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NEW QUESTION: 1

LDP messages are exchanged between LSRs running the LDP protocol. LDP messages can be divided into four types according to their functions. Which of the following is not an LDP message type?

- A. Label exchange messages
- B. Announcement
- C. Conversation message
- D. Discovery

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

NEW QUESTION: 2

In OSPFv3, the LSA whose propagation range is an area has () types. (Fill in Arabic teaching characters only)

Answer:

129

NEW QUESTION: 3

By default, which of the following secure MAC address types will be lost after the device restarts?

- A. Secure static MAC address
- B. Black hole MAC address
- C. Sticky MAC address
- D. Secure dynamic MAC address

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

NEW QUESTION: 4

Traditional BGP4 can only manage IPv4 unicast routing information. In order to provide support for multiple network layer protocols, MP-BGP extends BGP-4.

MP-BGP uses address families to distinguish different network layer protocols. Which of the following address families are currently supported? (Multiple choice)

- A. BGP-MP instance IPv6 address family
- B. BGP-VPNv4 address family
- C. BGP-IPv6 unicast address family
- D. BGP-IPv4 broadcast address family

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

NEW QUESTION: 5

According to this picture, what can we know? (Multiple choice)

```
<R1>tracert 172.17.1.5

 1 10.1.12.2 40 ms 10 ms 10 ms
 2 10.1.24.2 30 ms 20 ms 20 ms
 3 10.1.34.1 20 ms 20 ms 20 ms
 4 10.1.13.1 20 ms 20 ms 10 ms
 5 10.1.12.2 20 ms 30 ms 20 ms
 6 10.1.24.2 30 ms 30 ms 30 ms
 7 10.1.34.1 50 ms 40 ms 40 ms
 8 10.1.13.1 20 ms 30 ms 30 ms
 9 10.1.12.2 50 ms 40 ms 40 ms
```

- A. R1 accesses the path of 172.17.1.5 without any problems

- B. R1 has a route to 172.17.1.5
- C. R1 does not access the route of 172.17.1.5
- D. R1 access 172.17.1.5 has a loop

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

NEW QUESTION: 6

In an MPLS domain, LSR can be divided into Ingress LSR, Transit LSR and Egress LSR according to the way the LSR processes data. For the same FEC, a certain LSR can be the Ingress LSR of the FEC or the Transit LSR of the FEC.

- A. FALSE
- B. TRUE

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

NEW QUESTION: 7

If the Sticky MAC function of the interface is enabled, what is the number of MAC addresses learned by the interface by default?

- A. 5
- B. 15
- C. 10
- D. 1

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 8

After configuring the VLAN-based MAC address drift detection function, if the MAC address drifts, you can configure the actions of the interface according to your needs.

Which of the following is not a configurable action?

- A. Interface blocking
- B. Flow filtering
- C. Send alert
- D. MAC address blocking

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

NEW QUESTION: 9

Regarding the difference between NSR and NSF, which one is correct?

- A. NSR must rely on neighbor routers to complete
- B. Both NSR and NSF need neighbor routers to complete
- C. NSF does not need neighbor routers to complete
- D. NSF must rely on neighbor routers to complete

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

NEW QUESTION: 10

The Router ID of OSPFv3 needs to be configured in dotted decimal notation with a length of 128bits.

- A. TRUE
- B. FALSE

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

NEW QUESTION: 11

Regarding the description of the MPLS forwarding mechanism, which of the following is correct? (Multiple choice)

- A. The system automatically assigns an ID to the upper-layer application that uses the tunnel, also known as Tunnel ID
- B. When an IP packet enters the MRLS domain, the FIB table is the first to be checked
- C. If the Tunnel ID value is not 0x0, and then enter the normal IP forwarding process
- D. If the Tunnel ID value is 0x0, and then enter the MPLS forwarding process

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

NEW QUESTION: 12

The network administrator A wants to use the IP Prefix List to match specific routing entries. Which of the following routes will be matched by the IP Prefix List? (Multiple choice)

- A. 10.0.0.1/30
- B. 10.0.2.0/24
- C. 10.0.1.0/24
- D. 10.0.0.0/24

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

NEW QUESTION: 13

Which of the following commands can be used to view BGP VPNv4 routing and BGP private network routing information on PE?

- A. display vpnv4 bgp routing-table
- B. display bgp routing-table ipv4-family vpnv4
- C. display bgp vpnv4 routing-table
- D. display bgp routing-table address-family vpnv4

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

NEW QUESTION: 14

Compared with the OSPFv2 message header, what fields are added in the OSPFv3 message header?

- A. Link ID
- B. Instance ID
- C. IPV6 Auth Type
- D. IPV6 Router ID

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

NEW QUESTION: 15

According to this picture, we can judge:

```
<R3>display ipv6 routing-table protocol isis
... ..
Destination : 2082:EDFC:DDCC::B824:0      PrefixLength : 127
NextHop      : FE80::2E0:FCFF:FE45:6A3E    Preference   : 15
Cost         : 20                          Protocol     : ISIS-L1
Interface    : GigabitEthernet0/0/0        Flags        : D
HUAWEI
Destination : 2082:EDFC:DDCC::B891:0      PrefixLength : 127
NextHop      : FE80::2E0:FCFF:FE50:406F    Preference   : 15
Cost         : 20                          Protocol     : ISIS-L2
Interface    : GigabitEthernet0/0/1        Flags        : D
```

- A. Unable to determine the device type of R3
- B. The device type of R3 must be Level-2
- C. The device type of R3 must be Level-1-2
- D. The device type of R3 must be Level-1

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

NEW QUESTION: 16

OSPFv2 is an IGP running on an IPv4 network, OSPFv3 is an IGP running on an IPv6 network. OSPFv3 and OSPFv2 have the same message types, including Hello messages, DD messages, LSU messages, LSU messages and SACK messages.

Regarding OSPFv3 packets, which of the following statements is correct?

- A. The Hello packet of OSPFv3 carries the IPv6 address prefix list of the router interface
- B. OSPFv3 uses the authentication field in the header of the message to complete message authentication
- C. OSPFv3 uses IPv6 multicast addresses FF02::5 and FF02::6 to send OSPFv3 packets
- D. OSPFv3 uses the link-local address as the source address of the sent message, and the message can be forwarded outside the range of the originating link

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

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NEW QUESTION: 17

According to this picture, what can we judge? (Multiple choice)

```
<R4>display isis lsdb
Database information for ISIS(1)
Level-1 Link State Database
LSPID                Seq Num  Checksum  Holdtime  Length  ATT/P/OL
ee8c.a0c2.baf2.00-00  0x00000009  0x4c44    1159      83      1/0/0
ee8c.a0c2.baf2.02-00  0x00000001  0x23b3    815       54      0/0/0
ee8c.a0c2.baf3.00-00  0x0000000c  0x462f    1187      83      1/0/0
ee8c.a0c2.baf3.01-00  0x00000001  0x2ea7    1082      54      0/0/0
ee8c.a0c2.baf4.00-00* 0x00000004  0x8af5    1083      103     0/0/0
<R4>
```

- A. There must be an LSDB of Leve1-2 on R1
- B. R1's GE0/0/0 must have the Leve1-2 capability
- C. R1 has 2 IS-IS neighbors
- D. R1's GE0/0/1 must have Leve1-2 capability

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

NEW QUESTION: 18

An enterprise purchased the leased lines of two operators. In order to optimize the route, the enterprise used the 6GP protocol to learn routing entries of the two operators. However, the company found that after such a configuration, the traffic of the export routing increased greatly. After the network engineering investigation, it was found that the traffic of the two operators was passed to each other through the company's export router.



```

bgp 300
peer 10.1.1.1 as-number 1000
peer 10.1.1.1 as-path-filter AS1000 export
peer 20.1.1.1 as-number 2000
peer 20.1.1.1 as-path-filter AS2000 export
ip as-path-filter AS1000 deny _2000_
ip as-path-filter AS1000 permit .*
ip as-path-filter AS2000 deny _1000_
ip as-path-filter AS2000 permit .*
  
```

Therefore, the company intends to use routing strategies to prevent the traffic between different operators from passing each other. Is the configuration in the figure correct?

