, and the command of the division of VLAN switches correct
- ☐ D Client4 belong to VLAN 40, and the command of the division of VLAN switches correct

D E Client4 not belong to VLAN40 and the command of the division of VLAN on the switch command error (Right Answers >

95.[Huawe user-interface vty 0 14

[Huawei-ui-vty0-14) acI 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 user privilege level is set to level 3, which is the highest level that can be set.

QA.TRUE

OB FALSE (Right Answers>

Answer: F

96.[RTA] acl 2001

[RTA-acl-basic-2001] rule 20 permit source 20.1.1.0 0.0.255

[RTA-acl-basic-2001] rule 10 deny source 20.1.1.0 0.0.255

Completed as shown on the router RTA ACL configuration, the following description is correct (). [RTA]acl2001

☐ A. VRP system will automatically configure the order in order to adjust the first rule number 5

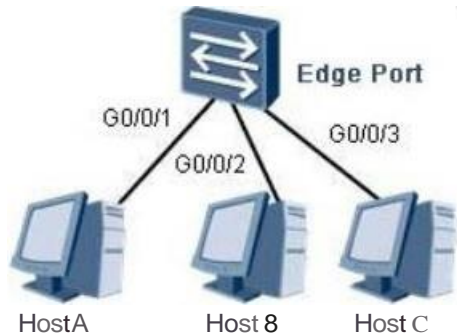
☐ B. VRP system does not adjust the order number, but will be configured to match the first rule permit source 20.1.1.0 0.0.0.255

☐ C. configuration errors, sequentially numbered rules must be small to large configurations

☒ D. VRP system will sequentially numbered to match the second rule deny source 20.1.1.0 0.0.0.255 (**Right Answers**) Answer: D

97. As shown, Switch SWA is running RSTP, after administrator configuring the GE 0/3 of SWA as Edge Port, use a switch instead of the host C, so the correct statement of flowing is().

SWA



- ☐ A. G0/0/3 Port of SWA will be closed after receiving the switches send BPDU.
- ☐ B. G0/0/3 Port of SWA will discard the received BPDU, then normal forwarding data.
- ☒ C. After G0/0/3 Port of SWA receiving BPDU, RSTP operation will be carried out. (Right Answers)
- ☐ D. All hosts, only the host A can normal send and receive data.

Answer : C

98. Which of the following content is not included in the routing table?

- ☒ A the source address (Right Answers>
- ☐ B next hop
- ☐ C the target network
- ☐ D the routing cost

Answer : A

99. In a private network, there is a host that wants to visit the Internet, to achieve this requirement, the administrator should do the following on the network edge router configuration? (Multiple choice)

☐ A. NAT Easy IP (Right Answers >

☐ B. DHCP

☐ C. STP

☒ D. Default router (Right Answers)

Answer: AD

100. Which statement of Inter-VLAN communication is correct? (Multiple choice)

- ☒ A VLAN between the communications can be achieved by single-arm routing (Right Answers)
- ☒ B VLAN between the communications can be achieved through layer 3 switches (Right Answers)
- ☒ C VLAN between the communications can not be achieved through layer 2 switches (Right Answers)
- ☐ D VLAN between the communication can be achieved namely by GVRP
- ☐ E VLAN between the communications must rely on routers to achieve

Answer: ABC

101. IPv6 address do not include which of the following types of address?

☐ A. Unicast Address

☐ B. Multicast Address

☒ C. broadcast address (Right Answers)

☐ D. anycast address

Answer: C

102. Which description about the DD in the OSPF packet and LSA are correct? (Multiple choice)

- ☐ A. DD packet contains information of LSA
- ☒ B. DD includes only the LSA header information in the packet (Right Answers >
- ☒ C. LSA head can be uniquely identifies a LSA (Right Answers >
- ☒ D. LSA head is only a small part of the LSA (Right Answers)

Answer: BCD

103. Huawei AR G3 series routers can update the system files through FTP and TFTP, which of the following description is correct? (Multiple choice)

☒ A. AR G3 series routers can be used as FTP Client (Right Answers>

☒ B. AR G3 series routers can be used as FTP Server (Right Answers >

☒ C. AR G3 series routers can be used as TFTP Client (Right Answers)

☐ D. AR G3 series routers can be used as TFTP Server

Answer: ABC

104. Which of the following description about the PPP is correct? (Multiple choice)

- ☒ A. For the physical layer, PPP supports asynchronous link and synchronous link (Right Answers)
- ☐ B. PPP extensibility is bad, can not be deployed on the Ethernet link
- ☒ C. PPP supports plaintext and ciphertext (Right Answers)
- ☒ D. PPP supports a variety of network layer protocols, such as IPCP, L2CP (Right Answers)
- ☒ E. PPP supports to bundle multiple physical link is to increase the logical link bandwidth (Right Answers)

Answer: ACDE

105. Frame Relay networks , DLCI interface is a virtual circuit identifier; it must remain globally unique in the planning and deployment.

☐ A TRUE

☒ B.FALSE (Right Answers>

Answer: F

106. Which of the following about static routing in huawei equipment priority is wrong?

☒ A static routing priority value 1 in the range of 0-255 (Right Answers)

☐ B static routing priority of the default value is 60

☐ C static routing priority can be divided into internal and external priority, the administrator can change the priority

☐ D static routing priority value of 255 indicates which made unavailable

Answer :A

107. If administrator wants to update VRP of Router AR2200 ,the correct methods are () (Multiple choice)

- ☒ A The administrator configures AR2200 as FTP client , and transfer VRP software through FTP (Right Answers>
- ☒ B The administrator configures AR2200 as FTP server .and transfer VRP software through FTP (Right Answers>
- ☒ C.The administrator configures AR2200 as TFTP server,and transfer VRP software through TFTP
- ☒ D The administrator configures AR2200 as TFTP client and transfer VRP software through TFTP (Right Answers)

Answer :ABO

108. Network administrators in order to constantly changing some office locations thus often classified from different users access the corporate network to switch VLAN 10, which way should be used to divide VLAN?

- ☐ A. Port-based divide VLAN
- ☐ B. protocol based divide VLAN
- ☒ C. MAC address-based divide VLAN (Right Answers)
- ☐ D. Subnet based divide VLAN

Answer: C

109.[RTA] aaa

[RTA-aaa] domain huawei

(RTA-aaa-domain-huawei] authentication-scheme au1

(RTA-aaa-domain-huawei] authentication-scheme au2

Network administrators configure is shown above on Huawei routers RTA. If a user needs to process authentication in the authentication domain "Huawei", which of the following description is correct?

☐ A. use "authentication-scheme au1" authentication

☒ B. use the "authentication-scheme au2" authentication **(Right Answers)**

☐ C. use the "authentication-scheme au1" authentication, if "au1" is deleted, it will use "au2"

☐ D. use the "authentication-scheme au2" authentication, if "au2" is deleted, it will use "au1"

Answer: B

110. View the Age time of RIP routing through the command on the router, what does Age time refer to?

- ☐ A. RIP message update interval
- ☒ B. RIP routing aging time (Right Answers)
- ☐ C. RIP routing suppression time
- ☐ D. RIP routing switching time

Answer: B

111. Alternate Port and Backup port in STP all can not forward user traffic, but can receive, process occurs and sends BPDU.

☐ A. TRUE (Right Answers)

☐ B. FALSE

Answer: T

KillTest

112. Refer to the following configuration, can judge the equipment GigabitEthernet0/0/0 of the IP address of the interface configuration is wrong, because the IP address of the interface can not end in zero.

[Huawei] interface GigabitEthernet0/0/0

[Huawei-GigabitEthernet0/0/0) ip address 19.224.17.0 255 255.128.0

☐ A. TRUE

☒ B FALSE (Right Answers>

Answer: F

113. Which of the following protocols using Frame Relay addresses dynamically mapped to DLCI?

☐ A.ARP Protocol

☐ B.RARP Protocol

☒ C.inARP Protocol (Right Answers)

☐ D.map Protocol

Answer: C

114.<Huawei>reset saved-configuration

Warning:The act on will delete the saved configuration in the device

The configuration will be erased to reconfigure.Continue? [YIN] £⁰

The administrator configured on the AS2200 as above,so which of the following statement about the configuration information is correct?

☒ A If users want to clear the saved configuration file,you should select "Y" (Right Answers)

☐ B.Device startup configuration file will be retained

☐ C.If users want to clear the saved configuration file,you should select "N"

☐ D.Saved configuration file will be replaced with the running configuration file

Answer: A

115. In Huawei devices, what are the methods of OSPF selecting Router ID of the following? (Multiple Choice)

- ☒ A If have configured the Loopback interface choosing the largest IP address from loopback interface as the Router ID (Right Answers)
- ☒ B If do not configure the Loopback interface select the largest IP address from other interface as the Router ID (Right Answers)
- ☒ C Huawei switches may use the largest IP address of VLANIF as the Router ID (Right Answers)
- ☐ D Use 127.0.0.1 by default
- ☒ E Manually define an arbitrary legal Router ID (Right Answers)

Answer: ABCE

116. The following about Trunk port and the Access port, which description is right?

- ☒ A the Access port can only send the untagged frames (Right Answers>
- ☐ B.the Access port can only send the tagged frame ☐ C.the Trunk port can only send the untagged frame ☐ D.Trunk port can only send the tagged frame

Answer:A

117. Huawei equipment in the RIP process, not only can use the command to configure RIP route preference priority value, you can specify the routing policy after this command, to meet the conditions specified routing set priority value.

