

## Huawei.H12-821\_V1.0-ENU.v2023-03-06.q109

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### NEW QUESTION: 1

When the IPv6 address of the host is configured by using stateless address configuration, and other parameters except the address are obtained through DHCPv6, how to set the M bit and O bit in the RA message?

- A. M=1, O=1
- B. M=0, O=0
- C. M=1, O=0
- D. M=0, O=1

**Answer: D** ([LEAVE A REPLY](#))

### NEW QUESTION: 2

Which description is correct about the prefix list? (Multiple choice)

- A. The prefix list is used to filter IP prefixes and cannot match the prefix number and prefix length at the same time
- B. The prefix list can be used for packet filtering
- C. The prefix list cannot be used for packet filtering
- D. The prefix list is used to filter IP prefixes, which can match the prefix number and prefix length at the same time

**Answer: C,D** ([LEAVE A REPLY](#))

### NEW QUESTION: 3

Which of the following statement about OSPF neighbor information is incorrect?

```

<RTA>display ospf peer
      OSPF Process 1 with Router ID 1.1.1.1
      Neighbors
Area 0.0.0.0 interface 10.1.1.1 (Ethernet0/0/0)'s neighbors:
Router ID: 2.2.2.2      Address: 10.1.1.2
State: Full Mode:Nbr is Master Priority: 1
DR: 10.1.1.1 BDR: 10.1.1.2 MTU: 0
Dead timer due in 40 sec
Retrans timer interval: 5
Neighbor is up for 00:00:12
Authentication Sequence: [ 0 ]

```

- A. The router id of the neighbor is 2.2.2.2
- B. This router is Master
- C. The address of DR is 10.1.1.1
- D. The router id of this router is 1.1.1.1

**Answer: B** ([LEAVE A REPLY](#))

#### NEW QUESTION: 4

Regarding the OSP command description, which is incorrect? (Multiple choice)

- A. There is no need to use router-id in OSPF v3 configuration, the configuration method is the same as OSPF v2
- B. The stub router command is used to configure the secondary router as a stub router. The stub router can form a neighbor relationship with non-stub routers.
- C. The no-summary parameter is configured for the stub area and the totally stub area
- D. The difference between OSPF v2 and OSPF V3 configuration interface commands is that OSPF v2 can use the network command, while OSPF v3 is directly enabled on the interface

**Answer: A,B,C** ([LEAVE A REPLY](#))

#### NEW QUESTION: 5

Which of the following tools cannot be used for route filtering?

- A. IP-Prefix
- B. policy-based-route
- C. ip community-filter
- D. route-policy

**Answer: B** ([LEAVE A REPLY](#))

#### NEW QUESTION: 6

VPN technology that can only provide Layer 2 network interconnection.

- A. TRUE
- B. FALSE

**Answer: B ([LEAVE A REPLY](#))**

#### **NEW QUESTION: 7**

Which of the following attacks is not a network layer attack?

- A. ICMP attack
- B. A RP spoofing attack
- C. IP spoofing attack
- D. Smurf attack

**Answer: B ([LEAVE A REPLY](#))**

#### **NEW QUESTION: 8**

Which of the following description of VRRP is false?

- A. The host on the network communicates with the virtual router, and there is no need to know all the information of the physical router on this network
- B. VRRP is a kind of redundant backup protocol. It is designed for LANs with multicast or broadcast capabilities (such as Ethernet) to ensure that when the next hop router device of a host in the LAN fails, another router can be used in a timely manner. Instead, to maintain the continuity and reliability of network communication
- C. A virtual router is composed of a main router and several backup routers. The main router realizes the real forwarding function. When the main router fails, a backup router will become the new main router and take over its work.
- D. When using the protocol, you need to configure the virtual router number and virtual IP address on the router, and directly use the real MAC of the main router, so that a virtual router is added to this network

**Answer: D ([LEAVE A REPLY](#))**

#### **NEW QUESTION: 9**

Which of the following types of equipment belong to Huawei data center switches? (Multiple choice)

- A. NetEngine AR6121
- B. CloudEngine S12700E
- C. CloudEngine 16800
- D. CloudEngine 12800

**Answer: ([SHOW ANSWER](#))**

#### **NEW QUESTION: 10**

If a modular switch only supports the use of cluster cards on the main control board to establish a cluster connection, it means that the modular switch uses CSS2 stacking technology.

- A. FALSE

B. TRUE

Answer: A ([LEAVE A REPLY](#))

**NEW QUESTION: 11**

If roaming is realized between two APs, the same security policy forwarding mode and the same () must be met. (If English words are involved, please use capital letters)

Answer:

SSID

**NEW QUESTION: 12**

Among the following BGP attributes, which are the recognized mandatory types of attributes? (Multiple choice)

A. As-Path

B. MED

C. Next\_hop

D. Local\_Pref

Answer: A,C ([LEAVE A REPLY](#))

**NEW QUESTION: 13**

A router running IS-IS outputs the information as shown in figure, which of the following statements is correct? (Multiple choice)

System Id	Interface	Circuit Id	State	HoldTime	Type	PR
0100.0000.1001	S4/0/0	0000000001	Up	28s	L1L2	--
3003.0000.3000	GE0/0/0	0002.0200.2002.01	Up	24s	L1(L1L2)	64
3003.0000.3000	GE0/0/0	0002.0200.2002.01	Up	24s	HUAWEP(L1L2)	64

A. The S4/0/0 interface of this router only establishes the neighbor relationship of Level-1

B. The S4/0/0 interface of this router has established the neighbor relationships of Level-1 and Level-2 at the same time

C. The GE0/0/0 interface of this router has established a neighbor relationship between Level-1 and Level-2 at the same time

D. The GE0/0/0 interface of this router only establishes the neighbor relationship of Level-1

Answer: B,C ([LEAVE A REPLY](#))

**NEW QUESTION: 14**

Which of the following categories can ACL be divided into? (Multiple choice)

A. Advanced ACL

B. User-defined ACL

- C. Basic ACL
- D. Layer 2 ACL

**Answer: A,B,C,D ([LEAVE A REPLY](#))**

**NEW QUESTION: 15**

When pinging the IP address of a certain interface of the firewall on the firewall, these messages will be handed over to the internal module of the firewall for processing and will not be forwarded.

- A. FALSE
- B. TRUE

**Answer: B ([LEAVE A REPLY](#))**

**NEW QUESTION: 16**

Using the authentication in BGP configuration, how to configure?

