

Huawei.H12-831_V1.0-ENU.v2024-07-30.q136

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NEW QUESTION: 1

When deploying BGPIMPLS IPVPN, when two VPNs have a common site, the common site must not use overlapping address space with other sites of the two VPNs.

- A. False
- B. True

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 2

Deployment in a small and medium-sized network OSPF, When viewing the routing table of a device, it is found that there are only directly connected routes.

It is not possible for the operation to cause the fault?

- A. Incorrect routing policy configuration
- B. Routing protocol configuration error
- C. The configured user permissions are too low
- D. Port address assignment problem

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

NEW QUESTION: 3

When deploying BGPIMPLS IPVPN, when two VPNs have a common site, the common site must not use overlapping address spaces with other sites of the two VPNs.

- A. FALSE
- B. TRUE

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

NEW QUESTION: 4

What is the Router-ID of OSPFv3?

- A. 100-bit value

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 5

Regarding the MPLS forwarding process, which description of the ingress node forwarding is correct? (Multiple choice)

- A. Press the obtained label in the IP packet, and process EXP according to the QoS policy, and process L at the same time, and then send the encapsulated MPLS packet to the next hop
- B. Find the corresponding NHLFE entry according to the Tunnel ID of the ILM table, and associate the LFIB entry with the NHLFE entry
- C. After receiving the data packet, the Ingress node will first check the ILM table to find the Tunnel ID
- D. Check the NHLFE entry, you can get the outgoing interface, next hop, outgoing label, and label operation type. The label operation type is Push

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

NEW QUESTION: 6

Configuring DHCP Snooping can be used to prevent imitator attacks, so the configuration process needs to include the following What are the steps?

- A. enable globalDHCPFunction
- B. Configure Interface Trust Status
- C. enable interface orVLANofDHCP SnoopingFunction
- D. enable globalDHCP SnoopingFunction

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

NEW QUESTION: 7

In OSPF, the A, BR will convert all type 7 L SAs in the NSSA area to type 5 L SAs.

- A. False
- B. True

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

NEW QUESTION: 8

the configuration file of the device. Is the following statement D wrong?

- A. Regardless of whether the device is configured with apricotBPDU Tunnel,neither will be correctMSTPmake an impact
- B. Check port configuration to confirm enableMSTPWhether the port is enabled with the protocol packet sending command. Such as:bpdu enable
- C. Port connected to user terminal equipmentMSTPWhether it is disabled or configured as an edge port

D. Check if the port is added to the correct oneWLAN

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 9

Which statement about DHCP Snooping is wrong?

A. DHCP Snooping You can prevent illegal attacks by setting trusted ports (all interfaces are untrusted by default.

mouth)

B. Enable in interface viewDHCP Snoopingfunction, then all theDHCPThe message command function takes effect

C. Global enableDHCP Snoopingfunction, without any post-parameters, the device only processes by default DHCPv4message

D. existVLANEnable in viewDHCP Snoopingfunction, then all interfaces of the device receive data belonging to thisVLANofDHCPThe message command function takes effect

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

NEW QUESTION: 10

A router Network LSA is shown in the figure. Which of the following statements is correct?

(Multiple choice)

```
Huawei>display ospf lsdb network self-originate
      OSPF Process 1 with Router ID 10.0.12.2
        Area: 0.0.0.0
Type   : Network
Ls id   : 10.0.12.2
Adv rtr : 10.0.12.2
Ls age  : 824
Len     : 32
Options : E
seq#    : 80000002
chksum  : 0x8970
Net mask : 255.255.255.0
Priority : Low
Attached Router 10.0.12.2
Attached Router 10.0.12.1
```



- A. The Router ID of this router is 10.0.12.2
- B. This router is DR
- C. The network segment where the router is located is 10.0.12.0/24
- D. The DR priority of the router is 100

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

NEW QUESTION: 11

Which description is correct about the label encapsulation format in MPLS? (Multiple choice)

- A. The S field in the label: 1 bit, used to identify whether the label is the bottom label of the stack, when the value is 1, it indicates the second-to-last label
- B. The TTL field in the label is similar to the TTL (Time To Live.) in the IP packet, and it also has the effect of preventing loops.
- C. The total length of a single MPLS label is 4 bytes (32 bits)
- D. For Ethernet and PPP packets, the label stack is located between the layer 2 header and the data like a "underlay*": when there is a VLAN tag, the MPLS header is placed between the Ethernet header and the VLAN tag

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 12

What is the value of OSPF and BFD linkage?