- ☒ A TRUE (Right Answers>
- ☐ B. FALSE

Answer: T

118. A switch directly connected to the specified port of the opposite end equipment through a port, but the port does not forward any message, but can be monitored network changes by receiving BPDU, so what should be the role of the port?
- ☐ A. Root port
 - ☐ B. Designated port
 - ☒ C. Alternate port (Right Answers)
 - ☐ D. Disable port

Answer: C

119. Which of the following about door of TIL field in the IP packet header is correct?

- ☐ A. **m** defines the number of the source host *can* send packets
- ☐ B. **m** defines the source host can send packets of interval
- ☒ C. **P** limit packet per passes through a router, **m** value is decremented by 1 (Right Answers>
- ☐ D. **P** limit packet per passes through a router, **m** value is incremented by 1

Answer: C

120.VRP supports OSPF multi-process,if you do not specify a process ID when you enable OSPF ,the default number of processes is ().

☐ A.0

☒ B.1 (Right Answers)

☐ C.10

☐ D.100

Answer: B

KillTest

121. Which of the following WLAN standard operating in the 5 GHz frequency band? (Choose 2 Answers)

☒ A. 802.11a **(Right Answers)**

☐ B. 802.11b

☐ C. 802.11g

☒ D. 802.11n **(Right Answers)**

Answer: AD

122 Which of the following is routing protocol? (Multiple Choice)

☒ A IP

☐ B OSPF (Right Answers>

☐ C BGP (Right Answers>

☐ D IPX

Answer: BC

123. In the frame relay network, which description is correct about mapping information in the DTE device? ()

☒ A local DLC with the remote IP address mapping (Right Answers)

☐ B.local IP address with remote DLC mapping

☐ C.local DLC with local IP address mapping

☐ D.remote DLC with the remote IP address mapping

Answer: A

124. Which of the following parameters can not be used for advanced access control lists?

☒ A. Physical Interface (Right Answers)

☐ B. destination port number

☐ C. Protocol No.

☐ D. timerange

Answer: A

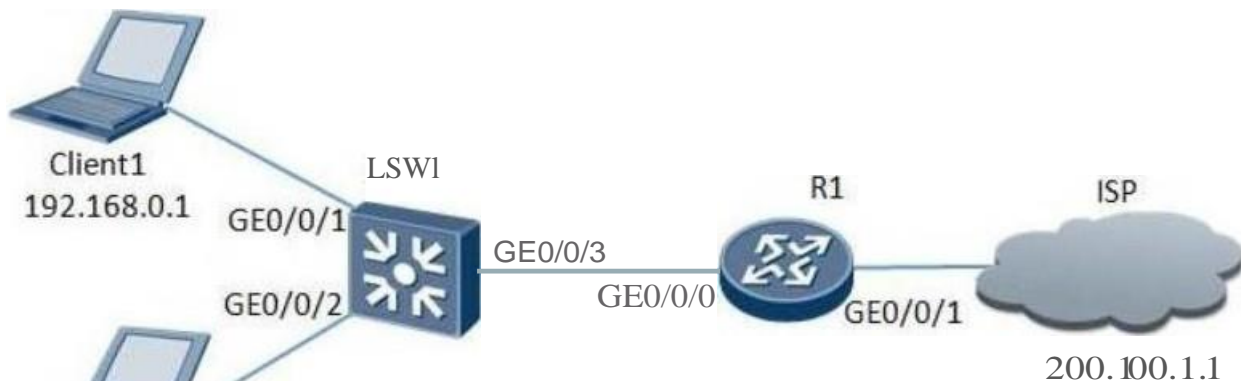
KillTest

125. On Huawei AR G3 router, in VRP, Ping command's -i parameters is used to set ()?

- ☒ A Send Echo Request packet interface (Right Answers >
- ☐ B Send Echo Request packet's source IP address
- ☐ C receive Echo Reply packets interface
- ☐ D receives Echo Reply messages destination IP address

Answer:A

126. As shown, according to the configuration of the router R1, it can be judged that the two PC can access ISP network normally.



```
[R1]acl number 2000
[R1-acl-basic-2000]rule 5 permit source 192.168.0.0 0.0.0.255
#
[R1]interface GigabitEthernet0/0/0
[R1-GigabitEthernet0/0/0]ip address 192.168.0.254 255.255.255.0
/ *
[R1]interface GigabitEthernet0/0/1
[R1-GigabitEthernet0/0/1]ip address 200.100.1.2 255.255.255.252
[R1-GigabitEthernet0/0/1]nat outbound 2000 easy-ip
#
[R1]ip route-static 0.0.0.0 0.0.0.0 200.100.1.1
```

QA.TRUE

☐ B FALSE (Right Answers>

127 [Huawei-GigabitEthernet0/0/1) port link-type trunk

[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

According to the command as shown above, which of the following description is correct? (Multiple choice)

☒ A GigabitEthernet0/0/1 port's PVID is 10 (Right Answers)

☐ B GigabitEthernet0/0/1 port's PVID is 1

☐ C GigabitEthernet0/0/2 port's PVID is 10

☒ D GigabitEthernet0/0/2 port's PVID is 1 (Right Answers)

Answer: AD

128. As shown, if run the command ping 10.1.1.2 on R1, then data frames of VLAN10 which LSW1 receives from LSW2 is labeled.



```
[R1]interface GigabitEthernet0/0/0
```

```
[R1-GigabitEthernet0/0/0]ip address 10.1.1.255.255.255.0
```

```
#
```

```
[LSW1]interface GigabitEthernet0/0/1
```

```
[LSW1-GigabitEthernet0/0/1]port hybrid untagged vlan 1020
```

```
[LSW1-GigabitEthernet0/0/1]port hybrid pvid vlan 10
```

```
[LSW1]interface GigabitEthernet0/0/2
```

```
[LSW1-GigabitEthernet0/0/2]port link-type trunk
```

```
[LSW1-GigabitEthernet0/0/2]port trunk allow-pass vlan 1020
```

```
#
```

```
[LSW2]interface GigabitEthernet0/0/2
```

```
[LSW2-GigabitEthernet0/0/2]port link-type trunk
```

```
[LSW2-GigabitEthernet0/0/2]port trunk allow-pass vlan 1020
```

```
[LSW2]interface vlan 10
```

```
[LSW2-Vlan10]ip address 10.1.1.2 255.255.255.0
```

OA TRUE {Right Answers}

OB.FALSE

129. The command which is used to enable CHAP authentication in PPP is `pppd chap authentication`

☐ A. TRUE

☒ B. FALSE (Right Answers)

Answer: F

130. Ethernet electrical interface can work in three kinds of duplex mode ,which mode can Ethernet optical interface only work in?

☒ A full-duplex **(Right Answers)**

☐ B.half-duplex

☐ C.self-negotiation

☐ D.simplex

Answer:A

131. When a router configures OSPF, which of the followings must be configured manually? (Multiple Choice)

- ☐ A Configure Router ID
- ☒ B Open the OSPF process (Right Answers>
- ☒ C Create an OSPF area (Right Answers>
- ☒ D specify network segments that are contained in each region (Right Answers)

Answer: BCD

132 Which of the following are the characteristics of default VLAN in two-layer Ethernet switch? (Multiple choice)

☒ A. The default VLAN cannot be deleted manually (Right Answers)

☒ B. By default, all switch ports are member ports of the default VLAN (Right Answers)

☐ C. must first create a default VLAN to assign ports for it

☐ D. configured IP address on the switch will only be applied to the member ports of the default VLAN

Answer: AB

133. Between two routers connected via the serial port and the link layer protocol is PPP, which of the following parameters must be negotiated before the PPP link UP? (Multiple choice)

☒ A. MRU (Right Answers)

☐ B. Authentication Password

☒ C. Magic-Number (Right Answers)

☒ D. Authentication Protocol (Right Answers)

Answer: ACD

134. Under Standard STP mode, which port of the following non-root switch will forward TC set BPDU generated by the root switch?

☐ A. root port

☐ B. backup port

☒ C. designated port (Right Answers>

☐ D. Preparatory port

Answer : C

KillTest

135. The following description about layer 2 Ethernet switches, which is not correct?

☐ A. can learn the MAC address

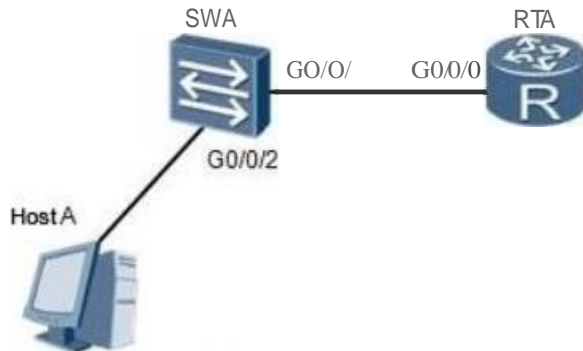
☒ B. needs to do some modifications on the forwarded packet's layer three head, then forward again (Right Answers)

☐ C. to forward according to the Ethernet frame's layer two head information

☐ D. layer 2 Ethernet switches working in data link layer

Answer: B

136. As shown, the host has been through a Telnet and establishes the connection between the router and about the data sent to the router's host by the host, which description is correct? (Multiple Choice)



☒ A The destination MAC address that the host sends the data frame to is the router G0/0/0 interface's MAC address **(Right Answers)**

☐ B The destination MAC address that the host sends the data frame to is the switch's MAC address

☐ C the host sending data segment's destination port number is 80

☒ D The destination IP address that the host sends the data to is the

router G0/0/0 interface's IP address **(Right Answers)** Answer: AD

137. NAT allows multiple private IP addresses through different port mapping to the same public IP address. which of the following about NAT description is correct?

☐ A. must manually configure port number, and the corresponding relation of private address

☐ B. only need to configure the port range

☒ C. don't need to do anything about port configuration (Right Answers)

☐ D. you need to use the ACL assigned port Numbers

Answer: C

138. Which of the following ways VRP support to configure the router through? (Multiple choice)

- ☒ A. Through the Console port to configure the router (Right Answers)
- ☒ B through Telnet to configure the router (Right Answers)
- ☒ C through mini USB port to configure the route (Right Answers }
- ☐ D. through FTP to configure the router

Answer: ABC

KillTest

139. A company to apply for a Class C IP addresses, but to be assigned to six subsidiary companies, one of the largest subsidiaries have 26 computers. Different subsidiary must be in different network segment, the subnet mask should be set to ().