- A. The same MD5 password must be used between a pair of BGP peers
- B. All routers in the AS must use the same password
- C. All routers in the same AS must use the same password
- D. All BGP peers on a router must use the same password

**Answer: A ([LEAVE A REPLY](#))**

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**NEW QUESTION: 17**

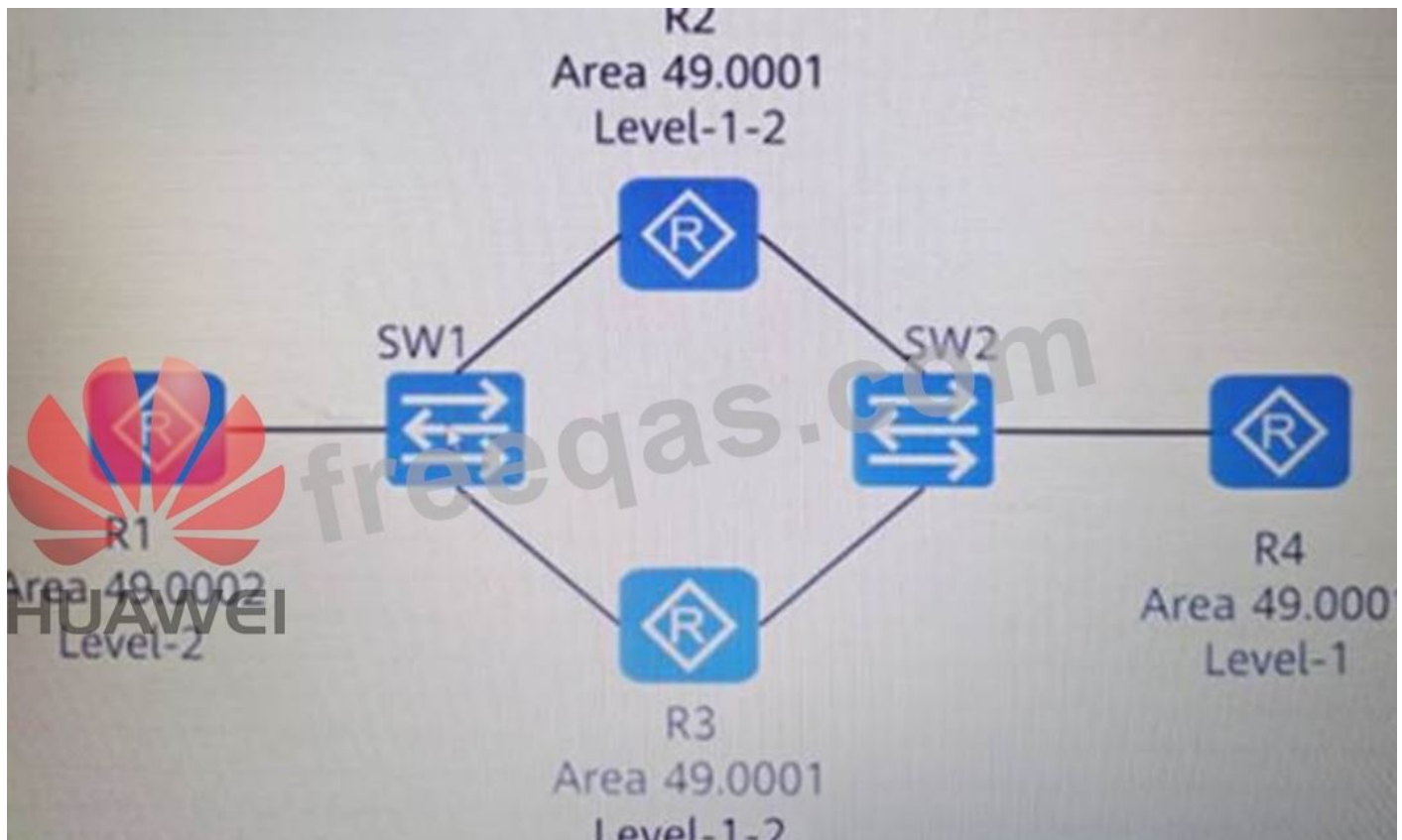
Which of the following does not belong to the IGP?

- A. RIP
- B. OSPF
- C. IS-IS
- D. BGP

**Answer: D ([LEAVE A REPLY](#))**

**NEW QUESTION: 18**

Four routers are running IS-S and the adjacency relation has been established, and the level of area number and router are marked as shown, which of the following statements are true?



- A. R2 and R3 learn default routes from each other, and there is a routing loop in this network
- B. Both R2 and R3 will have the Level-1's LSP of ATT set
- C. R1 does not have the LSP generated by R4, so R1 can only communicate with R4 through the default route
- D. Both R2 and R3 will have the Level-1's LSP of ATT set

**Answer: B** ([LEAVE A REPLY](#))

**NEW QUESTION: 19**

In route-policy, what are the BGP attributes that can be used in the apply clause? (Multiple choice)

- A. MED
- B. Local-Preference
- C. AS-Path
- D. Tag

**Answer: A,B,C** ([LEAVE A REPLY](#))

**NEW QUESTION: 20**

Which TLV does IS-IS use to describe the IP Interface Address?

- A. 131
- B. 129
- C. 128
- D. 132

**Answer: (SHOW ANSWER)**

**NEW QUESTION: 21**

Which of the following statements about stack splitting is wrong?

- A.** If the main and standby switches are in two stacking systems after the stack is split, the stack system where the original main switch is located will update the topology and re-designate the standby switch. The original standby switch will be promoted to the master in the new stacking system, and the new standby switch will be elected at the same time
- B.** If the master and backup switches are still in the same stack system after the stack is split, the slave switches separated from the original master and backup switches will re-elect the master and backup transfer machines due to the timeout of the protocol packets.
- C.** After the stack splits, the MAC addresses of the two stacking systems will definitely change immediately
- D.** After the split, multiple stack systems will have the same IP address and MAC address. To avoid network failures, the stack will perform MAD detection. The party that fails the MAD detection competition will close all physical ports except for reserved ports.