- A. Through the BFD detected at the millisecond level, the OSPF status is associated to achieve the purpose of OSPF quickly inductive link state
- B. The hello sending interval of OSPF is at the second level, which is faster than BFD inductive link state
- C. The sending interval of BFD packets can reach the millisecond level, which is slower than the OSPF inductive link state
- D. Any change in the BFD status will not affect the OSPF neighbor status

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

NEW QUESTION: 13

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

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 14

What is the LSA whose flooding range is the entire autonomous system in SPFV3?

- A. Inter-Area-Prefix-LSA

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

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

NEW QUESTION: 15

Which of the following regarding the configuration description is wrong?

```
Huawei]dhcp enable
[Huawei]inte GigabitEthernet 0/0/1
[Huawei-GigabitEthernet0/0/1]dhcp option82 insert enable
[Huawei-GigabitEthernet0/0/1]dhcp snooping enable
[Huawei-GigabitEthernet0/0/1]dhcp snooping trusted
```

- A. Configure GigabitEthernet0/0/1 as a trusted interface
- B. If the DHCP request message received by the GigabitEthernet0/0/1 interface does not contain the Subnet Option information of Option82, the device will generate Option82 and insert it into the message
- C. Enabling the DHCP Snooping configuration can be used to prevent DHCP Server counterfeiters from attacking
- D. Enabling the DHCP Snooping configuration can be used to prevent ARP spoofing attacks

Answer: (SHOW ANSWER)

NEW QUESTION: 16

The OSPF protocol is run between CE and PE, when CE1 advertises the route of its site to CE2. Which of the following descriptions is incorrect?

- A. PE1 configured Domain ID can be used as BGP The extended community attribute of is sent with the route to PE2
- B. when PE2 receive PE1 sent BGP routed Domain ID When the same as local, for Type1 LSA and Type2 LSA. PE2 will generate Type3 LSA
- C. when PE2 receive PE1 sent BGP routed Domain ID correct for all when different from local LSA. PE2 will generate Type5 LSA or Type7 LSA
- D. when PE2 receive PE1 sent BGP routed Domain ID Same as local for Type3 LSA. PE2 will generate Type5 LSA

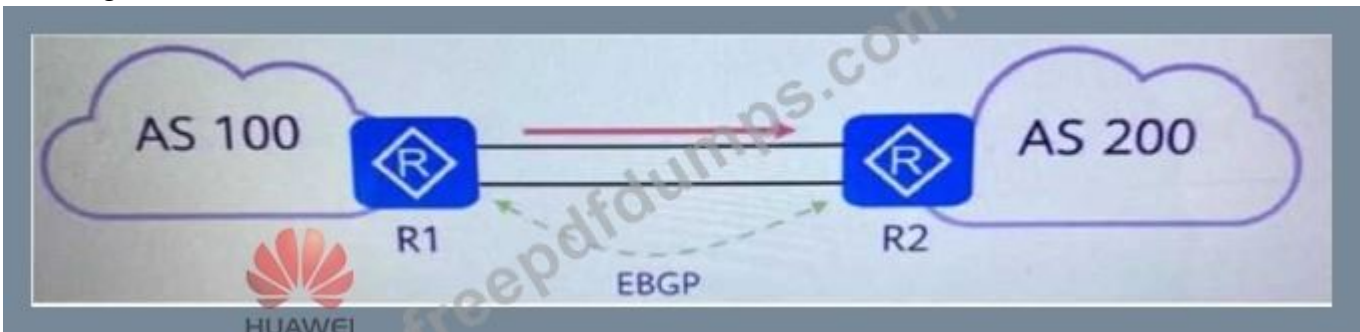
Answer: D ([LEAVE A REPLY](#))

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NEW QUESTION: 17

As shown in the figure, on the R1 router, network administrator A sends the routing entry to R2 through the routing policy After modifying the MED value, you can control the path of traffic entering the AS100