- A. TRUE
- B. FALSE

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

NEW QUESTION: 19

What is the Router-ID of OSPFv3?

- A. 64-bit value
- B. 32-bit value
- C. 128-bit value
- D. 100-bit value

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

NEW QUESTION: 20

Configure ipv6 preference in IS-IS protocol view. The function of this command is to configure the preference of IPv6 routes generated by IS-Is protocol.

- A. TRUE
- B. FALSE

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

NEW QUESTION: 21

According to this picture, what can we judge? (Multiple choice)

```

[R1] > display bgp ipv6 routing-table
Total Number of Routes: 2
HUAWEI
>i Network : 3002::3                               PrefixLen : 128
NextHop : 3000:FDEA::3                             LocPrf : 100
MED : 0                                             PrefVal : 0
Path/Ogn : i

>i Network : 3002::4                               PrefixLen : 128
NextHop : 3000:FDEA::3                             LocPrf : 100
MED : 0                                             PrefVal : 0
Path/Ogn : 65001

```

- A. R1 does not have routes of 3002::3/128 and 3002::4/128
- B. If the routing policy on AS_Path is not configured, then 3002::4/128 must not originate from AS 65001
- C. If the routing policy on AS_Path is not configured, then 3002::4/128 must originate from AS 65001
- D. R1 has routes of 3002::3/128 and 3002::4/128

Answer: C,D (LEAVE A REPLY)

NEW QUESTION: 22

What is the purpose of configuring LSP fragmentation for IS-IS equipment?

- A. Make the device unable to establish IS-IS neighbors
- B. Make the device unable to learn IS-IS routing information
- C. Allow the device to support more IS-IS routing entries
- D. No practical purpose

Answer: C (LEAVE A REPLY)

NEW QUESTION: 23

Display interface GE0/0/0 once, and find that the Total Error count (the total number of error packets on the physical layer of the interface) is not 0. At this point, it can be concluded that the current fault has not disappeared.

- A. FALSE
- B. TRUE

Answer: B (LEAVE A REPLY)

NEW QUESTION: 24

BGP4+ carries the next hop address of the IPv6 route through the Next Hop attribute in the Update message.

- A. TRUE
- B. FALSE

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 25

According to this figure, it can be known that in VLAN300, 0 MAC drift occurred by 00e0-fc3d-3bdb from 17:22:38 to 17:22:44 on 2020-06-04.

```
<S1> display mac-address flapping record begin 2020/06/04 09:00:00
S : start time
E : end time
-----
Move-Time          VLAN   MAC-Address      Original-Port  Move-Ports  MoveNum
-----
S:2020-06-04 17:22:38  300    00e0-fc3d-3bdb  Eth-Trunk2    Eth-Trunk1    5
E:2020-06-04 17:22:42
```

- A. 300
- B. 65535
- C. 1
- D. 5

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 26

In the intra-domain MPLS VPN network, when the data packet enters the public network and is forwarded, it will be encapsulated with two layers of MPLS labels. Regarding the description of the two layers of labels, which of the following options is wrong?

- A. The outer label is used to correctly send the data packet to the corresponding VPN on the PE device
- B. The outer label of MPLS VPNE is called the private network label, and the inner label is called the public network label.
- C. The outer label of MPLS VPN is allocated by the LDP protocol or statically, and the inner label is allocated by the MP-BGP neighbor at the correct end.
- D. By default, the outer label is singled out before the packet is forwarded to the last hop device

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

NEW QUESTION: 27

Which of the following statements about the freeway of LDP label retention is correct? (Multiple choice)

- A. Only keep labels from next-hop neighbors, discard all labels sent by non-next-hop neighbors
- B. Need more memory and label space
- C. Keep all labels distributed by neighbors
- D. Save memory and label space

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

NEW QUESTION: 28

In BGPIMPLS IP VPN, if the OSPF protocol is used to exchange routing information between PE and CE, the domain identifier (Domain ID) is used to distinguish whether the routes imported in the VPI instance are from the same OSPF domain.

- A. TRUE
- B. FALSE

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

NEW QUESTION: 29

Which of the following reasons may cause the hosts in the same VLAN of the LAN to fail to communicate? (Multiple choice)

- A. Wrong port and MAC address binding is configured on the switch
- B. Port isolation is configured on the switch
- C. The interface is manually shut down or the physical interface is damaged
- D. Switch MAC address learning error

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

NEW QUESTION: 30

How to view log information? (Multiple choice)

- A. Log in to the device and view it through the display log
- B. Transfer the log file under flash:/logfile/ to the PC via FIP/TFTP
- C. View the interface of the network management system
- D. There is no way

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

NEW QUESTION: 31

OSFFv2 is an IGP running on an IPv4 network: OSPFV3 is an IGP running on an IPv6 network. Compared with OSPFv2, SPFV3 has a similar LSA type, but the function is slightly different. Which of the following is not included in the LSA type of OSPFv3?

- A. Router-LSA
- B. AS-External-LSA

- C. Network-LSA
- D. ASBR-Summary-LSA

Answer: ([SHOW ANSWER](#))

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NEW QUESTION: 32

OSPF is deployed in a small and medium-sized network. When checking the routing table of a certain device, it is found that there are only direct routes. Which operation is unlikely to cause the fault?

- A. Routing protocol configuration error
- B. Port address configuration problem
- C. The configured user authority is too low
- D. The routing policy is incorrectly configured

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

NEW QUESTION: 33

What is the flooding scope in OSPFv3 for the LSA in the entire autonomous system?

- A. Link-LSA
- B. Intra-Area-Prefix-LSA
- C. As-external-LSA
- D. Inter-Area-Prefix-LSA

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

NEW QUESTION: 34

Regarding BGP/MPLS IPVPN routing interaction, which of the following descriptions is wrong?

- A. The ingress PE changes the IPv4 route received from CE to VPNv4 route, and saves it according to different VPN instances
- B. The egress PE can send IPv4 routes to the remote CE through BGP, IGP or static routing
- C. The exchange between PE and CE is IPv4 routing information
- D. After the egress PE receives the VPNv4 route advertised by the ingress PE, it filters the VPNv4 route according to the RT attribute carried by the route

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

NEW QUESTION: 35

Which of the following description of the configuration on this switch is correct? (Multiple choice)

