

H12-211 Dumps

Huawei Certified Datacom Associate-Huawei Networking Technology and Device (HCDA-HNTD)

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NEW QUESTION 1

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

NEW QUESTION 2

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

NEW QUESTION 3

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: ABD

NEW QUESTION 4

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

NEW QUESTION 5

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

NEW QUESTION 6

Refer to the graphic. The link between RTA and RTB is encapsulated using PPP. The IP addresses of serial1/0/1 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: AD

NEW QUESTION 7

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: BC

NEW QUESTION 8

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: ACD

NEW QUESTION 9

Refer to the graphic. RTA and RTB have established a GRE tunnel, but only RTA has enabled the keepalive function. When RTB receives 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

NEW QUESTION 10

In a small network supporting IPv6, a network administrator wishes to 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

NEW QUESTION 10

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

NEW QUESTION 15

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

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

Answer: ABC

NEW QUESTION 18

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

NEW QUESTION 20

Refer to the graphic. The network administrator wishes to aggregate the two links as member interfaces of Eth-trunk. 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

NEW QUESTION 25

Refer to the graphic. RTA and RTB are connected to the same Frame Relay switch and use the same DLCI number, which of the 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: BC

NEW QUESTION 30

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

NEW QUESTION 31

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

NEW QUESTION 32

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

NEW QUESTION 34

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 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

NEW QUESTION 38

A DHCP server in the enterprise network is being used to allocate 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: ABD

NEW QUESTION 40

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

NEW QUESTION 42

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

NEW QUESTION 43

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: ABCE

NEW QUESTION 44

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.
- D. The forwarding speed of an Ethernet interface is faster than the forwarding speed of a serial interface.
- E. 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

NEW QUESTION 45

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

NEW QUESTION 48

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: AB

NEW QUESTION 50

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

NEW QUESTION 55

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

NEW QUESTION 56

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: BCD

NEW QUESTION 58

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: AC

NEW QUESTION 59

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

NEW QUESTION 63

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

<choice id="A">
<choice id="B">
<choice id="C">
<choice id="D">

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

Answer: C

NEW QUESTION 65

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: ACD

NEW QUESTION 69

```
[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: AD

NEW QUESTION 71

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: AC

NEW QUESTION 72

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: AD

NEW QUESTION 76

[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

NEW QUESTION 77

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 belong 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

NEW QUESTION 82

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

NEW QUESTION 87

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 `DR` others in a broadcast network

Answer: D

NEW QUESTION 91

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

NEW QUESTION 93

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: CD

NEW QUESTION 94

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

NEW QUESTION 97

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: BC

NEW QUESTION 98

```
[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

NEW QUESTION 100

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

NEW QUESTION 101

Two end stations in a point-to-point network perform address resolution. Which of the following statements is incorrect?

- 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

NEW QUESTION 105

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

NEW QUESTION 106

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

NEW QUESTION 107

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: AD

NEW QUESTION 110

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

NEW QUESTION 112

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: BC

NEW QUESTION 117

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: ABD

NEW QUESTION 122

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

NEW QUESTION 127

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

NEW QUESTION 129

On VRP platform, the command lines are classified into four levels in increasing priority: View 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. View level
- B. Monitoring level
- C. Configuration level
- D. Management level

Answer: C

NEW QUESTION 132

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: AC

NEW QUESTION 135

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

NEW QUESTION 140

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

NEW QUESTION 145

Source Destination Protocol Info

```
10.1.12.1 10.0.12.2 TCP 50190 > telnet [SYN] Seq=0 Win=8192 Len=0 MSS=1460
10.1.12.2 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

NEW QUESTION 146

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

NEW QUESTION 148

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

NEW QUESTION 149

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: ABC

NEW QUESTION 153

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

NEW QUESTION 156

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: ABC

NEW QUESTION 161

The network administrator wishes to transmit data between two end stations. The network interface cards of both devices operate 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

NEW QUESTION 164

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

NEW QUESTION 168

<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: AC

NEW QUESTION 171

[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

NEW QUESTION 175

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: ABD

NEW QUESTION 180

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

NEW QUESTION 185

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

NEW QUESTION 186

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

NEW QUESTION 190

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

NEW QUESTION 193

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

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

Answer: C

NEW QUESTION 195

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

NEW QUESTION 200

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: AC

NEW QUESTION 204

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: AC

NEW QUESTION 205

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

NEW QUESTION 207

<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

NEW QUESTION 211

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

NEW QUESTION 215

<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

NEW QUESTION 219

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: BD

NEW QUESTION 222

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

NEW QUESTION 223

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: AC

NEW QUESTION 226

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: ACD

NEW QUESTION 231

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: AC

NEW QUESTION 234

A user logged into a VRP supported device through telnet, but when attempting to configure the device, found that he is unable to use the system-view command to enter the system-view. What are the possible reasons for this? (Choose two)

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

Answer: AC

NEW QUESTION 236

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
- B. If a reply is received, the host will notify of an address conflict.
- C. 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.
- D. 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.
- E. Host A will ignore any received ARP request intended for destination 192.168.1.1.

Answer: C

NEW QUESTION 240

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: BC

NEW QUESTION 242

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

NEW QUESTION 247

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: AD

NEW QUESTION 249

FTP and TFTP can be used to update the system file on Huawei routers. Which of the following statements are correct?(Choose three)

<choice id="A">
<choice id="B">
<choice id="C">
<choice id="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: ABC

NEW QUESTION 254

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

NEW QUESTION 259

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: ABC

NEW QUESTION 261

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: ABC

NEW QUESTION 266

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

NEW QUESTION 271

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: AB

NEW QUESTION 272

[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

NEW QUESTION 276

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