- ☐ A. 255 255 255 0
- ☐ B. 255 255 255.128
- ☐ C. 255 255 255.192
- ☒ D. 255 255 255.224 (Right Answers }

Answer: D

140. Which of the following description about eSight is wrong?

☐ A.eSight can be used monitor and manage enterprise networks

☒ B eSight can only manage huaweis network equipment **(Right Answers)**

☐ C.eSight supports WLAN device management and monitoring of hot spot coverage

☐ D.eSight supports configuration file backup and traffic analysis

Answer: B

141. As shown,RTA with RIB G0/0/1 interface is configured with different network prefix 1Pv6 addresses,network administrators are running OSPFv3 protocol on two routers, and configure with OSPFv3 Router-ID for each Router ,then which following description is correct? (Multiple Choice)



loopback0 : 2031:7:1::1/64
loopback1 : 1.1.1.1/32

loopback0 : 2032:3::1/64
loopback1 : 2.2.2.2/32

- ☒ A. RTA and RTB can establish OSPFv3 neighbor relationship (Right Answers)
- ☐ B. RTA and RTB can not establish OSPFv3 neighbor relationship
- ☐ C. RTA can ping RTB
- ☒ D. RTA cannot ping RTB (Right Answers)

Answer: AD

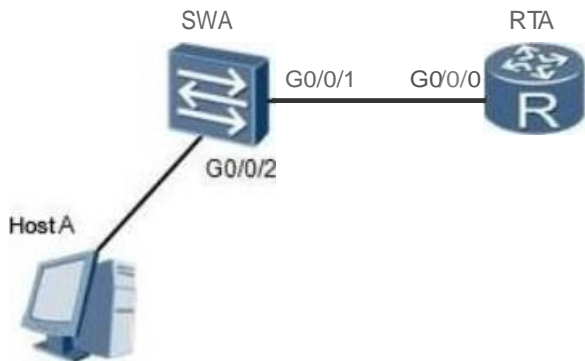
142 VLSM can expand any IP network, including the Class D address.

QA.TRUE

QB.FALSE (**Right** Answers)

Answer: F

143. As shown, the network administrator to configure the router finishes 0 Telnet and found the host can not establish a connection to the router via Telnet.



Which of the following options can help solve this problem? (Multiple Choice)

- ☐ A. Check the host's ARP cache table overflow or not
- ☐ B. Check the switch is configured with a default gateway address
- ☒ C. Use Ping to check the hosts and routers G0/0/0 IP between the interface connectivity (Right Answers)
- ☒ D. Check the router is correct or not configured on Telnet (Right Answers)

Answer: CD

144. Which command can used to switch to user view in the system view?

- ☐ A.system-view
- ☐ B.souter
- ☒ C.quit (Right Answers)
- ☐ D.user-view

Answer:C

145 As shown, about the topology and configuration of OSPF, which of the following statement is correct?



```
f R1]interface Gigabit Ethernet0/0/0
[R1-GigabitEthernet0/0/0]ip address 100.1.1.1 255.255.255.0
[R1-GigabitEthernet0/0/0]ospf network-type p2p
[R1-GigabitEthernet0/0/0]ospf dr-priority 100
[R1-GigabitEthernet0/0/0]ospf timer hello 20
[R1]ospf 1
[R1-ospf-1]area 0.0.0.0
[R1-ospf-1-area-0.0.0.0]network 100.1.1.1 0.0.0.0
/
{R2}interface Gigabit Ethernet0/0/0
f R2-GigabitEthernet0/0/0]ip address 100.1.1.2 255.255.255.0
[R2]ospf 1
[R2-ospf-1]area 0.0.0.0
[R2-ospf-1-area-0.0.0.0]network 100.1.1.2 0.0.0.0
```

☐ A. R1 and R2 can establish stable OSPF neighbor relationship

☐ B. As long as restoring the interface network type of R1 to the default type of broadcasting, R1 and R2 can create a stable neighbor relationship

☒ C. as long as restoring the interface network type of R1 to the default type of broadcasting, while adjusting hello time to 10S. R1 and R2 can create a stable neighbor relationship (Right Answers >

☐ D. R1 compared with R2, R2 have the opportunity to become the DR. because its DR priority value of interface is smaller.

146.[R1) display interface g0/0/0

GigabitEthernet0/0/0 current state:Administratively DOWN Une protocol : DOWN

Which description is correct about above display information?

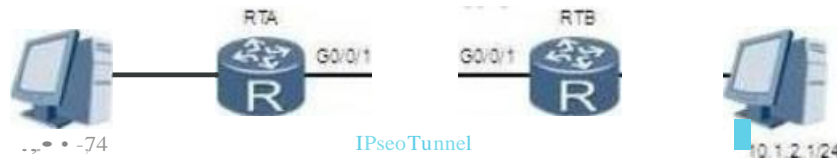
- ☒ A. Gigabit Ethernet 0/0/0 interface connect an error cables
- ☐ B.Gigabit Ethernet 0/0/0 interface did not configure IP address
- ☐ C.Gigabit Ethernet 0/0/0 interface dynamic routing protocol is not enabled
- ☒ D Gigabit Ethernet 0/0/0 interface manually shut down by the administrator **(Right Answers)**

Answer: D

147. Administrators found two routers in the establishment of OSPF neighbors to stay in TWO-WAY state , which of the following description is correct? A. routers configured with the same process ID B. Router configured with the same area ID C. router configuration wrong Router ID D. Both routers are broadcast networks OR Other routers

Answer: D

148. As shown, using IPsec VPN to transfer data between two hosts, in order to hide the real IP address and as high as possible to ensure data, which model and protocol encapsulation of IPsec VPN are better? (Multiple Choice)



☐ A.AH

☐ B.Transfer Mode

☒ C.Tunnel mode (Right Answers>

☐ D.ESP (Right Answers >

Answer: CD

149. Huawei devices can be managed by using the Telnet protocol, about the management functions, which of the following statement is correct?

- ☒ A. Telnet default port number is 22, cannot be modified
- ☒ B. Telnet VTY interfaces must be turned on, and the maximum is 15 (Right Answers)
- ☐ C. Telnet does not support authentication of user name and password
- ☐ D. Telnet does not support the deployment of ACL to increase security

Answer: B

15 On the switch, which VLAN can use the undo command to delete? (Multiple Choice)

☐ A vlan 1

☒ B vlan 2 (Right Answers)

☒ C vlan 1024 (Right Answers)

☒ D vlan 4094 (Right Answers)

Answer : BCD

KillTest

151. At the command `fr map ip 10.1.12 200`, what is the meaning of the number 200?

☐ A. the opposite end logical channel number

☒ B. home terminal DLCI number (Right Answers)

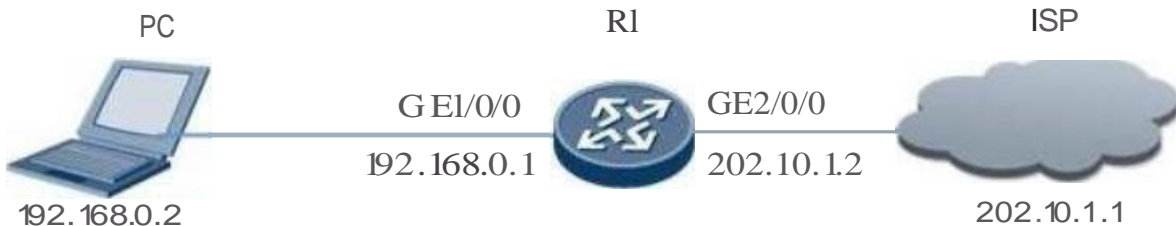
☐ C. the opposite end interface number

☐ D. the opposite end node number

Answer: B

KillTest

152. As shown, deploy static NAT command on router R1, when PC access the Internet, the destination address in data packet will not be changed.



```
[R1]interface GigabitEthernet1/0/0
```

```
[R1-GigabitEthernet1/0/0] ip address 192.168.0.1 255.255.255.0
```

```
#
```

```
[R1]interface GigabitEthernet2/0/0
```

```
[R1-GigabitEthernet2/0/0] ip address 202.10.1.2 255.255.255.0
```

```
[R1]nat static global 202.10.1.3 inside 192.168.0.2 netmask 255.255.255.255
```

```
[R1]ip route-static 0.0.0.0 0.0.0.0 202.10.1.1
```

☐ A.TRUE (Right Answers >

☐ B.FALSE

153. The company has a network AR2200 that does not start properly, an administrator wants to update its VRP, how to achieve?

- ☐ A. Administrators need to use the console cable to connect the router and the host, and then enter the BootROM interface can complete the upgrade
- ☒ B. Administrators need to be configured AR2200 as an FTP client, use FTP to transfer the new VRP (Right Answers)
- ☐ C. Administrators need to configure to obtain an IP address through DHCP when AR2200 starts, and then to get the VRP system files via TFTP
- ☐ D. Administrators need to use Telnet on the local host to remote update equipment of VRP system files equipment

Answer: B

154.[RTA] acl 2002

[RTA-aci-basic-2002] rule deny source 172.16.110.0/24

[RTA-acl-basic-2002] rule deny source 172.16.0.0/24

Use ACL shown above to match routing entry on the router RTA, which of the following entry will be matched? (Multiple choice)

☒ A 172.16.11/32 (Right Answers>

☐ B. 172.16.10/24

☐ C. 192.17.0.0/24

☒ D 172.18.0.0/16 (Right Answers>

Answer: AD

155. Host A get IP address from OHCP server after the restart,then when restart which message will be sent to OHCP Server A?