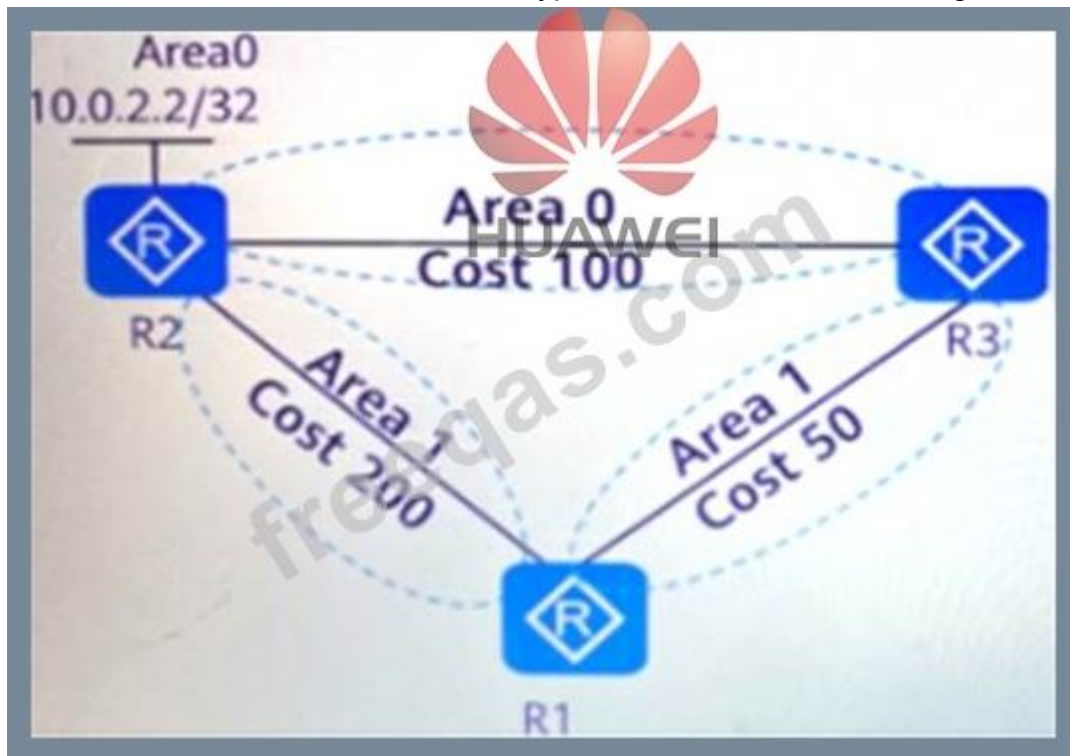
```
[Huawei]dhcp enable
[Huawei]interface Vlanif 100
[Huawei-Vlanif100]dhcp select relay
[Huawei-Vlanif100]dhcp relay server-select dhcpgroup1
```

- A. The VANIF100 interface will send the received DHCP messages to the external DHCP Server through the relay
- B. First, you need to create a DHCP server group and add a DHCP server to the server group
- C. To configure the DHCP server and DHCP relay, DHCP must be enabled globally
- D. Specify the DHCP server group as dhcpgroup1 for the VLAN100 interface

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

NEW QUESTION: 36

As shown in the figure, the cost value of the link that all interfaces of the router enable OSPF is identified in the figure. Loogback0 interfect of R2 is advertised in area 0. In area 1, both R2 and R3 will be transmitted in the form of Typae3 LSA 10.0.2.2/32 routing information.



- A. FALSE
- B. TRUE

Answer: B (LEAVE A REPLY)

NEW QUESTION: 37

If you are faced with a complex network failure, and after evaluation, it is considered that the troubleshooting cannot be completed in a short time, and at this time the user urgently needs to restore the availability of the network, then which is the correct approach?

- A. Tell users that this is impossible
- B. Always try to troubleshoot, and do not inform users of the current difficulty of troubleshooting
- C. Communicate with users whether it is possible to skip the faulty node and build an alternative network environment
- D. Directly build an alternative network environment without notifying the customer

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

NEW QUESTION: 38

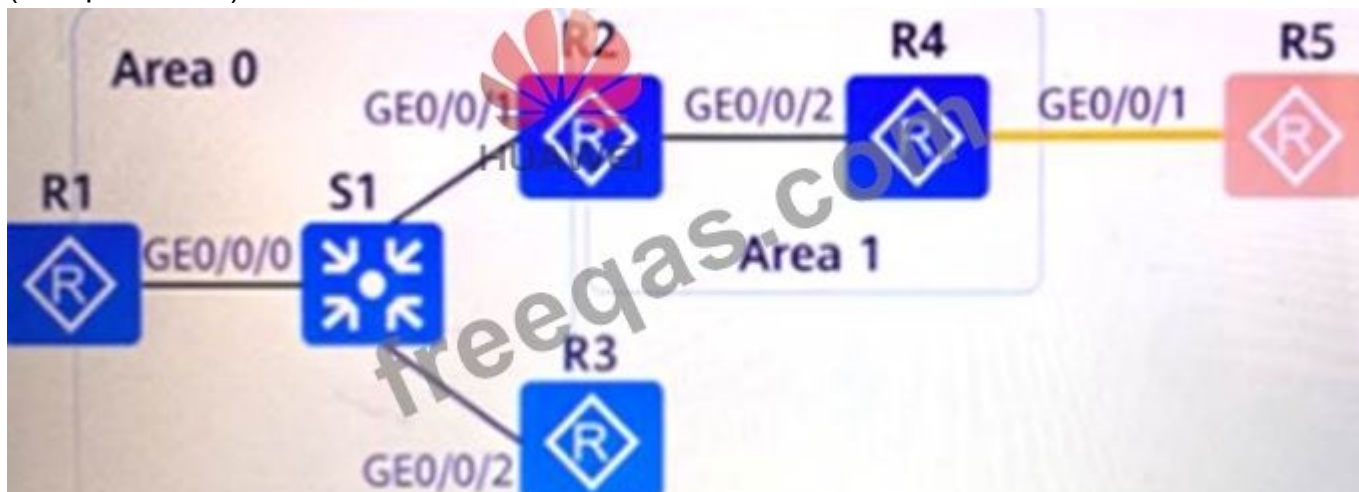
In BGP/MPLS IP VPN, the OSPF multi-instance process uses the DN bit to prevent Type5 LSA loops.

- A. FALSE
- B. TRUE

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

NEW QUESTION: 39

A park deployed IPv6 for business testing. There are 4 routers (R1, R2, R3 and R4) in this network, running OSPFv3 to realize the interconnection of IPv6 network. There is a new router R5 that needs to be connected to the network for testing. An engineer introduced a direct route in the OSPFv3 process of R4 to realize that the devices in the campus network can access the GE0/0/1 port address of R5. Which of the following descriptions of the scene are correct? (Multiple choice)