**Answer: C** ([LEAVE A REPLY](#))

**NEW QUESTION: 22**

The following is a router BGP error output information, which description of this information is wrong?

```
<HUAWEI>display bgp error Error Type: Peer Error Date/Time:2010-03-2211:40:39 Peer Address:10.1.1.2Error Info Router-id conflict
```

- A.** Error Type display because the neighbor relationship False caused
- B.** The router's neighbor address is 10.1.1.2.
- C.** The error occurred at 11:40:39 on March 22, 2010
- D.** False may be caused by the wrong AS number of the peer

**Answer: (SHOW ANSWER)**

**NEW QUESTION: 23**

In the OSPF routing domain, in broadcast networks and NBMA networks with at least two routers, one router must be designated as DR and the other as BDR.

- A.** TRUE
- B.** FALSE

**Answer: B** ([LEAVE A REPLY](#))

**NEW QUESTION: 24**

A switch runs the RSTP protocol, and its related configuration information is shown in the figure. According to the command configuration, please point out that for Instance 1, the role of the switch is:

MSTID	Port	Role	STP State	Protection
0	GigabitEthernet0/0/12	DESIGNATED	FORWARDING	NONE
0	GigabitEthernet0/0/15	ROOT	FORWARDING	NONE
1	GigabitEthernet0/0/12	DESIGNATED	FORWARDING	NONE
1	GigabitEthernet0/0/15	DESIGNATED	FORWARDING	NONE
2	GigabitEthernet0/0/12	DESIGNATED	FORWARDING	NONE
2	GigabitEthernet0/0/15	ROOT	FORWARDING	NONE

- A. Unable to judge
- B. Root switch
- C. Non-root switch
- D. Switch

**Answer: B** ([LEAVE A REPLY](#))

#### NEW QUESTION: 25

Regarding the OSPF protocol packets, which of the following statement is false?

- A. OSPF packets are encapsulated in UDP packets, and the port number is 89
- B. The header format of all OSPF packets is the same
- C. All OSPF packet headers carry the Router-ID field
- D. The OSPF protocol uses five types of messages to complete the transmission of routing information

**Answer: A** ([LEAVE A REPLY](#))

#### NEW QUESTION: 26

Regarding the special area of OSPF, which of the following description of is incorrect?

- A. The difference between a Totally Stub area and an NSSA area is that the Totally Stub area does not accept inter-area routing information.
- B. The Totally Stub Area allows the ABR to advertise the default Type 3 LSA, but does not accept the Type 5 LSA and the refined Type 3 LSA
- C. The NSSA Area is different from the Stub area because this area allows the import of autonomous system external routes, and the ABR advertises LSA7 notifications to this area.
- D. The difference between the Stub area and the Totally stub area is that the stub area allows detailed routing information between areas

**Answer: C** ([LEAVE A REPLY](#))

#### NEW QUESTION: 27

The route is injected into BGP through the network command. Which of the following description is wrong? (Multiple choice)

- A. The length of the mask must match exactly
- B. Just match the prefix, the length of the mask does not need to be strictly matched

- C. The route must exist in the IP routing table and is the best route
- D. The route cannot be an IGP route, it can only be a direct route

Answer: ([SHOW ANSWER](#))

**NEW QUESTION: 28**

Which of the following SA descriptions of various messages are wrong? (Multiple choice)

- A. LS Update message contains complete LSA information
- B. LS Ack message contains complete LSA information
- C. LS Request message only has LS Type, Ls ID and Advertising Router
- D. DD only contains the summary information of LSA, that is, it contains LS Type, LS ID, Advertising Router and LS Sequence Number

Answer: B,D ([LEAVE A REPLY](#))

**NEW QUESTION: 29**

In the MAC-based Portal authentication scenario, when a user successfully performs Portal authentication, he can disconnect from the network and reconnect within a certain period of time, and he can directly access through MAC authentication without entering the username and password to perform Porta1 authentication again.

- A. FALSE
- B. TRUE

Answer: ([SHOW ANSWER](#))

**NEW QUESTION: 30**

As shown in the figure, the stateful inspection firewall will forward the second TCP three-way handshake message in the figure.



- A. False
- B. True

Answer: ([SHOW ANSWER](#))

### NEW QUESTION: 31

It is possible to prevent the HSB backup channel between the active and standby ACs from being interrupted and unperceivable through mechanisms such as sending active and standby service packets and retransmissions.

- A. False
- B. True

Answer: ([SHOW ANSWER](#))

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### NEW QUESTION: 32

Which of the following description of the OSPF default route is false?

- A. The Autonomous System Boundary Router (ASBR) publishes Type5 external province ASELSA, or Type7 external default NSSALSA, which is used to guide the routers in the autonomous system (AS) to access the outside of the autonomous system
- B. OSPF routing can be issued by the area border router (ABR) Type3 default Summary LSA, used to guide the routers in the area to forward packets between areas
- C. Due to the hierarchical management of OSFP routing, the priority of Type5/7 missing routing is higher than Type3 routing
- D. When the router does not have an exact matching route, it can forward packets through the default route

Answer: C ([LEAVE A REPLY](#))

### NEW QUESTION: 33

Regarding BGP MED, which of the following descriptions are correct? (Multiple choice)

- A. By default, if the MED value is not set in the route attribute, press the process. If the bestroute med-none-as maximum command is configured. Then handle the maximum MED value of 4294967295
- B. By default, BGP routing rules can compare the distance between routes from different autonomous systems.
- C. The default value of BGP route MED is 0
- D. In BGP routing rules, the priority of MED is lower than AS-Path, Preferred-Value, Local-Preference, Origin

Answer: A,D ([LEAVE A REPLY](#))

**NEW QUESTION: 34**

After the modular switch receives the business message, it is processed by the upstream interface board, then processed by the downstream interface board, and finally sent from the interface.

- A. FALSE
- B. TRUE

**Answer:** ([SHOW ANSWER](#))

**NEW QUESTION: 35**

Regarding the matters needing to be attention in configuring the Stub area, which of the following description of is true?

- A. The backbone area can be configured as a stub area
- B. If an area is configured as a stub area, all routers in the area must be configured with stub area attributes
- C. The virtual link can traverse the stub area
- D. ASBR can exist in the stub area

**Answer:** B ([LEAVE A REPLY](#))

**NEW QUESTION: 36**

Among the commonly used routing policy tools for BGP, what can be used to match a specific AS\_path?