☐ A.OHCPDISCOVER

☒ B.OHCPREQUEST (Right Answers>

☐ C.OHCP OFFER

☐ D.DHCPACK

Answer: B

156. ACL on AR G3 series routers supports two match orders: configuration order and automatic sorting.

☒ A TRUE (Right Answers)

☐ B.FALSE

Answer: *T*

157. Switch which runs STP sends BPDU. Which of the following statement about BPDU is correct? (Multiple choice)

☒ A A frame which BPDU use is IEEE 8023 standard (Right Answers)

☐ B.frame which BPDU use is Ethernet II standard

☒ C.Control field value of BPDU frame is 3 (Right Answers)

☐ D.D.destination MAC address of BPDU frame is broadcast address

Answer: AC

158. Refer to the output result as shown , it can determine the routing table of the router is composed of direct routes and static routes, and routing priority value of direct routes cannot be modified.

<Huawei>dis ip routing-table

Route Flags: R - relay, D - download to fib

Routing Tables: Public

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.TRUE (Right Answers)

☐ B.FALSE

Answer: T

159. In RSTP standard, the switch directly connected to the terminal not linked to other bridge port, this is defined as ().

- ☐ A Fast port
- ☐ B. backup port
- ☐ C. Root Port
- ☒ D edge port (**Right** Answers>

Answer : O

160. When Access port receives the same data frame of VLAN ID and PVID, peel off the VLAN ID, and then forwarded directly.

QA.TRUE

OB.FALSE (Right Answers>

Answer: F

161. When sending packets access type of port, it will (

- ☐ A. sending packets with Tag's
- ☒ B. stripped VLAN information packets and then sent out (Right Answers>
- ☐ C. add VLAN information packets and then sent out
- ☐ D. marked PVID information in this port, and then sent out

Answer: B

162 Huawei devices can use the command undo summary to prohibit automatic summary of routing protocol RIPv2

QA TRUE **(Right Answers>**

OB.FALSE

Answer:T

KillTest

163. If the network address of network is 10.1.1/30, then what is its broadcast address?

☐ A. 10.1.1.1

☐ B. 10.1.1.2

☒ C. 10.1.1.3 (Right Answers)

☐ D. 10.1.1.4

Answer: C

KillTest

164. On VRP platform, direct routing, static routing, RIP, OSPF default protocol priority from high to low order is ().

☐ A. direct routing, static routing, RIP, OSPF

☒ B. direct routing OSPF static routing RIP (Right Answers>

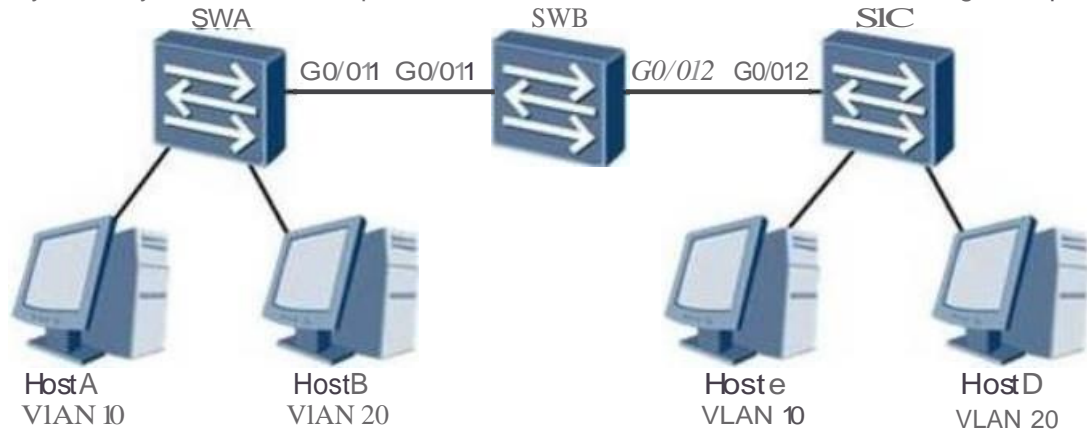
☐ C. direct routing, OSPF RIP static routing

☐ D. direct routing, RIP static routing, OSPF

Answer: B

KillTest

165. As shown, three switches are running GVRP, create VLAN 10 and VLAN 20 on the SWA and SWC, created VLAN 10 on SWB. SWB through GVRP dynamically learn to VLAN 20 from the SWA and SWC. If you modify the SWB G0/0/1 port to GVRP's the fixed mode, which of the following description is correct?



- ☒ A. Host A can continue to communicate with the host C (Right Answers)
- ☐ B. Host 8 can continue to communicate with the host 0
- ☐ C. Host belong to the same VLAN can continue to communicate
- ☐ D. All hosts can not communicate with any other host

Answer: A

166. On a router, MAC address of the G0/0/1 interface is 00E0-FC03-AA73, 1 IPv6 address for this interface is 2001:2E0:FCFFE03:AA73, according to this information, it can determine the interface identifier of this interface is based on ().

☐ A. DHCPv6

☐ B. Auto-link

☐ C. ARP

☒ D. EUI-64 (Right)

Answers) Answer: D

167. In the PPP,when both ends of the communicating parties detected physical link activated,will switch from the link unavailable phase to link established phase.In this phase,it mainly negotiate link parameters through () protocol.

☐ A.IP

☐ B.DHCP

☒ C LCP (Right Answers)

☐ D.NCP

Answer: C

168. About the RIP routing protocol, which of the following description is correct?

- ☐ A. the router cannot send the routing entry of 16 hops to its directly connected neighbors
- ☐ B. the router might receive directly connected neighbors who sent to routing entry of 16 hops, but will be discarded immediately after receiving, and no longer do other processing
- ☒ C. the router might receive directly connected neighbors sent to routing entry of 16 hops, will use it to update their routing table after receiving (Right Answers>
- ☐ D. the router might send the routing entry of 16 hops to its directly connected neighbors; but after directly connected neighbors receives, it will not use it to update its routing table.

Answer: C

169. Which of the following storage media are Huawei routers commonly used storage media? (Multiple Choice)

☐ A SDRAM (Right Answers >

☒ B NVRAM (Right Answers)

☒ C Flash (Right Answers)

☐ D Hard Disk

☒ E SD Card (Right Answers)

Answer: ABCE

170. Two-layer Ethernet switch based on () of the message which port receives generates entries of MAC address table.

☒ A. source MAC address **(Right Answers>**

☐ B. destination MAC address

☐ C. source IP address

☐ D. Destination IP address

Answer :A

KillTest

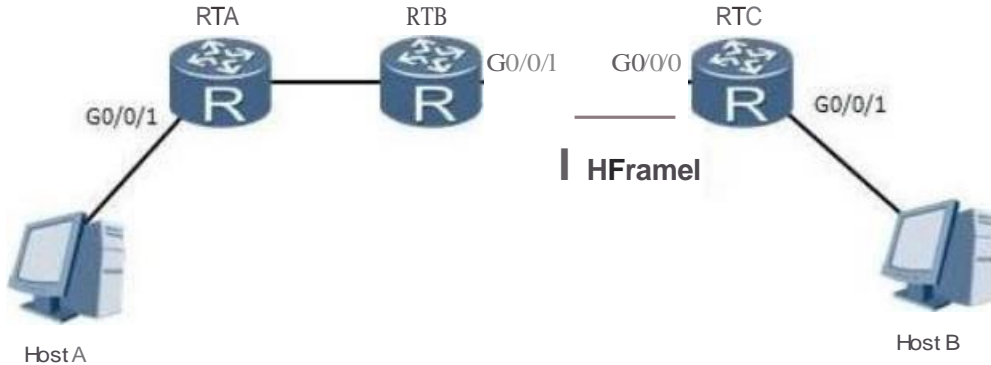
171. In OSPF broadcast network, which router will a DR Other routers exchange link state information with? (Multiple choice)

- ☒ A DR (Right Answers>
- ☒ B BDR (Right Answers>
- ☐ C DR Other
- ☐ D All OSPF neighbors

Answer : AB

KillTest

172. As shown ,Hframe contains IP message which is sent from Host A to Host B,the destination MAC address of the Hframe is ().



Host A

Host B

D A G0/0/1 interface MAC address of RTB

D B.G0/0/1 interface MAC address of the RTC

D C.Host B'sMACaddress

D D.RTCs G0/0/0 interface MAC address **(Right Answers>**

Answer:D

173. Deploy a DHCP server on network, but the administrator found that some hosts did not access to specified address by the DHCP server correctly, what are the possible reasons? (Multiple Choice)

- ☒ A There is another one to make the audience more efficient network DHCP server (Right Answers)
- ☒ B part of the DHCP server host can not communicate properly with these host client system automatically generates an address within the range 169.254.0.0 (Right Answers)
- ☒ C Part of the host unit can not communicate properly with the DHCP server; the abundance of native client system automatically generates a range of addresses in the 127.254.0.0
- ☒ D DHCP server address pool have all been allocated (Right Answers)

Answer: ABO

174. On the VRP platform, what is the role of the command "interface vlan vlan-id"?

☐ A. Creating a VLAN

☒ B. Create or enter VLAN interface view (Right Answers)

☐ C. configure VLAN for one port

☐ D. No such command

Answer: B

175. A windows host initial startup, if you cannot obtain an IP address from a DHCP server, then which of the following IP address may the host use?

☐ A. 0.0.0.0

☐ B. 127.0.0.1

☒ C. 169.254.2.33 (Right Answers)

☐ D. 0.255.255.255

Answer: C

176. Huawei device, administrators can declare a subnet in RIPv2, the reason is RIPv2 supports VLSM.

QA.TRUE

☐ B.FALSE (Right Answers>

Answer: F

177. Administrator want to upgrade configuration files for AR2200 through the USS cable, which of the following description is right? (Multiple Choice)

- ☒ A. Use the mini USE cables to connect the PC and AR2200 miniUSS interface **(Right Answers)**
- ☐ B. use the mini USB cable to connect the PC and AR2200 USS interface
- ☐ C. AR2200 does not support the use of USS to update the configuration file
- ☒ D After connecting the cable, the administrator needs to install drivers for mini USB **(Right Answers)**

Answer: AD

178.