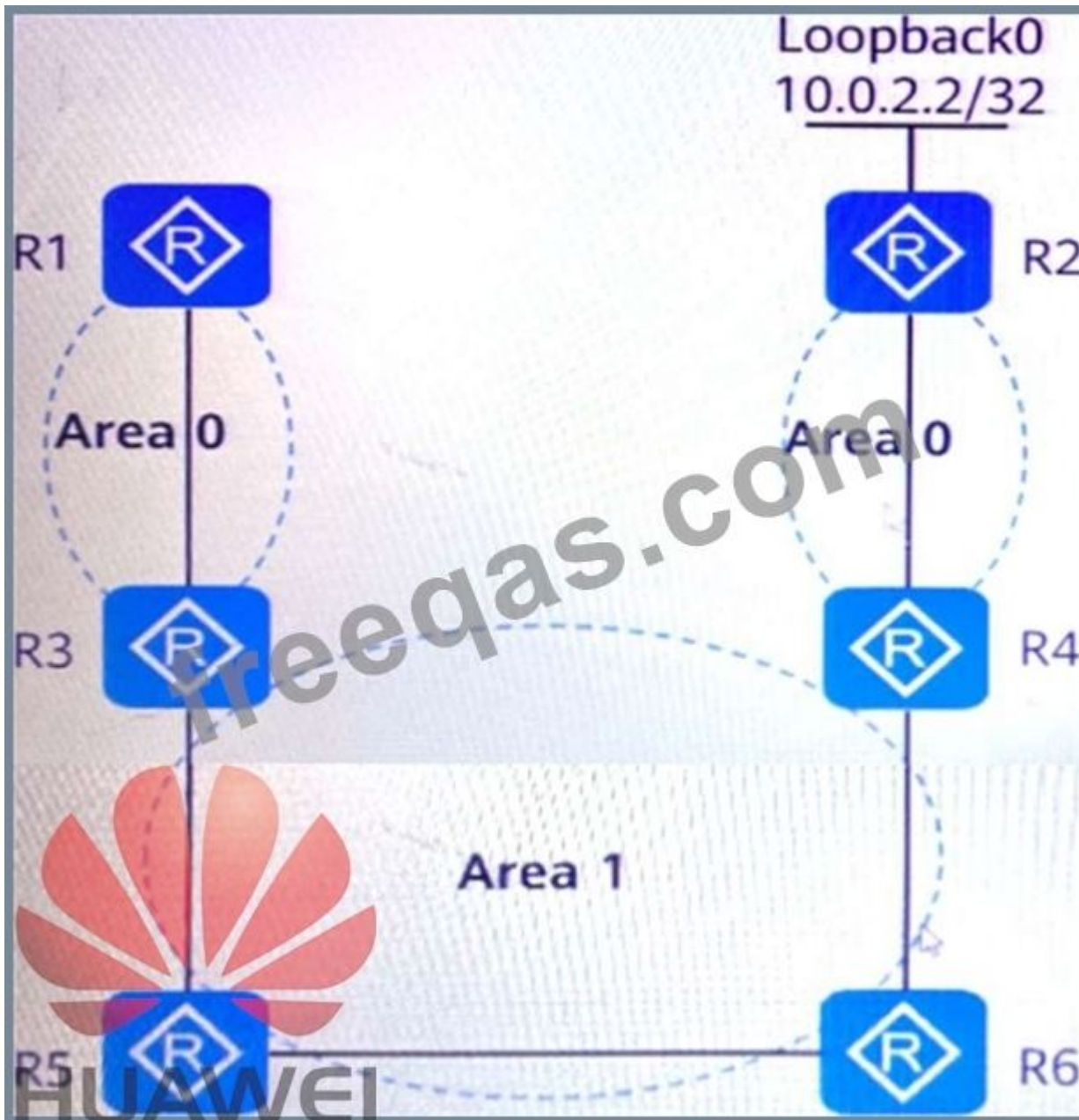


- A. R4 will generate an IPv6 routing prefix introduced by Type5 LSA description
- B. R2 will generate a Type4 LSA describing the Router ID of R4
- C. R2 will generate a Type4 LSA and only flood in Area 0
- D. R4 will generate a Type5 LSA and only flood in Area 1

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

NEW QUESTION: 40

As shown in the figure, all interfaces of the router enable OSPF. Which of the following statements is correct?



- A. The Type3 LSA generated by R2 in area 0 contains 10.0.2.2/32 routing information
- B. The Type5 LSA generated by R2 in area 0 contains 10.0.2.2/32 routing information
- C. The Type1 LSA generated by R2 in area 0 contains 10.0.2.2/32 routing information
- D. The Type2 LSA generated by R2 in area 0 contains 10.0.2.2/24 routing information

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

NEW QUESTION: 41

Which of the following aspects should be considered in the cutover risk assessment? (Multiple choice)

- A. Scope of risk impact
- B. Loss caused by risk
- C. Location of key risk points

D. Time of risk impact

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

NEW QUESTION: 42

As shown in the figure, MPLS/BGP IPVPN is deployed in the network. The MP-BGP neighbor relationship is established between PE1 and PE2 through the LoopbackD interface. After the configuration is completed, it is found that CE1 and CE2 cannot learn routes from each other. Use the command on PE2 to query neighbor information as shown in the figure. What is the most likely cause of the problem?



A. The routing protocol configuration between PE1 or PE2 and the respective CE is incorrect

B. PE1 and PE2 are not enabled with neighbors in the BGP-VPN4 unicast address family view

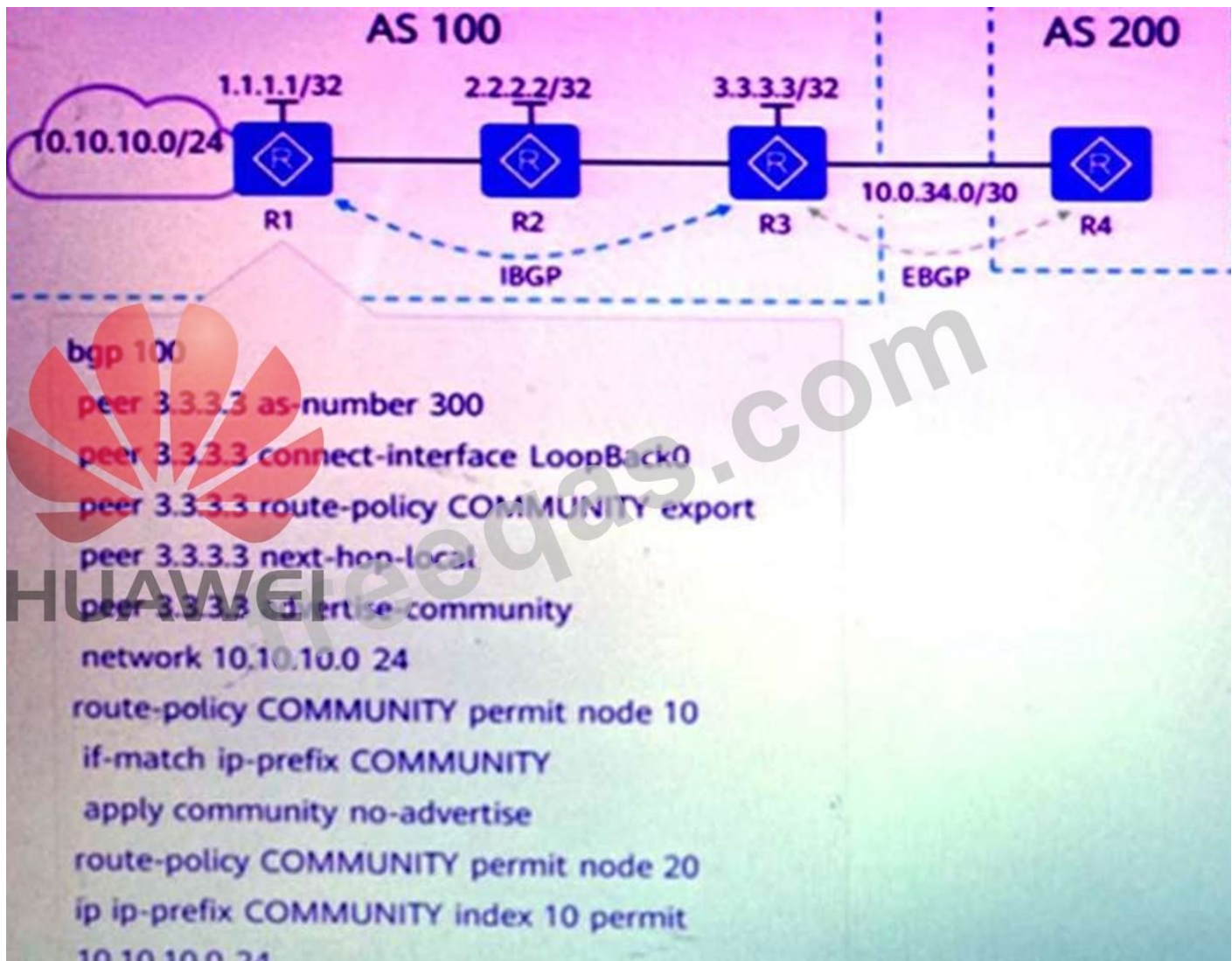
C. The LSP tunnel between PE1 and PE2 is not established

D. The VPN instance parameters on PE1 or PE2 are incorrectly configured

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

NEW QUESTION: 43

Assuming that the neighbor relationship between BGP routers has been established successfully, the configuration on R1 is as shown in the figure.