- A. ip-prefix
- B. filter-policy
- C. ip as-path-filer
- D. community-filter

**Answer:** C ([LEAVE A REPLY](#))

**NEW QUESTION: 37**

Routes injected into BGP by re-issuing the command, the Origin attribute of which is Incomplete

- A. TRUE
- B. FALSE

**Answer:** A ([LEAVE A REPLY](#))

**NEW QUESTION: 38**

When the payload is an ICMPv6 packet, if the extended header is not considered, what is the value of the Next Header field in the IPv6 header?

- A. 55
- B. 68
- C. 58
- D. 78

**Answer: C ([LEAVE A REPLY](#))**

**NEW QUESTION: 39**

The interface IP address and virtual IP address of VRRP can be the same

- A. FALSE
- B. TRUE

**Answer: ([SHOW ANSWER](#))**

**NEW QUESTION: 40**

By default, for routers running IS-IS in a broadcast network, how many seconds does the DIS send CSNP packets?

- A. 40
- B. 10
- C. 3.3
- D. 30

**Answer: B ([LEAVE A REPLY](#))**

**NEW QUESTION: 41**

The content contained in the UPDATE message, which of the description is wrong?

- A. UPDATE contains reachable route prefix information
- B. UPDATE contains the local AS number
- C. UPDATE contains path attributes
- D. UPDATE contains information about withdrawing the routing prefix

**Answer: B ([LEAVE A REPLY](#))**

**NEW QUESTION: 42**

In the case of without enabling BGP path load sharing, which BGP routes will be sent to BGP neighbors?

- A. All BGP routes learned from all neighbors
- B. Only routes learned from EBGP
- C. Only the best route preferred by BGP
- D. Only routes learned from IBGP

**Answer: C ([LEAVE A REPLY](#))**

**NEW QUESTION: 43**

Which description is wrong about the BGP Keepalive message?

- A. Keepalive messages are mainly used to confirm the operating status of peer routers and the availability of links
- B. By default, the keepalive interval is 180s
- C. Keepalive is periodically sent between two BGP neighbors
- D. Keepalive message contains only one BGP data header

**Answer: B** ([LEAVE A REPLY](#))

**NEW QUESTION: 44**

Which routes among the following options satisfy the following ACL parents? (Multiple choice)

```
[HUAWEI] acl number 2001
```

```
[HUAWEI-acl-basic- 2001] rule 0 permit source 10.1.1.0 0.0.254.255
```

- A. 10.1.4.1/32
- B. 10.1.1.1/32
- C. 10.1.2.1/32
- D. 10.1.3.1/32

**Answer: B,D** ([LEAVE A REPLY](#))

**NEW QUESTION: 45**

The router receives two BGP routes with the following attributes, please select the best route according to the BGP routing rules:



Network	NextHop	MED	LocPrt	PrefVal	Path/Ogn
M 192.168.1.0	10.1.1.1	30		0	100 i
N 192.168.1.0	10.1.1.2	20		0	100 200

- A. The best route to route M, due to its MED is larger than route N
- B. The best route to route N, due to its MED is smaller than route M
- C. The best route to route N, due to its AS\_Path is longer than route N
- D. The best route is route M, due to its AS\_Path is shorter than route N

**Answer: D** ([LEAVE A REPLY](#))

**NEW QUESTION: 46**

Which of the following IEEE 802.11 standards corresponds to Wi-Fi 6?

- A. 802.11n
- B. 802.11b
- C. 802.11ax
- D. 802.11ac

**Answer: C** ([LEAVE A REPLY](#))

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**NEW QUESTION: 47**

When the stateful inspection firewall forwards subsequent data packets (not the first packet), which of the following is the main basis?

- A. Route table
- B. MAC address table
- C. Session table
- D. OFIB table

**Answer: C** ([LEAVE A REPLY](#))

**NEW QUESTION: 48**

BGP is an inter-domain routing protocol. Which of the following descriptions of this protocol is correct? (Multiple choice)

- A. Support automatic neighbor discovery
- B. Support rich routing strategies
- C. BGP protocol adopts reliable transmission protocol
- D. Does not support neighbor authentication

**Answer: B,C** ([LEAVE A REPLY](#))

**NEW QUESTION: 49**

The ABR in the OSPF stub area does not flood the fifth type LSA and the fourth type LSA into the stub area, and draws a default LSA to the stub area to guide how data packets reach the destination outside the AS

- A. TRUE
- B. FALSE

**Answer: A** ([LEAVE A REPLY](#))

**NEW QUESTION: 50**

On-board AC refers to the built-in AC capability of Huawei agile switches, which realizes the integrated management of wired and wireless services, and the unified management of wired and wireless business traffic is centralized by the agile switch

- A. FALSE
- B. TRUE

**Answer: B** ([LEAVE A REPLY](#))

**NEW QUESTION: 51**

About the OSPF calculating the shortest path tree phase, which of the following description is true?

- A. The Stub segment is calculated in the first stage, the routing node is calculated in the second stage
- B. The routing node is calculated in the first stage, the stub network segment is calculated in the second stage
- C. Stub network segment is calculated in the first stage, router node and transit network segment are calculated in the second stage
- D. The routing node and Transit network segment are calculated in the first stage, Stub network segment is calculated in the second stage

**Answer:** ([SHOW ANSWER](#))

#### **NEW QUESTION: 52**

By default, VRRP automatically aggregates the routes imported by BGP.

- A. True
- B. False

**Answer:** B ([LEAVE A REPLY](#))

#### **NEW QUESTION: 53**

Multiple BGP processes cannot be configured on a router.

- A. False
- B. True

**Answer:** B ([LEAVE A REPLY](#))

#### **NEW QUESTION: 54**

The configuration command for VRRP and BFD linkage is:

- A. bfd-session vrrp vrid 1 track session-name 1 reduced 100
- B. vrrp vrid 1 track bfd-session session-name 1 reduced 100
- C. track vrrp vrid 1 bfd-session session-name 1 reduced 100
- D. vrrp vrid 1 track bfd-session-name 1 reduced 100

**Answer:** B ([LEAVE A REPLY](#))

#### **NEW QUESTION: 55**

Which of the following default route delivery methods does OSPF support? (Multiple choice)

- A. Can be sent up and down in ASBR
- B. Can only be issued by force
- C. Can be issued non-mandatory
- D. Can be sent up and down in ABR

**Answer:** ([SHOW ANSWER](#))

#### **NEW QUESTION: 56**

Which layer of data packets does the packet filtering firewall inspect?