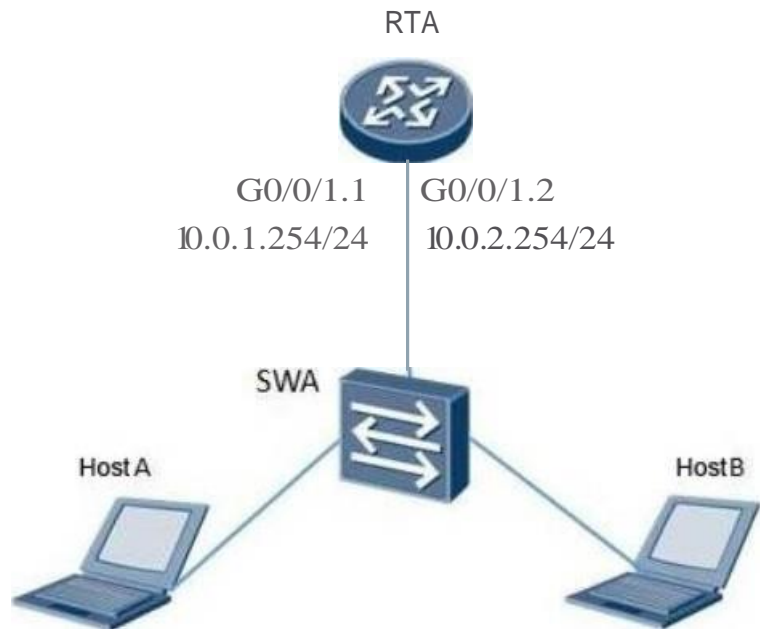
MST ID	Port	Role	STP State	Protection
0	GigabitEthernet0/0/1	DESIGNATED	FORWARDING	NONE
0	GigabitEthernet0/0/2	DESIGNATED	FORWARDING	NONE
0	GigabitEthernet0/0/13	DESIGNATED	FORWARDING	NONE
0	GigabitEthernet0/0/21	DESIGNATED	FORWARDING	NONE
0	GigabitEthernet0/0/22	DESIGNATED	FORWARDING	NONE
0	GigabitEthernet0/0/23	DESIGNATED	FORWARDING	NONE

The above information is the interface status information on a switch running STP displayed. Based on this information, which of the following description is wrong?

- ☐ A. This network may only contain this switch.
- ☐ B. This switch may be the root switch of the network.
- ☒ C. This switch is a non-designated switch connected to the network. (Right Answers >
- ☐ D. The switch may be connected to the six other switches.

Answer : C

179.As shown,the host A and the host 8 hope to achieve inter-VLAN traffic through the router-on-a-stick, which configuration should be done under the G0/0/1.1 interface of the RTA?



Vlan10

Gateway : 10.0.1.254

☐ A.dot1qtermination vid 1

☒ B dot1qtermination vid 10 (Right Answers)

☐ C.dot1q termination vid 20

☐ D.dot1qtermination vid 30

Vlan20

Gateway , 10.0.2.254

180. The following description about IPv6, which is right? (Multiple Choice)

☐ A. IPv6 address length is 32 bits

☒ B. IPv6 address length is 128 bits (Right Answer>

☒ C. when a IPv6 packet have multiple extension head, extended head must appear orderly (Right Answer>

☐ D. when a IPv6 packet have multiple extension head, extended head can appear randomly

Answer : BC

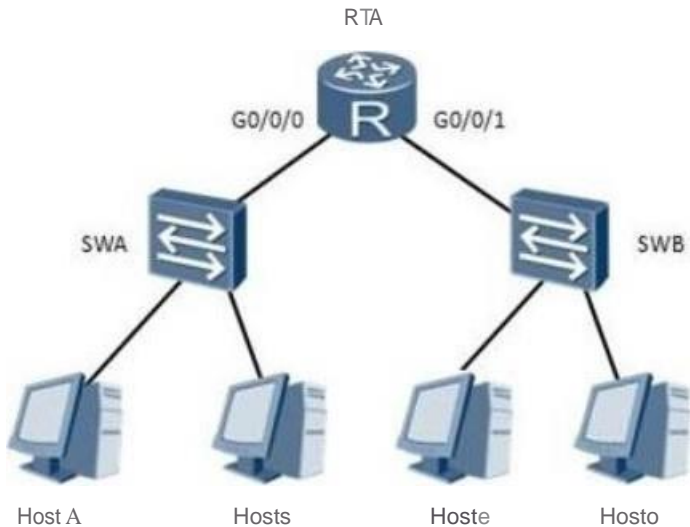
181. When using Telnet way to login the router, which several kinds of authentication can be cheesed? (Multiple Choice)

- ☒ A Password authentication (Right Answers)
- ☒ B AAA local authentication (Right Answers >
- ☐ C MD5 ciphertext authentication
- ☐ D No authentication

Answer: AB

KillTest

182. As shown, PTA's G0/0/0 and G0/0/1 interface are connected to two different network segments, RTA, as these two networks gateways. Before Host A sends data to the host in C, will first send ARP Request to get () MAC address



D A. Host C

D 8. RTAs G0/0/0 interface (Right Answers)

D C. RTAs G0/0/1 interface

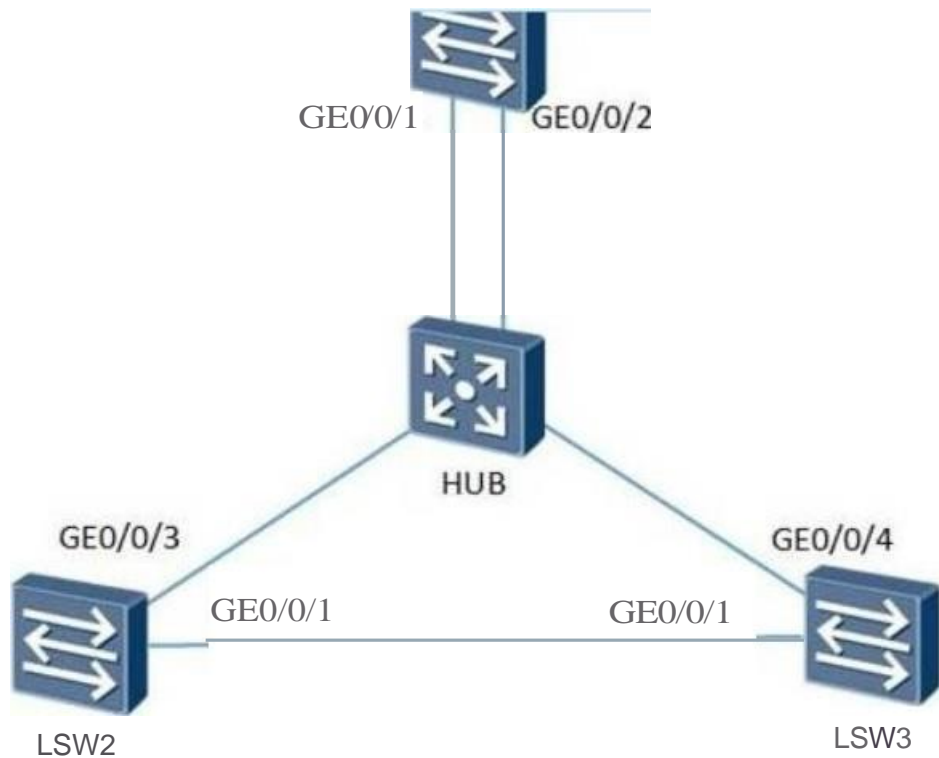
D D. SWA

183. When an image-file in the sender transmit via network using the application software.the TCP/IP encapsulation process pass through is: Data-Data Segment-Data Packet-Data Frame-Data Stream.

☒ A TRUE (Right Answers)

☐ B. FALSE

Answer: T



32768.00ec-fc23-4567

32768.00ec-fc34-5678

As following, the incorrect statement is ().

- ☐ A. After the comparison of the bridge ID, LSW1 is Root Bridge
- ☐ B. G0/0/2 port of LSW1 is in blocked status
- ☐ C. G0/0/1 port of LSW3 is AP port, which is in blocked status
- ☒ D. Both the two ports of LSW1 are the designated port, which are in forward status (Right Answers)

185. Which one of the following does not be included in VRP system login ways?

☐ A. Telnet

☐ B. SSH

☐ C. Web

☒ D. Netstream (RightAnswers)

Answer: D

KillTest

186.<Quidway>display mac-address

MAC Address	VLAN	INSI	Learned-From	Type
5489-98ec-f018	1/-		GE0/0/13	dynamic

Total items displayed = 1

As the Display information shown,when the switch need to forwarded the 5489-98ec-f011 frame of the destination MAC address,the correct description as following is ().