Which router can the route entry 10.10.10.0/24 advertised by R1 be delivered to?

- A. R3
- B. R4
- C. R2
- D. R1

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 44

What is the meaning of ipv6 enable topology ipv6 in IS-IS protocol view?

- A. SPF calculation is performed separately in the topology of IPv4 and Ipv6
- B. Doesn't have any meaning
- C. Does not support IPv6 SPF calculation
- D. IPv4 and IPv6 use the same topology for SPF calculation

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

NEW QUESTION: 45

Which of the following statements about MUX VLAN are correct? (Multiple choice)

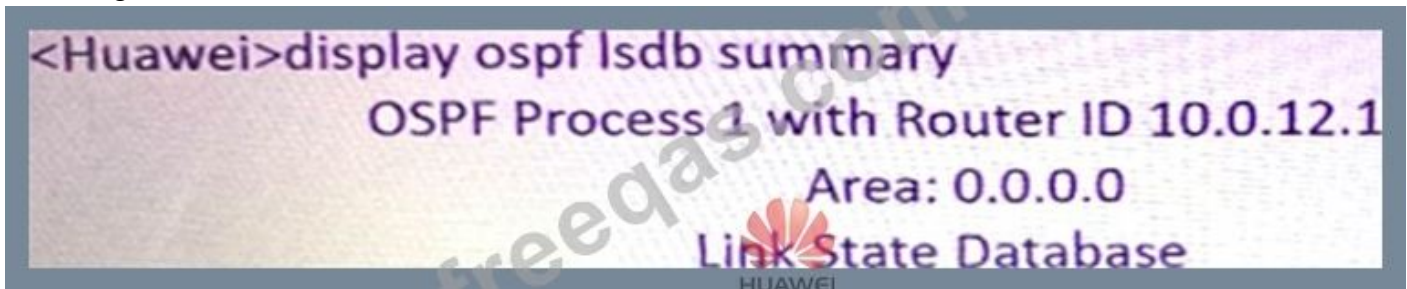
- A. Principal VLAN can communicate with all VLANs in MUX VLA

- B. Each Separate VLAN must be bound to a Principal VLAN
- C. Separate VLAN can communicate with all VLANs in MUX VLAN
- D. Each Group VLAN must be bound to a Principal VLAN

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

NEW QUESTION: 46

A router is running OSPF, and the output information is as shown in the figure. Which of the following statements is correct?



```
Type      : Sum-Net
Ls id     : 10.0.23.0
Adv rtr   : 10.0.12.2
Ls age    : 61
Len       : 28
Options   : E
seq#      : 80000001
chksum    : 0x3ae8
Net mask  : 255.255.255.0
Tos 0    metric: 1
Priority  : Low
```

A. This device is ABR

B. The type of the LSA is AS-externa1-LSA

- C. The LSA in the figure is generated by this router
- D. The destination network described by this LSA is 10.0.23.0/24

Answer: ([SHOW ANSWER](#))

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NEW QUESTION: 47

In the process of daily troubleshooting, engineers may need to check some alarm information of the device.

Turn on the debugging/log/alarm information sent by the terminal display information center by executing the terminal () command.

(Please use English lowercase letters to complete the command, and the command cannot be abbreviated)

Answer:

monitor

NEW QUESTION: 48

IS-IS supports multi-instance and multi-process, that is, on an IS-IS router. You can configure multiple VPN instances to be associated with multiple IS-IS processes.

Which of the following descriptions about IS-IS multi-instance and multi-process are correct?

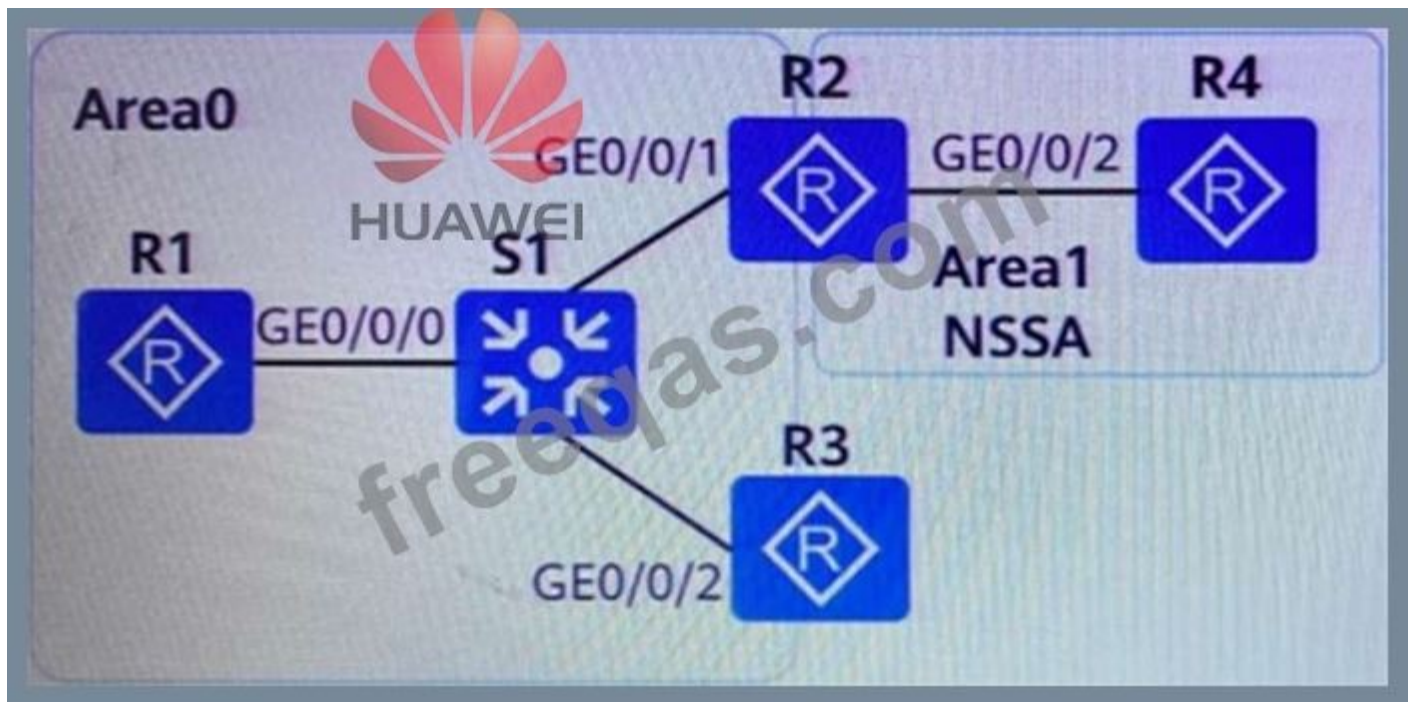
(Multiple choice)

- A. One IS-IS process can only be associated with one VPN instance
- B. One IS-IS process can be associated with multiple different VPN instances
- C. A VPN instance can be associated with multiple different IS-IS processes
- D. If an IS-IS router creates multiple IS-IS processes, each process does not affect each other and is independent of each other

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

NEW QUESTION: 49

As shown in the figure, OSPF is deployed in a campus, and Area 1 is deployed as an NSSA area. By default, R2 will automatically generate a Type 7 LSA default route and flood it in the NSSA area.