- A. Link layer

- B. Application layer
- C. Network layer
- D. Physical layer

**Answer:** ([SHOW ANSWER](#))

**NEW QUESTION: 57**

Route redistribution refers to the operation of only advertising routing information from one routing protocol to another routing protocol.

Which of the following statements about route introduction is correct? (Multiple choice)

- A. When implementing route import, you need to pay attention to the routing priority agreements of different vendors may be different
- B. By importing routes, routing information can be transmitted between different routing protocols
- C. The routing protocol itself has anti-loop characteristics, so there is no need to consider loop issues when routes are imported into each other
- D. When implementing route import, route control can also be deployed to achieve flexible control of correct business traffic

**Answer:** A,B,D ([LEAVE A REPLY](#))

**NEW QUESTION: 58**

How does IGMPv2 router maintain the network segment group membership? (Multiple choice)

- A. After receiving the eave message, the router immediately deletes the group membership
- B. The router maintains a timeout timer for each group membership, refreshes the timer if it receives the receiver host, and deletes the group membership if the timer expires
- C. The router will query a specific group
- D. The router periodically sends Query messages, and the receiver host reports a Repeat message after receiving the Query message

**Answer:** B,C,D ([LEAVE A REPLY](#))

**NEW QUESTION: 59**

There can be multiple nodes under a route-policy. Different nodes are identified by node. Each node can have multiple if-match and apply clauses. Which of the following descriptions are wrong? (Multiple choice)

- A. The relationship between the if-match clauses under each node is "and"
- B. There is an "or" relationship between different nodes
- C. There is an "or" relationship between the if-match clauses under each node
- D. The relationship between different nodes is "and"

**Answer:** ([SHOW ANSWER](#))

**NEW QUESTION: 60**

Which is not included in the three elements of the server map table of the USG series firewalls?

- A. Source IP

- B. Destination port number
- C. Agreement number
- D. Destination IP

**Answer: A ([LEAVE A REPLY](#))**

**NEW QUESTION: 61**

ICMPv6 has two types: Error Messages and Information Messages.

- A. FALSE
- B. TRUE

**Answer: ([SHOW ANSWER](#))**

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**NEW QUESTION: 62**

The command to configure VRRP preemption delay is:

- A. vrrp vrid 1 preempt-mode timer delay 20
- B. vrrp twist 1 hour delay 20
- C. vrrp vrid 1 preempt-timer 20
- D. vrrp vrid 1 preempt-delay 20

**Answer: A ([LEAVE A REPLY](#))**

**NEW QUESTION: 63**

Regarding BGP reliable routing updates, which of the following description of is ture?

- A. BGP uses multicast updates
- B. BGP sends complete routing table information every time a route is updated
- C. BGP works on top of UDP, and the transport layer protocol is 179
- D. BGP does not need to periodically advertise routing information

**Answer: ([SHOW ANSWER](#))**

**NEW QUESTION: 64**

By default in VRP, when the route-policy of BGP is changed, manual operations are required to resend the update message to the neighbor.

- A. TRUE
- B. FALSE

**Answer:** ([SHOW ANSWER](#))

**NEW QUESTION: 65**

Which of the following values can be set for the security level of the customized security zone of the USG series firewall? (Multiple choice)

- A. 80
- B. 40
- C. 100
- D. 150

**Answer:** A,B ([LEAVE A REPLY](#))

**NEW QUESTION: 66**

By default, the OSPF port cost is related to the port bandwidth. The calculation formula is bandwidth-reference/bandwidth. The cost is only calculated by OSPF and cannot be changed manually.

- A. TRUE
- B. FALSE

**Answer:** ([SHOW ANSWER](#))

**NEW QUESTION: 67**

What problem does IGMP Snooping mainly solve?

- A. The receiver host only supports the IGMPv2 protocol, but the SSM multicast model is used in the network
- B. IGMP Report message legality issue
- C. There are a large number of receiver hosts on the network segment, and the router will receive a large number of IGMP Report messages.
- D. Solve the problem of multicast data message broadcasting on Layer 2 devices, which is used to manage and control the forwarding of multicast data messages

**Answer:** D ([LEAVE A REPLY](#))

**NEW QUESTION: 68**

The default priority of VRRP devices in the backup group is:

- A. 100
- B. 150
- C. 0
- D. 200

**Answer:** ([SHOW ANSWER](#))

**NEW QUESTION: 69**

Regarding BGP route announcement, which of the following descriptions is wrong? (Multiple choice)

- A. Only the best route preferred by BGP can be announced to other BGP neighbors
- B. All BGP routes learned from all BGP neighbors are announced to other BGP neighbors.
- C. By default, routes learned from IBGP are not forwarded to other IBGP neighbors
- D. Only routes learned from IGP can be advertised to other BGP neighbors

Answer: B,D ([LEAVE A REPLY](#))