- ☐ A.Switch needs to find the device that the MAC address is 5489-98ec-f011by sending a request
- ☐ B.Switch will send the destination unreachable message to the source device
- ☒ C Switch will flood the frame to all the ports except the port which recieved this frame (Right Answers)
- ☐ D.Swithc does not found

the matched entries in

the MAC address table,

so it will discard the frame

Answer: C

187. Which version of the SNMP protocol eSight support? (Multiple Choice)

188. ☐ A SNMPv1 (Right Answers>

189. ☐ B SNMPv2

190. ☒ C SNMPv2c (Right Answers>

191. ☒ D SNMPv3 (Right Answers> Answer: ACD

192. Which of the following description is correct? () (Multiple Choice)

- ☐ A. the next hop routing tables are redundant, with the interface can guide the packet forwarding
- ☒ B. through different routing protocol obtained routing, its priority is not the same (Right Answers)
- ☐ C. different routing protocol defined by the metrics values comparable
- ☒ D. different routing protocol defined by the metrics values not comparable (Right Answers) Answer: BO

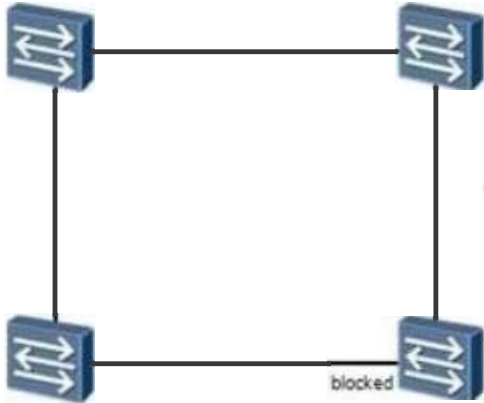
189. When establish IPsec tunnel between two routers, which of the following parameters do not need to ensure consistency between the IPsec peers?

- ☐ A. security protocol which is used
- ☐ B. data encapsulation mode
- ☒ C. Proposal name (Right Answers)
- ☐ D. authentication algorithm

Answer: C

190. As shown, the four switches are running STP, various parameters have default values.

ROOT



When a port of the root switch blocked and cannot send configuration BPOU via the port, how long will blocked ports in the network enter to the forwarding state after?

- ☐ A. about 30 seconds
- ☒ B. about 50 seconds (Right Answers)
- ☐ C. about 15 seconds
- ☐ D. about 3 seconds

191. Configure the router through the Console, which is the correct program configured of a terminal emulation? ().

- ☐ A. 4800bps 8 data bits 1 stop bit odd parity and no flow control
- ☒ B. 9600bps 8 data bits 1 stop bit no parity and no flow control **(Right Answers)**
- ☐ C. 9600bps 8 data bits 1 stop bit, even parity and hardware flow control
- ☐ D. 19200bps 8 data bits 1 stop bit no parity and no flow control

Answer: B

192. Which of the following description about spanning tree designated port is correct?

☐ A. Each switch only has one designated port

☒ B. Specify ports can be forwarded configuration BPDU message to the connected network **(Right Answers)**

☐ C. The port on root switch must not be a specified port

☐ D. The specified port forwarding configuration BPDU package from this switch reach to the root switch

Answer: B

193. In the frame relay network, it has configured a static MAP under one interface, if it continues to configure the fr inarp command, then this interface will send the Inverse ARP require message to the opposite end, cover the static MAP record at the same time.

☐ A. TRUE

☒ B. FALSE (Right Answers>

Answer: F

194. Which of the following command can check whether the OSPF have established neighbor relationship correctly or not?

- ☐ A. display ospf neighbor
- ☐ B. display ospf brief
- ☒ C. display ospf peer (Right Answers>
- ☐ D. display ospf interface

Answer : C

195. Administrators found it impossible to transfer files via TFTP to Huawei AR2200 router, what is the possible reason?

- ☐ A. routers disable the TFTP service
- ☐ B. TFTP server's number TCP69 port is disabled
- ☒ C. TFTP server's number UDP69 port is disabled (Right Answers)
- ☐ D. TFTP server's username and password are modified

Answer: C

196. Which of the following commands can be use-0 to check the session status of PPPoE client?

☐ A.display ip interface brief

☐ B.display current-configuration

☐ C.display pppoe-client session packet

☒ D.display pppoe-client session summary **(Right Answers)** Answer: D

197. AR2200 route via PSPF and RIPv2 learn at the same time to reach the same network's router entry, Cost values of routing learned through OSPF is 4882, Hops routes learned via RIPv2 is 4, the routing table of the router with () .

- ☐ A. RIPv2 Routing
- ☐ B. The routing of OSPF and RIPv2
- ☒ C. OSPF Routing (Right Answers)
- ☐ D. Both do not exist

Answer : C

198. An error occurred when customers access to the FTP server,checked and found the connectivity between the server and the client is no problem,which server port is blocked that may be a problem caused?(Multiple Choice)

☐ A 21 **(Right Answers)**

☐ B 80

☐ C 20 **(Right Answers>**

☐ D 50649

Answer: AC

KillTest

199. Which function of the OSPF hello message as follows? (Multiple Choice)

- ☒ A. the neighbors found (Right Answers)
- ☐ B. release Router ID
- ☒ C. Router Priority and so on parameters information (Right Answers)
- ☐ D. maintain neighbor relations (Right Answers)
- ☐ E. synchronizing router LSDB

Answer : ABC

200. Administrator want to completely delete the old equipment configuration file `confg.zip`, then which of the following command is correct?

- ☐ A. `delete/force config zip`
- ☒ B. `delete/unreserved config zip` (Right Answers)
- ☐ C. `reset config zip`
- ☐ D. `clear config zip`

Answer: 8

201. Under the Huawei AR router's command line interface, the role of the Save command is to save the current system time.

QA. TRUE

OB FALSE (**Right** Answers>

Answer: F

202. When saving the configuration file of the router, it usually will be saved on which of the following storage medium?

- ☐ A. SDRAM
- ☐ B. NVRAM
- ☒ C. Flash (Right Answers >
- ☐ D. Boot ROM

Answer: C

203. Which description is correct about this command?

`ip route-static 10 0 12 0 255 255 255 0 192 168.1.1`

- ☐ A. This command is configured with a route to reach the 192.168.1.1 network
- ☒ B. This command is configured with a route to reach the 10.0.12.0 network (Right Answers)
- ☐ C. The route priority is 100
- ☐ D. If the router to learn the route and the route to the same destination network through other protocols, routers will prefer this route

Answer : B

204. These are the three data packets captured by administrator in the network.

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
-----------	-----------	-----	---

Which of the following statement is not correct?

☐ A. The three data packets represent the TCP three-way handshake process

☒ B. Telnet server's IP address is 10.0.12.1 IP address of the Telnet client is 10.0.12.2 (Right Answers)

☐ C. The three data packets are not included in the application layer data

☐ D. Telnet client is to use to establish a connection with the server port 50190

Answer : B

205. Broadcast address is a special address that all the hosts are set as 1 in the network address, it also can be used as host addresses.

☐ A.TRUE

☒ B.FALSE (Right Answers>

Answer: F

206. The Backup port in RSTP can replace a failed root port.

☐ A. TRUE

☒ B. FALSE (Right Answers >

Answer: F

207. What are the types as following are supported by OSPF protocol? (Multiple Choice)

- ☐ A Point-to-Point (Right Answers)
- ☐ B Broadcast (Right Answers)
- ☐ C Non-Broadcast Multi-Access (Right Answers)
- ☐ D Point-to-Multipoint (Right Answers)

Answer: ABCD

KillTest

208. When using link aggregation technology to interconnect between the two switches, which of the following conditions need to be met by each member port? (Multiple Choice)

- ☒ A. The number of physical ports connected to both ends should be consistent (Right Answers)
- ☒ B. The rate of physical ports connected to both ends should be consistent (Right Answers)
- ☒ C. The duplex mode of physical ports connected to both ends should be consistent (Right Answers)
- ☐ D. The physical number of physical ports connected to both ends should be consistent
- ☐ E. The used optical module type of physical ports connected to both ends should be consistent

Answer: ABC

209. Network management workstation manages network equipment through the SNMP protocol,when the managed devices have an exception occurs,what kind of SNMP message will be received by Network management workstation?

- ☐ A.get-response message
- ☐ B.set-request message
- ☒ C.trap message (Right Answers)
- ☐ D.get-request message

Answer: C

211. Under the VRP interface, using the command delete or unreserved vrpcfg.zip can not delete files, you must empty the Recycle Bin to completely delete the file.

☐ A. TRUE

☒ B. FALSE (Right Answers>

Answer: F

212. About the role and packet encapsulation of APR protocol ,the correct description is ().

- ☐ A.The Inverse ARP in ARP is used to analysis the device name
- ☐ B.t can get the MAC address and UUID address of destination port through ARP protocol
- ☐ C.ARP protocol support the deployment on the PPP link and HDLC link
- ☒ D.ARP protocol is based on Ethernet encapsulation (Right Answers)

Answer: D

213. Topology and configuration are shown as the following, so it can establish an Eth-Trunk logical link between two switches, and the LSW2 as the drive end.



(LSW1)lacp priority 100

lt

(LSW1)interface Eth-Trunk1

(LSW1-Eth-Trunk1)mode lacp-static

(LSW1-Eth-Trunk1)max active-linknum ber 2

lt

[LSW1]interface GigabitEthernet0/0/1

(LSW1-GigabitEthernet0/0/1)eth-trunk 1

(LSW1-GigabitEthernet0/0/1)lacppriority 100

fl

[LSW1]interface GigabitEthernet0/0/2

[LSW1-GigabitEthernet0/0/2)eth-trunk 1

[LSW1-GigabitEthernet0/0/2)lacppriority 100

OA. TRUE

OB. FALSE (Right Answers>

[LSW2)lacp priority 200

lt

[LSW2)interface Eth-Trunk1

(LSW2- Eth-Trunk1)mode lacp-static

(LSW2- Eth-Trunk1]max active-linknumber 2

lt

(LSW2)interface Giga bitEthernet0/0/1

(LSW2- GigabitEthernet0/0/1)eth-trunk 1

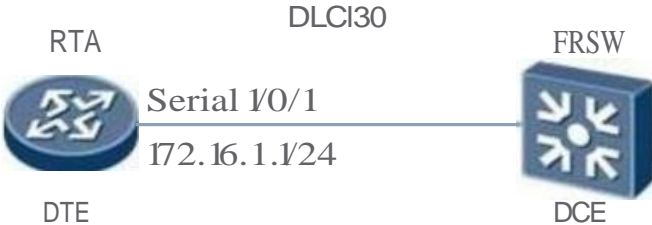
lt

(LSW2)interface Giga bitEthernet0/0/2

[LSW2- Giga bitEthernet0/0/2]eth-trunk 1

Answer:F

214. As shown,RTA is a DTE devices which connect to a frame relay switch,f RTA creates the PVC link using dynamic mapping,then which command as following does not require to configure on the RTA? ((Multiple Choice)



- ☐ 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 (Right Answers >
- ☒ D.[RTA-Serial1/0/1] fr inarp (Right Answers >

Answer: CD

215. If two IPsec VPN peers want to use both AH and ESP to ensure secure communications, so what is the number of SA (Security Association) the two peers need to build?