A. FALSE

B. TRUE

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

NEW QUESTION: 50

If the display current-configuration can reach the IS-IS configuration, but there is no IS-IS configuration in the display saved-configuration, what does it mean?

A. No IS-IS command is entered

B. The IS-IS configuration that the Flash is running is not saved to the memory

C. The running IS-IS configuration in the memory has been saved to the Flash

D. The running IS-IS configuration of the memory is not saved to the Flash

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

NEW QUESTION: 51

According to this picture, what can we judge? (Multiple choice)

```
<R1>display isis interface


Interface information for ISIS(1)
-----
                                HUAWEI
Interface    Id    IPV4.State  IPV6.State  MTU  Type  DIS
GE0/0/0     001    Up          Up          1497 L1/L2 No/N
GE0/0/1     002    Up          Up          1497 L1/L2 No/N
Loop0       001    Up          Up          1500 L1/L2 --
```

- A. The IS-IS interface type of the GE0/0/0 interface of R1 is Level-1-2
- B. IS-IS IPv6 is not enabled on GE0/0/1 of R1
- C. IS-IS IPv6 is enabled on GE0/0/0 of R1
- D. The IS-IS interface type of GE0/0/1 of R1 is Leve-1

Answer: A,C (LEAVE A REPLY)

NEW QUESTION: 52

Network administrator A wants to check the neighbor status of BGP router R2. R2's BGP neighbor status information is shown in the figure. Please help network administrator A to obtain the following information: The AS where R2 is located is AS (). (Note: Only write numbers, do not add punctuation or spaces)



```

[R2]display bgp group in
BGP peer-group: in
Remote AS: 102
Authentication type configured: None
Type : internal
Configured hold timer value: 180
Keepalive timer value: 60
Connect-retry timer value: 32
Minimum route advertisement interval is 15 seconds
Connect-interface has been configured.
PeerSession Members:
10.1.3.3 10.1.4.4 10.1.5.5
Peer Preferred Value: 0
No routing policy is configured
Peer Members:
Peer      V  AS  MsgRcvd  MsgSent  OutQ  Up/Down  State  PrefRcv
10.1.3.3  4 102    5        7        0   00:03:33  Established  10
10.1.4.4  4 102    5        6        0   00:03:11  Established   5
10.1.5.5  4 102    4        6        0   00:02:52  Established   2

```

Answer:

102

NEW QUESTION: 53

When a fault occurs, the fault can be classified to reduce the scope of fault location. Which of the following is not an interface configuration fault?

- A. Inconsistent interface authentication
- B. The receiving and emitting power of both ends is inconsistent
- C. IP address conflict
- D. The duplex modes of the interfaces on both ends are inconsistent

Answer: (SHOW ANSWER)

NEW QUESTION: 54

Which of the following will not cause the VRRP backup group to oscillate?

- A. The VRRP backup group preemption delay configuration on both ends is inconsistent
- B. Backup device interface packet loss
- C. The time interval of notification messages is too small
- D. The link that transmits VRRP notification packets flaps

Answer: A (LEAVE A REPLY)

NEW QUESTION: 55

Network administrator A wants to use AS-Path Fiter to match routing entries with the BGP routing attribute AS_PATH [100 200 300]. Network administrator A sorts out the four configurations in the figure. Which of the following configurations can satisfy the network administrator A's requirement? (Multiple choice)

Method	Config
A	ip as-path-filter TEST permit 100 200 300
B	ip as-path-filter TEST permit _300\$
C	ip as-path-filter TEST permit ^[^100]
D	ip as-path-filter TEST permit *.

- A. Method B
- B. Method A
- C. Method D
- D. Method C

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 56

MPLS has always been slower than IP forwarding.

- A. FALSE
- B. TRUE

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

NEW QUESTION: 57

Regarding the difference between NSR and NSF, which one is correct?

- A. NSF does not need neighbor routers to complete
- B. NSR must rely on neighboring routers to complete
- C. NSF must rely on neighbor routers to complete
- D. Both NSR and NSF need neighbor routers to complete

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

NEW QUESTION: 58

A certain park deployed IPv6 for service testing. At the initial stage of deployment, engineers wanted to achieve network interoperability through Pv6 static routing. When creating IPv6 static routes. You can specify both the outgoing interface and the next hop, or only the outgoing interface or only the next hop.

- A. FALSE
- B. TRUE

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

NEW QUESTION: 59

What is the default aging time of the MAC address table of Huawei switches in seconds?

- A. 300
- B. 5
- C. 400
- D. 500

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

NEW QUESTION: 60

OSPF is deployed in a campus to realize network interoperability. The L SDB of R2 is shown in the figure. What information can be derived from this LSDB? (Multiple choice)

The figure shows a network topology and the OSPF Link State Database (LSDB) for Router R2. The network consists of three areas: Area 0, Area 1, and Area 2. Area 0 contains R1 and S1. Area 1 contains R2, R3, R4, and R5. Area 2 contains R3 and R5. R2 is connected to R4 and R3. The LSDB output for R2 is as follows:

```
[R2]display ospf lsdb
OSPF Process 1 with Router ID 10.1.123.2
Link State Database
Area: 0.0.0.0
Type      LinkState ID  AdvRouter  Age  Len  Sequence  Metric
Router    10.1.123.3    10.1.123.3  792  36   80000009  1
Router    10.1.123.2    10.1.123.2  541  36   8000000F  1
Router    10.1.123.1    10.1.123.1  797  36   8000000B  1
Network   10.1.123.1    10.1.123.1  797  36   80000008  0
Sum-Net   10.1.35.0     10.1.123.3  788  28   80000005  1
Sum-Net   10.1.24.0     10.1.123.2  46   28   80000006  1

Area: 0.0.0.1
Type      LinkState ID  AdvRouter  Age  Len  Sequence  Metric
Router    10.1.24.4     10.1.24.4   2    36   80000005  1
Router    10.1.123.2    10.1.123.2  1    36   80000004  1
Network   10.1.24.2     10.1.123.2  2    32   80000001  0
NSSA      0.0.0.0       10.1.123.2  46   36   80000001  1

AS External Database
Type      LinkState ID  AdvRouter  Age  Len  Sequence  Metric
External  0.0.0.0       10.1.123.2  541  36   80000005  1
```

- A. R2 has issued a default route in the OSPF process
- B. Area 1 is an NSSA area
- C. R2 converts the default route of Type7 LSA to the default route of Type5 LSA
- D. There is no Type3 LSA in Area1, it may be that the outbound direction of R2 in Area1 is correct. Type3 LSA is filtered

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

NEW QUESTION: 61

Which of the following role of Link-LSA in OSPFv3 not include?

- A. Advertise the link-local address of this interface to other routers on the link
- B. Advertise the interface ID of this router to other routers on the link
- C. Noon time to Tiandikou on other roads on the link-
- D. Notify other routers on the link of the options set in the Network-LSA originating from this link

Answer: ([SHOW ANSWER](#))

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NEW QUESTION: 62

Which description is correct about the MPLS forwarding mechanism? (Multiple choice)

- A. If the Tunnel ID value is 0x0, enter the MPLS forwarding process
- B. If the Tunnel ID value is not 0x0, enter the normal IP forwarding process
- C. The system automatically assigns an ID to the upper-layer application that uses the tunnel, also known as Tunnel ID
- D. When an IP packet enters the MRLS domain, the FIB table is the first to be checked

Answer: (SHOW ANSWER)

NEW QUESTION: 63

Please sort by the cutover execution steps.