**NEW QUESTION: 70**

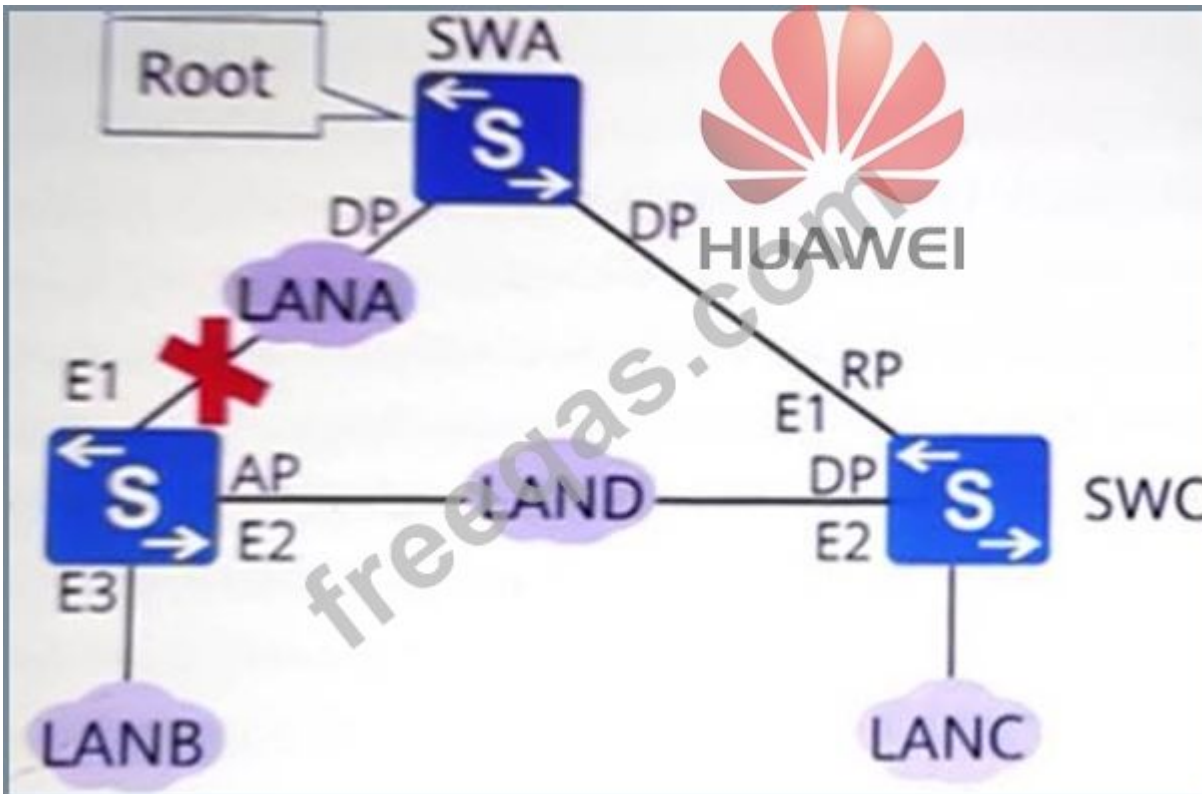
What is the sequence of the VLAN Pool assigning VLANs to the terminal? (Multiple choice)

- A. Assign VLAN to the terminal according to the VLAN algorithm
- B. Terminal access to VAP
- C. Determine the VLAN Pool and VLAN algorithm bound to the VAP
- D. The terminal accesses from the divided VLAN

Answer: ([SHOW ANSWER](#))

**NEW QUESTION: 71**

In the network as shown in the figure, all switches run the RSTP protocol. If the E1 interface of SWB fails, when the RSTP process, then what will happen? (Multiple choice)



- A. SWB deletes the port entry of the port whose purpose is E1 in the MAC address table
- B. Recalculate the spanning tree, SWB elects E2 as the root port
- C. Send topology change notifications (Topology Change Notification) on all forwarding ports to notify other switches that topology changes have occurred in the network
- D. On all non-edge forwarding ports, send topology change notifications (Topology Change Notification) to notify other switches that topology changes have occurred in the network

Answer: ([SHOW ANSWER](#))

**NEW QUESTION: 72**

Among the commonly used routing policy tools for BGP, which of the following can be used to match a specific AS\_path?

- A. filter-policy
- B. community-filter
- C. ip as-path-filter
- D. ip-prefix

**Answer: C** ([LEAVE A REPLY](#))

**NEW QUESTION: 73**

There are the following states in the process of BGP neighbor establishment. Then the sequence of the state machine to establish a successful connection is:

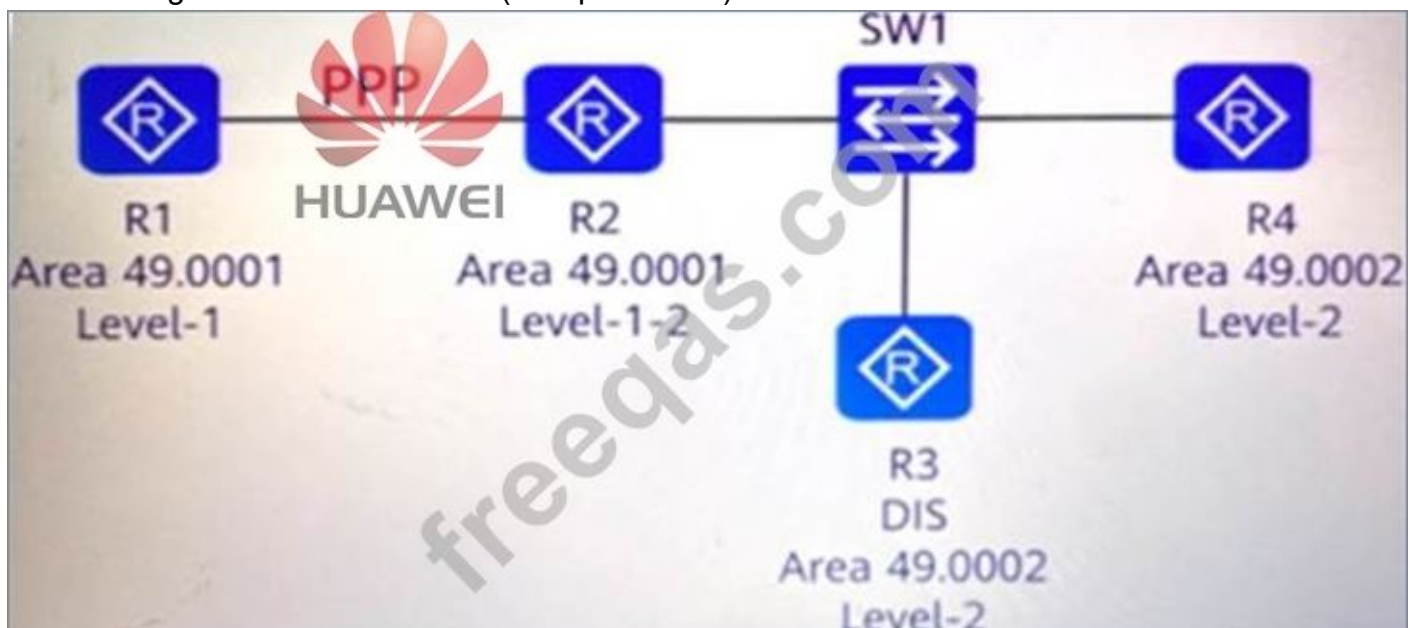
- 1. Active
- 2. OpenConfirm
- 3. Idle
- 4. Establish
- 5. OpenSent

- A. 3-5-1-2-4
- B. 3-1-2-5-4
- C. 1-3-5-2-4
- D. 3-1-5-2-4

**Answer: D** ([LEAVE A REPLY](#))

**NEW QUESTION: 74**

The four routers are running IS-IS and have established adjacency relationship. The area number and router level are marked as shown in the figure. R1 and R2 are PPP links, R2 is DIS. Which of the following statement is correct? (Multiple choice)



- A. If R1 sends an LSP message, R2 needs to send PSNP to confirm
- B. R2 sends LSP to R3 and R4 in unicast mode
- C. R3 sends CSNP periodically to help achieve Level-2 LSDB synchronization

Answer: ([SHOW ANSWER](#))

#### NEW QUESTION: 75

Intranet users of a company use the No-pat method of NAT to access the Internet. If all public IP addresses are used, what will happen to intranet users who subsequently go online?