- ☐ A. 1
- ☐ B. 2
- ☐ C. 3
- ☒ D. 4 (Right Answers)

Answer: D

216.Trunk port can allow multiple VLAN go through,including
VLAN4096. QA.TRUE

QB.FALSE (Right Answers>

Answer:F

217 : Interface Gigabit Ethernet0/01 port link \type trunk

Port trunk allow \pass vlan 2 to 4094

According to the above shown command output, which of the following description is correct? (Multiple Choice)

☐ A. GigabitEthernet0/0/1 is not allowed VLAN1 to go through

☒ B. GigabitEthernet0/0/1 is allowed VLAN1 to go through (Right Answers)

☐ C. If you want GigabitEthernet0/0/1 port to become Access port, need to use the command "undo port trunk allow-pass vlan all" to clear the default configuration firstly

☐ D. If you want GigabitEthernet0/0/1 port to become Access port, need to use the command "undo port trunk allow-pass vlan 2 to 4094" to clear

default configuration firstly (Right Answers) Answer: BO

218.The election of root switch in STP is based on comparing the switch priority,but in RSTP,will both compare the switch priority and MAC address.

☐A.TRUE

☒B.FALSE (**Right** Answers)

Answer:F

```
219.[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 1/0/0
[Router-GigabitEthernet1/0/0] ip address 10.10.10.1 24
[Router-GigabitEthernet1/0/0] dhcp select global
```

Administrators have the configuration on Router as described above. then the host which connected to G1/0/0 interface of this router will get what kinds of IP address through DHCP?

- ☒ A. The IP address of this host got belongs to the 10.10.10.0/24 Network (Right Answers)
- ☐ B. The IP address of this host got belongs to the 10.20.20.0/24 Network
- ☐ C. This host can not obtain IP address
- ☐ D. The IP address of this host got may belong to the 10.10.10.0/24 Network, may also belong to the 10.20.20.0/24 Network

Answer: A

220. As shown, RTA as PPPoE client sends PADI message to server A, Server A replies PADO message



Thereinto, what frame the PADO message is?

☒ A. Unicast (Right Answers>

☐ B. Multicast

☐ C. Broadcast

☐ D. Anycast

Answer: A

221. As shown in illustration, the Serial 1/0/1 interface in RTA uses command "IP address unnumbered interface loopback 0" to configure address to borrow, which the following description is correct? (Multiple Choice)



- ☐ A. the IP address of the RTA interface Serial 1/0/1 is 10.1.1.1/24
- ☒ B. the IP address of the RTA interface Serial 1/0/1 is 101.1.1/32 **(Right Answers)**
- ☐ C. the routing table of RTA exist a 10.1.10/24 routing entry
- ☐ D. the routing table of RTA does not exist a 10.1.10/24 routing entry **(Right Answers >**

Answer: BO

222. About the STP, what is the incorrect description as following? (Multiple Choice)

☒ A There is only one designated switch in a switched network (Right Answers)

☒ B All ports of the root SW1tch are the root ports (Right Answers>

☒ C All ports of the root switch are the designated ports

☒ D The switch W1th the mm1mum switch pnonty value m the switched network will be the non-root switch (Right Answers>

Answer :ABO

223. Through RIP, OSPF and static routing, a router has learned a routing to the same destination address from the three of them. By default, what kind of routing learned from which protocol the VRP eventually will choose?

- ☐ A. RIP
- ☒ B. OSPF (Right Answers >
- ☐ C. Choose all the routing learned from the three protocols
- ☐ D. Static routing

Answer : B

224. .Administrators want to configure a static floating route to achieve the route backup,then the correct implementation method is ().

☒ A Administrator needs to configure different protocol priority values for mainly static routing and alternate static routing **(Right Answers>**

☐ B.Administrator only need to configure two static routes

☐ C.Administrator needs to configure different TAG for mainly static routing and alternate static routing

☐ D.Administrator needs to configure different metrics for mainly static routing and alternate static routing

Answer: A

225. .The full name of VRP is (

). **D** A.Versatile Routine

Platform **D** B.Virtual Routing

Platform **D** C.Virtual Routing
Plane

D **D** Versatile Routing Platform **(Right Answers >**

Answer: D

226. Port cost STP port bandwidth calculation and a certain relationship, that the greater the bandwidth, the () the overhead.

☒ A Small (Right Answers)

☐ B. Large

☐ C. consistent

☐ D. is not sure

Answer: A

KillTest

227. After the network fault occurs, the administrator through the investigation found that a router's configuration is changed, and then what can the administrators do to prevent this situation from happening again? (Multiple Choice)

A administrators should configure all devices (except the account administrator) login privilege level 0 (Right Answers)

B administrators should

configure AAA for

authentication and

authorization of users

logging (Right Answers)

C administrators should

configure the ACL to control

only the administrator can

log device (Right Answers)

D. The administrator should

enable port-security on the
route of administration port

Answer: ABC

228: If the network address of a network is 192.168.10, then its broadcast address must be 192.168.1255.

QA. TRUE

OB FALSE (Right Answers>

Answer: F

228. The following figure shows the routing table of a router,when the router receives a packet which destination IP is 91.1.1,the router will forward according to the 9.10.0/16 route,since the route matching the destination address 9.1.1 has more digits.

<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	I nterface
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	20.0.0.2	Ethernet2/0/0
9.10.0/16	RIP	100	4	D	120.0.0.2	Serial1/0/0
11.0.0.0/8	Static	60	0	D	120.0.0.2	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.TRUE (Right Answers>
- ☐B.FALSE

Answer:T

230. VRP operating system commands divided into access, monitor, configure, and manage grade 4 level
Which level can run a variety of business configuration commands but can not run operations of the file system?

- ☐ A. Access Level
- ☐ B. Monitoring level
- ☒ C Configuration level **(Right Answers >**
- ☐ D. Management

Class Answer : C

KillTest

231. On Huawei devices if authorizing with AM authentication, when the remote server is not responding, it can authorize the device from the network side.

☒ A TRUE (Right Answers>

☐ B. FALSE

Answer: T

KillTest

232. When proceeding the configuration related to AAA. certified on Huawei AR G3 series routers, how many domains can be configured at most?

☒ A.30 **(Right Answers)**

☐ B.31

☐ C.32

☐ D.33

Answer: A

233. A port of the switch is configured as a trunk port ,now intends a host connected to the port to access the network. The following operations are necessary ().

- ☐ A.Delete multiple VLAN on the port in the global view
- ☐ B.Delete multiple VLAN on the port in interface view
- ☐ C.Close the interface ,and then re-enable to restore the default configuration
- ☒ D The interface is configured as an access port **(Right Answers)**

Answer: D

234. .Port aggregation is aggregate multiple ports together to form an aggregation group,in order to achieve each member ports load balancing.Port Aggregation is implemented on ().

☐ A.Physical Layer

☒ B.Data link layer **(Right Answers)**

☐ C.Network Layer

☐ D.Transport Layer

Answer: B

235. .When configuring a AR2220 Router as a PPPoE client,which of the following configuration is not needed?

☐ A. Configure dial rule

☐ B.Configure dial interface

☒ C.Configure IP address on the dial interface (Right Answers)

☐ D.Configure password on the dial interface

Answer: C

236. In the VRP operating system, how to enter the OSPF area 0 view? (Multiple Choice)

- ☐ A. [Huawei] ospf area 0
- ☒ B. [Huawei-ospf-1] area 0 (Right Answers)
- ☒ C. [Huawei-ospf-1] area 0.0 0 0 (Right Answers)
- ☐ D. [Huawei-ospf-1] area 0 enable

Answer: BC

KillTest

237.If using Gigabit optical modules to interconnect two Huawei S5710 switches ,the work pattern of network port is full-duplex mode by default.

☒ A.TRUE **(Right Answers)**

☐ B.FALSE

Answer True

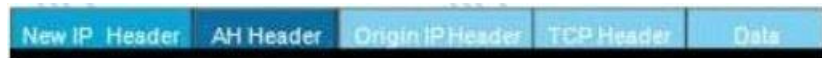
238.The broadcast address of 192.168.1.0/25 subnet is 192.168.1.128.

☐ A.TRUE

☒ B.FALSE **(Right Answers)**

Answer:F

239. Below is data packet encapsulation format in the IPsec VPN, which mode does this type of data packets use IPsec VPN to encapsulate?



☐ A.Common Mode

☐ B.Transfer Mode

☒ C.Tunnel mode (Right Answers>

☐ D.The encapsulation False

Answer : C

240. If in the process of the PPP authentication, the authenticator sends a False username and password to the authenticator. What type of packets will the authenticator send to the authenticated?

☐ A. Authenticate-Ack

☒ B. Authenticate-Nak (Right Answers)

☐ C. Authenticate-Reject

☐ D. Authenticate-Reply

Answer: B

241. Link aggregation is the common technology in the enterprise network.

Which of the following description is the advantage of link aggregation? (Multiple Choice)

☐ A. implement load sharing (Right Answers)

☐ B. increase the bandwidth (Right Answers)

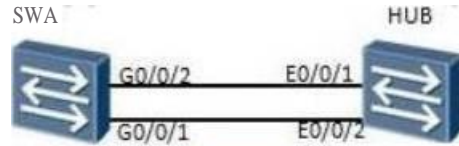
☐ C. improve reliability (Right Answers)

☐ D. improve security

Answer: ABC

KillTest

242. As shown, the switch uses the default parameters to run STP, which of the following ports will be elected to specified port?