- A. After the cutover is completed, observe the status of the network on the new device
- B. After ensuring the normal business operation of the new equipment, the old equipment goes offline
- C. Cut over business from old equipment to new equipment
- D. Perform business inspections on new equipment
- E. Install new equipment and configure

Answer: (SHOW ANSWER)

NEW QUESTION: 64

As shown in the figure, all interfaces of the router enable OSPF. The ip address identified in the figure is the IP address of the device's Loopback 0 port. R1, R2, R3EJLoopbacD are advertised in area 1, and Loopbacfk D of R4 is advertised in area D, the Loopback D of R5 is advertised in area 2. Which of the following addresses can ping each other?



- A. 10.0.3.3 and 10.0.5.5
- B. 10.0.2.2 and 10.0.5.5
- C. 10.0.2.2 and 10.0.3.3
- D. 10.0.4.4 and 10.0.2.2

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

NEW QUESTION: 65

In an operator's MPLSVPN network, there are two devices, PE1 and PE2, for MPLSVPN data forwarding. PE1 receives a 172.16.1.0/24 private network route from the client, and transforms it into a VPNv4 route on PE1 and assigns labels. Released to PE2 as 1027. The outgoing label of the MPLSLSR-ID from PE2 to PE1 is 1025.

When the client on PE2 accesses 172.16.1.0/24, the inner and outer labels of the frame sent by PE2 should be the combination of the following options?

- A. Outer label: 1027, inner label: 1025
- B. Outer label: 1027, inner label: 1027
- C. Outer label: 1025, inner label: 1027
- D. Outer label: 1025, inner label: 1025

Answer: (SHOW ANSWER)

NEW QUESTION: 66

Which of the following commands can be used to view BGP VPNv4 routing and BGP private network routing information on the PE?

- A. display bgp routing-table address-family vpnv4
- B. display vpnv4 bgp routing-table
- C. display bgp vpnv4 routing-table
- D. display bgp routing-table ipv4-family vpnv4

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

NEW QUESTION: 67

Regarding BGP/MPLS IPVPN data forwarding, which of the following description is wrong?

- A. The outer label during data forwarding can be allocated by LDP

- B. The inner label during data forwarding is assigned by MP-BGP
- C. When data is transmitted on the BCP/MPLS IP VPN backbone network, it always carries two layers of labels
- D. The data sent by the PE to the CE is an IPv4 packet

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

NEW QUESTION: 68

When configuring the DHCP Relay function on the device, the VLANIF interface of the relay connected to the client must be bound to the DHCP server group, and the bound DHCP server group must be configured with the proxy DHCP server IP address.

- A. FALSE
- B. TRUE

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 69

Regarding the label space of MPLS, which of the description is wrong?

- A. If the outgoing label value is 0, the router will directly discard the packet
- B. When the penultimate hop LSR performs label switching, if the value of the label after the exchange is found to be 3, the label will be ejected by default and the packet will be sent to the last hop
- C. 1024 or more is the label space shared by dynamic signaling protocols such as LDP, RSVP-TE, MP-BGP, etc.
- D. 16~1023 is the label space shared by static LSP and static CR-LSP

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

NEW QUESTION: 70

Which of the following is not part of the preliminary preparations for the cutover plan?

- A. On-site defense
- B. Cutover target
- C. Risk assessment
- D. Introduction to the current network

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

NEW QUESTION: 71

In order to speed up the perception of link failures in the IS-IS network, IS-IS can be linked with BFD.

- A. TRUE
- B. FALSE

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

NEW QUESTION: 72

After executing reset isis all, the IS-IS protocol process needs to be restarted and neighbors need to be re-established, and various IS-IS statistics will not be cleared.

A. FALSE

B. TRUE

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

NEW QUESTION: 73

To ensure security, authentication can be configured in the OSPFv3 process area view.

A. FALSE

B. TRUE

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 74

Regarding the role of ping and tracert, which of the following statements is correct?

A. Ping verifies the reachability from the local end to the opposite end, it does not mean that the opposite end is always reachable to the local end

B. Ping detects the two-way reachability between the correct end and the one-way icmp echo request packet

C. Tracert has the same function as ping, but the name is different

D. Tracert must be able to trace every hop IP address from source to destination

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

NEW QUESTION: 75

MPLS is called multi-protocol label switching. Regarding the label description in MPLS, which of the following is correct? (Multiple choice)

A. MPLS supports single-layer labels as well as multi-layer labels

B. A label is an identifier with a fixed length and only local meaning, which is used to uniquely identify the FEC to which a group belongs

C. MPLS system has a variety of label publishing protocols, such as LDP is a label publishing protocol

D. The label is carried by the header of the MIPLS message and has a global meaning, that is, the label value of all routers cannot be repeated

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

NEW QUESTION: 76

In the VLAN aggregation technology, multiple Sub-VLANs are used to isolate the wide recruitment area, and these Sub-VLANs are aggregated into a logical Super-VLAN. A company divides different departments into different Sub-VLANs because of the Sub-VLAN. VLAN not only includes physical connections, but also can establish a three-layer VLANIF interface, which can directly communicate with the external network on the three-layer.

A. TRUE

B. FALSE

Answer: ([SHOW ANSWER](#))

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NEW QUESTION: 77

Which of the following descriptions is correct about configuring static LSP in MPLS network? (Multiple choice)

- A. When a certain LSR is an Egress LSR, only In Label needs to be configured, the range is 16~1023
- B. When an LSR is an Ingress LSR, only Out Label needs to be configured, ranging from 16 to 1048575
- C. When a certain LSR is a Transit LSR, In Label and Out Label need to be configured at the same time, the range is 16~1023
- D. When a certain LSR is a Transit LSR, In Label and Out Label need to be configured at the same time, the range of In Label is 16~1023, and the range of Out Label is 16~1048575

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

NEW QUESTION: 78

Which packets can Huawei devices perform traffic suppression for? (Multiple choice)

- A. Unknown unicast
- B. Multicast
- C. Broadcast
- D. Known unicast

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 79

Ethernet is a network that supports broadcasting. Once there is a loop in the network, this simple broadcasting mechanism will cause catastrophic consequences.

Which of the following phenomena may be caused by loops? (Multiple choice)

- A. Severe packet loss during network testing through the ping command
- B. CPU usage exceeds 70%
- C. When you use the display interface command to view interface statistics on the device, it is found that the interface receives a large number of broadcast packets

D. The device cannot log in remotely

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 80

The RR rules for advertising routes break the IBGP split horizon rules, so it may cause loops in the AS.