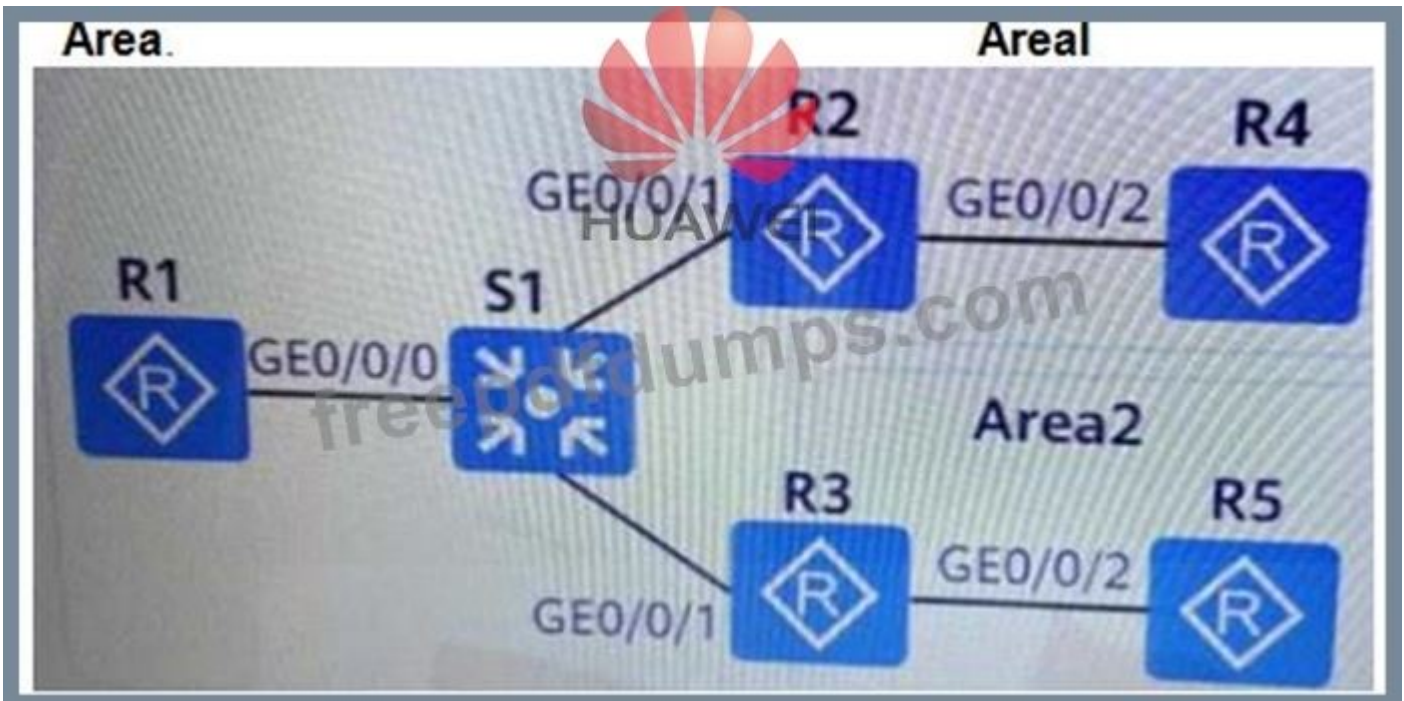


- A. False
- B. True

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 18

As shown below:



```
[R2] ad 2000
[R2-ad-basic-2000]rule deny
[R2-ad-basic-2000]quit
#
[R2] ospf
```

```
[R2-ospf>>1]area 1
[R2-ospM-area-0.0.0.1] filter 2000 import
[R2-ospf-1-area-0.0.0,1] quit
[R2-ospf-1] default-route-advertise always
```

- A. Area2no insideType3 LSAflood
- B. Area2containsType5LSAflood
- C. ArealcontainsType5 LSAflood
- D. Arealno insideType3 LSAflood

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

NEW QUESTION: 19

IEIF expands the functions of OSPF by taking advantage of the strong expansibility of OSPF. To enable it to support IPv6 networks, the expanded protocol is called OSPFv3. OSPFv3 is compatible with OSPFv2.

- A. False
- B. True

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

NEW QUESTION: 20

Which of the following commands can be used to view information about BGP VPNv4 routes and BGP private network routes on PEs interest

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

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

NEW QUESTION: 21

A certain park deployed both IPv4 and IPv6 networks for service testing, and IS-IS was run to achieve network interconnection. IS-IS routing protocol has good scalability and is widely used in existing networks.