- ☒ A. switch A G0/0/1 port (Right Answers)
- ☐ B. switch A G0/0/2 port
- ☐ C. HUB's E0/0/1 port
- ☐ D. HUB's E0/0/2 port

Answer: A

243 .After the adminstrator via Telnet login to the router successfully, and find that it cannot configure the router's interface IP address,what's the possible reason?

☐ A.Telnet terminal software that the administrator uses does not allow the corresponding operation

☐ B.Telnet user's authentication way is wrong

☒ C.Telnet user's level configuration is wrong **(Right Answers)**

☐ D.SNMP parameter configuration is wrong

Answer: C

244. Which of following IPv6 address can be manually configured on the router interface? ☐ A. fe80::13dc::1/64 (Right Answers)

☐ B. ff1108a3c9b/64

☐ C. ::1/128

☐ D. 2001:12e3:1b02:21/64 (Right Answers)

Answer: AD

KillTest

245. .VLSMs role is: on the class's basis of the IP address , divide corresponding bits from the host portion and take it as the network bits. However , when deploying on the router, you need routing protocols support.

☒ A.TRUE (Right Answers)

☐ B.FALSE

Answer: T

KillTest

246. About IPv6 address 2031:0000:720C:0000:0000:09E0:839A:1308, Which of the following abbreviations are correct? (Multiple Choice)

☐ A. 2031:0:720C:0:09E0:839A:1308 (Right Answers >

☐ B. 2031:0:720C:0:0:9E839A:130B

☐ C. 2031::720C::9E0:839A:130B

☒ D. 2031:0:720C::9E0:839A:130B (Right Answers)

Answer: AD

247.<Huawei>

Warning:Aute>-Config is working.Before configuring the device £ stop Auto-Config.f you perform configurations when Auto-Config is running £ the OHCP £ routing £ ONS £ and VTY configurations will be lost. Do you want to stop Auto Config? [y n) £⁰ 108

Administrators find the above equipment pop-up message , about the information, which is correct?

- ☐ A.f you want to enable automatic configuration, the administrator needs to select y
- ☐ B.f you do not enable automatic configuration, the administrator need to select n
- ☒ C.When the device is first started, the automatic configuration feature is enabled **(Right Answers)**
- ☐ D 0. When the device is first started, the automatic configuration feature is disabled

Answer C

248. When using ping command on VRP platform, if you need to specify the IP address as the echo request message's source address, which of the following parameters should be used?

☒ A -a (Right Answers)

☐ B -s

☐ C -cl

☐ D -n

Answer: A

249. Configuring a Frame Relay PVC on the router, finding not valid. What are the possible reasons? (Multiple Choice)

- ☐ A. configure the same DLCI on the same router
- ☒ B. LMI type configuration error (Right Answers >
- ☒ C. the configuration of frame Relay encapsulation type is wrong (Right Answers >
- ☒ D. DLCI configuration is wrong (Right Answers)

Answer: BCD

250. Known that a router's routing table has the following two entries:

Destination/Mask	Protocol	Pre	Cost	Next Hop	Interface
9.0.0/8	OSPF	10	50	1.1.1.1	Serial0
9.1.0/16	RIP	100	5	2.2.2.2	Ethernet0

If the router wants to forward the message whose destination address is 9.1.4.5, then which of the following statements is correct?

- ☐ A. Select the first item as the best match, because OSPF protocol has higher priority
- ☐ B. Select the second item as the best match, because of the small value of the RIP generation
- ☐ C. Select the second item as the best match, because Ethernet0 is faster than Serial0's speed
- ☒ D. Select the second item as the best match, because the route entry for the destination address of 9.1.4.5 is a more accurate match **(Right Answers)**

Answer: D

251. Which of the following contents can be used to filter on Huawei device's advanced ACL? (Multiple choice)

☒ A network traffic based on a specific source address (Right Answers)

☐ B the traffic based on the specific applications, such as QQ

☒ C network traffic based on a specific destination address (Right Answers)

☒ D network traffic based on the specific port numbers (Right Answers)

☐ E network traffic based on a specific user name

Answer: ACD

252. A network segment 150.25.0.0 subnet mask is 255.255.224.0, so which is a valid host address in the network segment. (Multiple Choice)

☐ A. 150.25.0.0

☒ B. 150.25.1.255 (Right Answers)

☒ C. 150.25.2.24 (Right Answers)

☐ D. 150.15.3.30

Answer: BC

KillTest

253. As shown, the running RIP between R1 and R2, R1 can not learn 2.2.2.2/32 or 2.0.0.0/8 route



☒ A TRUE (Right Answers)

☐ B FALSE

Answer: T

254. About the description of PPP link establishment procedure, which of the following statement is wrong? (Multiple choice)

- ☒ A. Dead phase is also called the physical layer unavailable stage. When both ends of the communication line is detected physical link activation, it will move from stage to Establish Dead phase, also means the link establishment phase
- ☒ B. In the Establish phase, PPP link carries out the LCP parameter negotiation. The negotiation involves the Maximum Receive Unit MRU, authentication mode, magic words and other options
- ☒ C. In the Network phase, PPP links carries out NCP negotiation. To select and configure a network layer protocol by the NCP negotiation, and proceed the network layer parameter negotiation
- ☒ D D after NCP negotiation is successful PPP link will remain communication state, and enter the Terminate phase (Right Answers)
- ☒ E. PPP link supports half-duplex and full-duplex modes (Right Answers)

Answer: DE

255. Administrator configures OSPF on a router, but it doesn't configure the loopback interface on the router. Which description about the Router ID is correct?

- ☐ A. The minimum IP address of the router's physical interface will become Router ID
- ☒ B. The maximum IP address of the router's physical interface will become Router ID (Right Answers)
- ☐ C. The IP address of the router management interface will become Router ID
- ☐ D. The router's priority will be Router ID

Answer: B

256. DHCP OFFER packets can carry DNS address, but can only carry one DNS address.

QA. TRUE

QB.FALSE (**Right** Answers>

Answer: F

257.UDP is connectionless.which you must use to provide transmission reliability.249

- ☐ A.Internet Protocol
- ☒ B .Application Layer protocol .**(Right Answers)**
- ☐ C.Network Layer Protocol
- ☐ D.TransmissionControlProtocol

Answer: B

258.The rule to create VLAN on Huawei switches is that you can't create VLAN4095 ,and you can not delete VLAN1 .

☒ A.TRUE **(Right** Answers>

☐ B.FALSE

Answer: T

259. When configuring DHCPv6 in the VRP system, which of DUID formats can be configured? (Multiple Choice)

☐ A DUID-LL (Right Answers >

☒ B DUID-LLT (Right Answers)

☐ C DUID-EN

☐ D OUID-LLC

Answer: AB

260. Refer to the following output configuration result about RIP description, which is correct?

<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: 34.0.0.0 120.0.0.0

☐ A. auto-summary is enabled

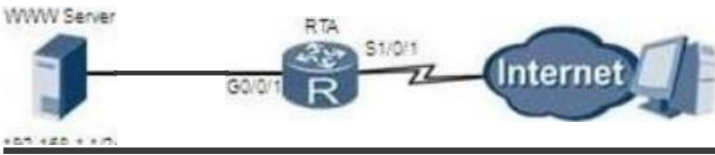
☒ B. RIP process number is 1

☐ C. RIP routing update packet's transmission interval is 30s (Right Answers)

☐ D. RIP routing's spam timeout is 180s

Answer : C

261. As shown,in private network,one Web server needs to provide HTTP service to public network users,so the network administrator needs to configure NAT on the gateway router RTA to achieve demand,so which of the following configuration can meet the needs?



- ☐ A (RTA-Serial1/0/1) nat server protocol tcp global 202.10.10.1 www inside 192.168.1.1 8080 (Right Answers)
- ☐ B [RTA-Serial1/0/1] nat server protocol tcp global 192.168.1.1 www inside 192.10.10.1 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

262. A company has 50 Private IP addresses. The administrator access to the public network using NAT technology, and the company has only one public network address available, which of the following NAT conversion ways can meet the requirement?

- ☐ A. Static Transfer
- ☐ B. Dynamic Conversion
- ☒ C. easy-ip - (Right Answers)
- ☐ D. NAT

Answer: C

263. As shown,RTA as PPPoE client send PADI message to seiver A,which of the following way PADI message will use?



☐ A.Unicast

☐ B.Multicast

☒ C Broadcast (Right Answers >

☐ D.anycast

Answer: C

264. .STP meanwhile in improving the reliability of the network, but also can solve the loop problem of switched network.

☒A_ TRUE (Right Answers)

☐B.FALSE

Answer:T

265. On the router, which command can be used to display the mapping relationship between the network address and the DLCI?

☐ A. display fr interface

☐ B. display fr

☒ C. display fr map-info (Right Answers >

☐ D. display fr brief

Answer : C

KillTest

266. Which address does 192.168.1127/25 represent?

- ☐ A Host
- ☐ B 8.network
- ☐ C multicast
- ☒ D Broadcast (Right Answers)

Answer: D

267. Which of ICMP timeout message will Tracert Diagnostic Tool record, thereby providing packet reaches the destination IP address to the user?

☐ A. Destination port

☐ B. Source port

☐ C. Destination IP Address

☒ D. Source IP Address **(Right Answers)** Answer: D

201. Under the Huawei AR router's command line interface, the role of the Save command is to save the current system time.

☐ A. TRUE

☒ B. FALSE **(Right Answers)**

Answer: F