What routing attributes does RR use to prevent loops? (Multiple choice)

- A. Next hop
- B. AS-PATH
- C. Originator ID
- D. Cluster List

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

NEW QUESTION: 81

According to this picture, what can we judge? (Multiple choice)



SPID	Seq Num	Checksum	Holdtime	Length	ATT/P/O
e8c.a0c2.baf2.00-00	0x00000009	0x4c44	1159	83	1/0/0
e8c.a0c2.baf2.02-00	0x00000001	0x23b3	815	54	0/0/0
e8c.a0c2.baf3.00-00	0x0000000c	0x462f	1187	83	1/0/0
e8c.a0c2.baf3.01-00	0x00000001	0x2ea7	1082	54	0/0/0
e8c.a0c2.baf4.00-00*	0x00000004	0x8af5	1083	103	0/0/0

- A. The device with system-ID ee8a0c2.baf2, its type is Leve1-1
- B. R4 belongs to Leve1-2 only
- C. R4 belongs to Level-1 only
- D. The device whose system-ID is ee8c. a0c2.baf2, and its type is Level-1-2

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 82

As shown in the figure, the MP_BGP neighbor relationship is established between PE1 and PE2 through the Loopback0 interface. After the configuration is completed, it is found that CE1 and CE2 cannot learn routes from each other. Which of the following options will cause this problem? (Multiple choice)



- A. The routing protocol configuration between PE1 or PE2 and the respective CE is incorrect
- B. The LSP tunnel between PE1 and PE2 is not established
- C. PE1 or PE2 is not enabled with neighbors in the BGP-VPNv4 unicast address family view
- D. The VPN instance parameters on PE1 or PE2 are incorrectly configured

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

NEW QUESTION: 83

Which of the following functions will affect BGP neighbor establishment? (Multiple choice)

- A. BGP route filtering
- B. BGP authentication
- C. ebgp max hop
- D. BGP GSTM

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

NEW QUESTION: 84

In a multi-level RR scenario, a large number of second-level RR are connected to the first-level RR, which may cause the BGP routing table of the first-level RR to overflow. What method can be used to reduce the risk of overflow of the BGP routing table of the first-level RR?

- A. Routing control
- B. Set the same Cluster-ID
- C. ORF
- D. Route aggregation

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

NEW QUESTION: 85

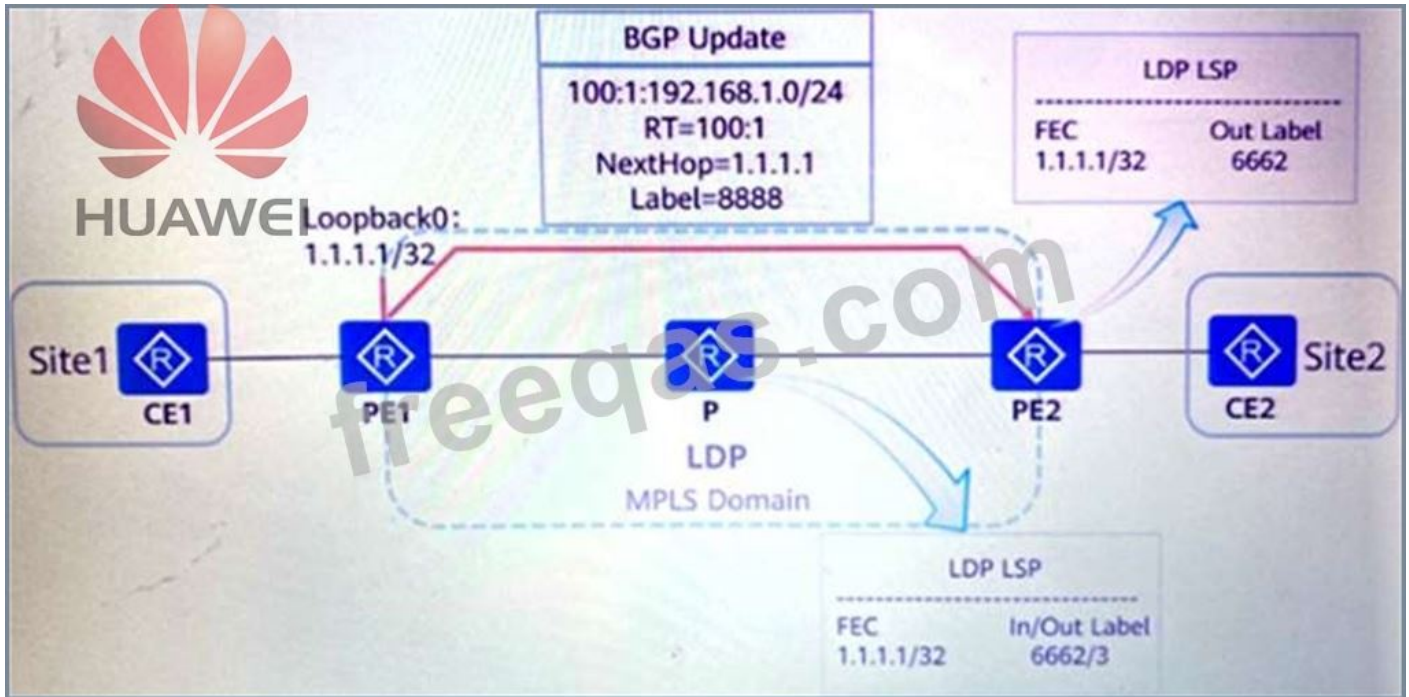
EGP authentication can prevent illegal routers from establishing neighbors with BGP routers. BGP authentication can be divided into MD5 authentication and Keychain authentication. Which of the following BGP messages will carry BCGP Keychain authentication information? ((Multiple choice)

- A. Update
- B. Open
- C. Keepalive
- D. Notication

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

NEW QUESTION: 86

As shown in the figure, Site1 and Site2 need to achieve mutual access through the operator's BGP/MPLS IPVPN. It is known that the public network tunnel between PE1 and PE2 has been established (the label information is shown in the figure), and PE1 has advertised the 192.168.1.0/24 network segment route in Site1 to PE2 through the MP.JIBGP neighbor relationship, and the route learning is normal.



When capturing the data that Site2 visits the 192.168.1.0/24 of Site1 between P and PE1, what should be the outermost label?

- A. 6661
- B. 8888
- C. 3
- D. 6662

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 87

BGP routing strategy can control the distribution and reception of routes.

- A. TRUE
- B. FALSE

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 88

MPLS is called multi-protocol label switching. Which description is correct about the label in MPLS? (Multiple choice)

- A. The label is carried by the header of the MIPLS message and has a global meaning, that is, the label value of all routers cannot be repeated
- B. MPLS supports single-layer labels as well as multi-layer labels

C. A label is an identifier with a fixed length and only local meaning, which is used to uniquely identify the FEC to which a group belongs

D. MPLS system has a variety of label publishing protocols, such as LDP is a label publishing protocol

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

NEW QUESTION: 89

When troubleshooting a network, if you need to confirm the business traffic path, which of the following tasks may be required? (Multiple choice)

A. Investigate business traffic path planning in the network design stage

B. Confirm the data link layer service traffic path

C. Confirm the network layer business traffic path

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

NEW QUESTION: 90

There is the concept of forwarding equivalent FEC in MPLS. Which of the following descriptions is wrong? (Multiple choice)

A. The division of FEC is very flexible. It can be based on any combination of source address, address, source port, destination port, protocol type or VPN, etc.

B. MPLS classifies packets with the same forwarding processing method into one category, which is called FEC

C. The packets of the same FEC will be processed differently in the MPLS network

D. A forwarding equivalence FEC will be assigned a unique label value on all routers

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 91

When OSPFv2 evolves to OSPFv3, the format and function of LSA are exactly the same, except that the network layer address in LSA changes from IPv4 to IPv6.

A. FALSE

B. TRUE

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

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NEW QUESTION: 92

Regarding the role of ping and tracert, which of the following statements is correct?

- A. Ping detects the two-way reachability between the correct end and the one-way icmp echo request packet
- B. Tracert must be able to trace every hop IP address from source to destination
- C. Ping verifies the reachability from the local end to the opposite end, it does not mean that the opposite end is reachable from the local end
- D. Tracert has the same function as ping, but the name is different

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

NEW QUESTION: 93

Through the display ip interface GE0/D/D command, you can view the statistics of ping packets received on this interface.

- A. FALSE
- B. TRUE

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

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