- A. Synchronize packets to other NAT translation devices for NAT translation
- B. Squeeze out the previous user and force the NAT conversion to go online
- C. Subsequent intranet users will not be able to access the Internet
- D. Automatically switch NAT to PAT and then surf the Internet

Answer: C ([LEAVE A REPLY](#))

#### NEW QUESTION: 76

Among the commonly used routing policy tools for BGP, what can be used to filter routes?

(Multiple choice)

- A. traffic-policy
- B. route-policy
- C. filter-policy
- D. ip extcommunity-filter

Answer: B,C,D ([LEAVE A REPLY](#))

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#### NEW QUESTION: 77

Which of the following about the IS-IS protocol statement is false?

- A. IS-IS protocol supports IP network
- B. IS-IS protocol packets are directly encapsulated by the data link layer
- C. IS-IS protocol supports CLNP network
- D. The Is-Is protocol is a link state protocol running between ASs

Answer: ([SHOW ANSWER](#))

#### NEW QUESTION: 78

The shortest path from the multicast source to the receiver becomes the shortest path tree SPT.

A. FALSE

B. TRUE

Answer: ([SHOW ANSWER](#))

#### NEW QUESTION: 79

Regarding the description of the permanent multicast address, which of the following is false?

A. All routers running the PIM protocol listen to 224.0.0.100

B. All hosts and routers in the network segment listen to 224.0.0.1

C. All routers running OSPF protocol listen on 224.0.0.5

D. All routers listen on 224.0.0.2

Answer: A ([LEAVE A REPLY](#))

#### NEW QUESTION: 80

Which of the following description of the prefix list is wrong?

A. The prefix list can match the prefix number and prefix length

B. The prefix list can be used for packet filtering

C. The prefix list can be used to filter IP prefixes

D. The prefix list has a stronger matching function for the routing mask than the access control list

Answer: B ([LEAVE A REPLY](#))

#### NEW QUESTION: 81

Regarding the accompanying business, which of the following statements is correct? (Multiple choice)

A. The controller is not only the certification center in the campus network, but also the management center of business strategies

B. In the free mobility solution, the administrator does not need to repeat the configuration for each device

C. The administrator does not need to care about the user's IP address when configuring the policy

D. The administrator can execute the business strategy on the device in the controller system-manage the entire network strategy

Answer: A,B,C,D ([LEAVE A REPLY](#))

#### NEW QUESTION: 82

The IGMP protocol runs between the IP host and the multicast router directly connected to it, maintaining the membership of the multicast group

A. True

B. False

Answer: A ([LEAVE A REPLY](#))

**NEW QUESTION: 83**

IGMP Snooping cannot solve the bandwidth waste of multicast traffic on the Layer 2 switch, that is, whether IGMP Snooping is configured on the Layer 2 switch has no effect on the multicast traffic.

- A. TRUE
- B. FALSE

Answer: B ([LEAVE A REPLY](#))

**NEW QUESTION: 84**

On the VRP platform, when we introduce OSPF routing to ISIS, if COST is not specified, the cost value will be set to 16.

- A. False
- B. True

Answer: ([SHOW ANSWER](#))

**NEW QUESTION: 85**

All single switches in the stacking system are called member switches, and can be divided into different roles according to their functions. Please match the roles of the following member switches with their functions.

Master switch	Used for service forwarding, there can be multiple units in the stacking system
Standby switch	Responsible for managing the entire stack, there is only one in the stack system
Slave switch  HUAWEI	Take over all services of the original main switch when the main switch fails

Answer:

Master switch	Slave switch  HUAWEI
Standby switch	Master switch
Slave switch	Standby switch

**NEW QUESTION: 86**

Which of the following dynamic routing protocols can be applied to IPv6 networks? (Multiple choice)

- A. BGP6
- B. OSPFv3
- C. IS-ISv6
- D. Is-Is

**Answer:** ([SHOW ANSWER](#))

**NEW QUESTION: 87**

The Link ID of the Type 3 of LSA is:

- A. Described destination network segment
- B. The port IP address of the DR on the network segment where it is located
- C. Described ABR 's Router ID
- D. Generate the Router ID of this LSA's router

**Answer:** ([SHOW ANSWER](#))

**NEW QUESTION: 88**

The RSTP protocol defines different port states, including Discarding and Learning. Which descriptions of these two port states are correct? (Multiple choice)

- A. Ports in these two states do not forward data frames
- B. Ports in the Learning state do not learn the MAC address table
- C. The port in the Discarding state does not learn the MAC address table
- D. Ports in the Discarding state and the learning state do not learn the MAC address table

**Answer:** A,C ([LEAVE A REPLY](#))

**NEW QUESTION: 89**

ASPF (Application Specific Packet Filter) is a packet filter based on the application layer. It checks the application layer protocol information and monitors the connected application layer protocol status, and implements a special security mechanism through the Server Map table. Which of the following statements about ASPF and Server map table is wrong?

- A. ASPF dynamically creates and deletes filtering rules
- B. ASPF dynamically allows multi-channel protocol data to pass through the Servermap table
- C. The Server-map table entry in the five-tuple realizes a function similar to the session table
- D. ASPF monitors the messages in the communication process

**Answer:** C ([LEAVE A REPLY](#))

**NEW QUESTION: 90**

In dual-link hot backup, AP will establish a CAPWAP link with the main AC and backup AC.

- A. False
- B. True

**Answer:** A ([LEAVE A REPLY](#))

**NEW QUESTION: 91**

The command format of the prefix list (IP-Prefix) is ip ip-prefix ip-prefix-name [index index-number] permit/deny] ipv4-address mask-length [greater-equal greater-equal-value] [less -equal less-equalvalue], if only greater-equal is specified but less-equal is not specified, the prefix range is:

- A. [0. greater-equal-value]
- B. Unlimited
- C. [mask-length, greater-equal-value]
- D. [greater-equal-value.32]

**Answer:** ([SHOW ANSWER](#))

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**NEW QUESTION: 92**

Which of the following scenarios is not suitable for deploying interface policy routing?

- A. In the scenario of multiple ISP outlets in the corporate network, different network segments of the intranet access the Internet through different ISP outlets
- B. On the core switch, draw the traffic from the internal network and external network to the AC device that is connected to the bypass
- C. On the core switch, the traffic of mutual access between the internal network and the external network is dragged to the side-mounted security detection device
- D. Modify the traffic originated locally-hop

**Answer:** D ([LEAVE A REPLY](#))

**NEW QUESTION: 93**

IPv6 link-local addresses can be generated through stateless automatic configuration.

- A. FALSE
- B. TRUE

**Answer:** A ([LEAVE A REPLY](#))

**NEW QUESTION: 94**

What are the traffic statistics methods? (Multiple choice)

- A. Netstream
- B. Port mirroring
- C. SNMP
- D. IP packet count

**Answer:** A,B,C,D ([LEAVE A REPLY](#))

**NEW QUESTION: 95**

Regarding the multicast ASM model and the SSM model, which of the following statements are correct? (Multiple choice)

- A. SSM and ASM use the same multicast address range
- B. SSM directly establishes a multicast forwarding tree between the receiver and the multicast source
- C. In the ASM model, the receiver cannot instruct the location of the multicast source in advance
- D. In the SSM model, the receiver already knows the specific location of the multicast source in advance through other means

**Answer: B,C ([LEAVE A REPLY](#))**

#### **NEW QUESTION: 96**

Which statement is wrong about the VRRP timer? (Multiple choice)

- A. By default, the period of VRRP notification messages is 2 seconds
- B.  $MASTER\_DOWN = (3 * ADVER\_INTERVAL) + Skew\_time$
- C.  $Skew\_Time = (255 - Priority) / 255$
- D. By default, the VRRP preemption delay is 1 second

**Answer: A,C,D ([LEAVE A REPLY](#))**

#### **NEW QUESTION: 97**

In the RSTP protocol, when the network topology changes, the mechanism for responding to changes in the topology is?

- A. Delete the entire MAC address table
- B. Partial deletion of the MAC address table
- C. The MAC table remains unchanged
- D. Modify the lifetime of the MAC address table

**Answer: B ([LEAVE A REPLY](#))**

#### **NEW QUESTION: 98**

What parameters can the DHCPv6 server assign to the DHCPv6 client? (Multiple choice)

- A. STP server address
- B. Gateway address
- C. DNS server address
- D. IPv6 address prefix

**Answer: B,C,D ([LEAVE A REPLY](#))**

#### **NEW QUESTION: 99**

Which of the following BGP attributes are not required to be included in the Update message of BGP routing? (Multiple choice)

- A. Origin
- B. Local-Preference
- C. AS\_PATH

D. MED

Answer: ([SHOW ANSWER](#))

**NEW QUESTION: 100**

The ACL command ac1 [number] ac1-number [ match-order {auto|config}], where ac1-number is used to specify the number of the access control list, and the value range of ac1-number of the basic access control list is ().

A. 3000~3999

B. 0~1000

C. 2000 ~2999

D. 1000~3999

Answer: ([SHOW ANSWER](#))

**NEW QUESTION: 101**

BGP prefers the route with the best Origin attribute value. Origin attribute values are: EGP, IGP, ().

Answer:

incomplete

**NEW QUESTION: 102**

As a network administrator, which of the following protocols can be used for network device configuration? (Multiple choice)

A. SSH

B. NETCONF

C. LLDP

D. SNMP

Answer: A,B,D ([LEAVE A REPLY](#))

**NEW QUESTION: 103**

What is the BFD version number supported by the VRP version?

A. Version 2

B. Version 1

C. version 3

D. Version 4

Answer: ([SHOW ANSWER](#))

**NEW QUESTION: 104**

Which of the following description about AS\_PATH is wrong?

A. BGP not accept AS\_PATH of the present contained AS Number routes

B. AS\_PATH refers to the list of ASs experienced by BGP routing in the transmission path

C. When there are two or more routes to the same destination in the router, the advantages and disadvantages of these routes can be compared with each other through this attribute, and the longer the AS\_PATHA path is super preferred

D. AS\_PATH is a recognized attribute in BGP

**Answer: C (LEAVE A REPLY)**

#### NEW QUESTION: 105

When using a routing policy for route filtering, which routes the prefix of the following options in matching the following IP-Prefix will be denied out? (Multiple choice)

```
[HUAWEI] ip ip-prefix aa index 10 deny 0.0.0.0 24 less-equal 32
```

```
[HUAWEI] ip ip-prefix aa index 20 permit 0.0.0.0 0 less-equal 32
```

A. 1.1.1.1/26

B. 1.1.1.1/24

C. 1.1.1.1/32

D. 1.1.1.2/16

**Answer: A,B,C (LEAVE A REPLY)**

#### NEW QUESTION: 106

OSPF can support multiple network types. Which of the following network types need to elect DR and BDR? (Multiple choice)

A. ROADCAST

B. P2MP

C. NBMA

D. P2P

**Answer: A,C (LEAVE A REPLY)**

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#### NEW QUESTION: 107

Which of the following about the description of the information contained in the OPEN message in the EGP is incorrect?

A. OPEN message contains only BGP message header

B. OPEN message contains local AS number information

C. OPEN message contains VERSION information

D. OPEN message contains Hold time message

Answer: ([SHOW ANSWER](#))

**NEW QUESTION: 108**

About OSPF 's ASBR Summary-LSA information description, which of the following is wrong?

- A. Link State ID indicates the Router ID of ASBR
- B. The Advertising Router fields in the ASBR-Summary-LSA of all areas are the same
- C. Advertising Router represents the ABR 's Router ID
- D. Metric indicates that the ABR to reach the ASBR of OSPF overhead

Answer: B ([LEAVE A REPLY](#))

**NEW QUESTION: 109**

During the operation of DHCP, multiple message types will be exchanged, so which of the following messages are not sent from the client to the server?

- A. DHCP REQUEST
- B. DHCP DISCOVER
- C. DHCP RELEASE
- D. DHCP NAK

Answer: ([SHOW ANSWER](#))

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