Regarding IS-IS scalability, which of the following statements are correct? (Multiple choice)

- A. For IS-IS, adding new features only needs to add a new TLV
- B. IS-IS needs to add TLV to carry Pv6 address information in order to support PV6
- C. IS-IS uses TLV structure to construct messages, which makes IS-IS more flexible and expandable
- D. NLPID is a new TLV of IS-IS to support IPv6

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

NEW QUESTION: 22

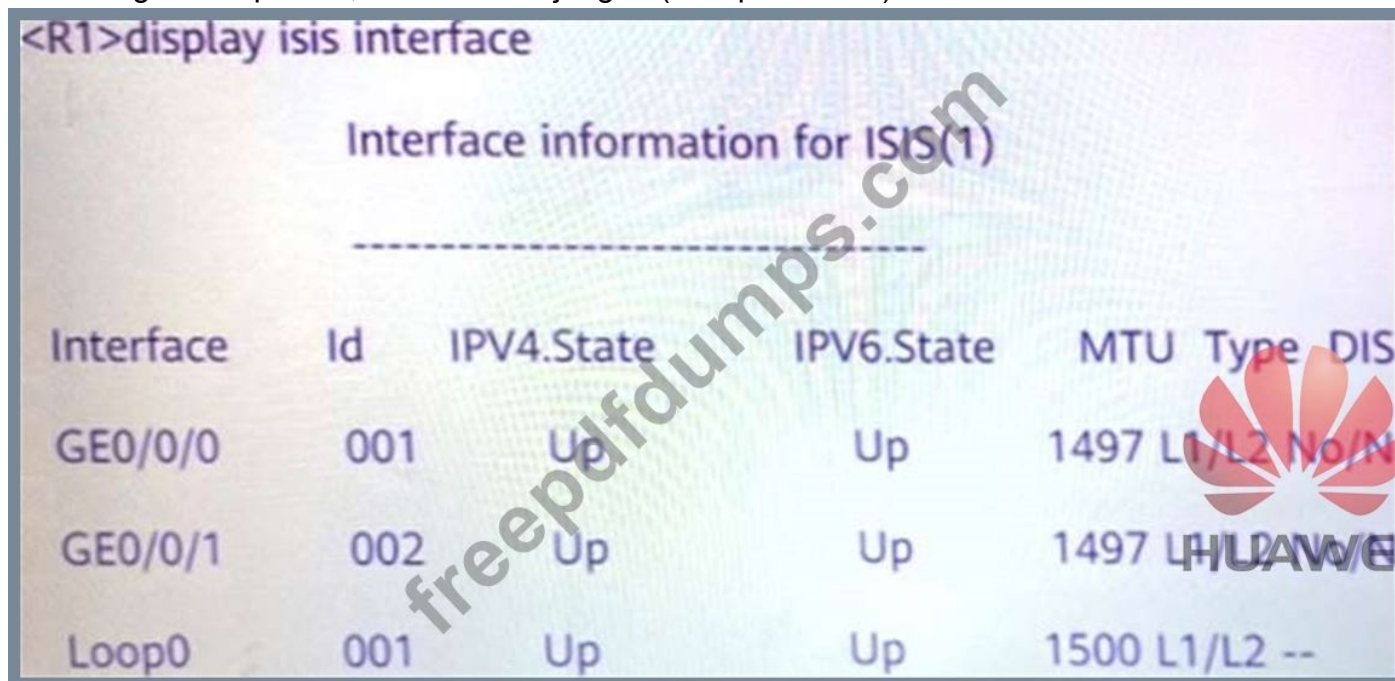
Which of the following are advantages of VLAN aggregation?

- A. Increased addressing flexibility
- B. added available LAN quantity
- C. accomplish Sub-VLAN Isolation between broadcast domains
- D. decreased IP waste of address

Answer: C,D (LEAVE A REPLY)

NEW QUESTION: 23

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



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

Answer: C,D (LEAVE A REPLY)

NEW QUESTION: 24

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 oopback0 interface of the device. Loopback0 of R1 and R2 is advertised in area 1, Loopback0 of R4 is advertised in area 0, and Loopback0 of R3 and R5E are advertised in area 2, which of the following IP addresses can ping each other? (Multiple choice)



- A. 10.0.2.2 and 10.0.3.3. (Not counted when receiving Category 3 in non-backbone areas)
- B. 10.0.2.2 and 10.0.5.5 (not counted when receiving Category 3 in non-backbone areas)
- C. 10.0.4.4 and 10.0.2.2. (3 types of normal calculation)
- D. 10.0.3.3 and 10.0.5.5 (Class 1 in the same area)

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

NEW QUESTION: 25

(Connection question) Please correspond the alarm level with the importance of the fault and the countermeasures. (Multiple choice)

Critical	There are potential errors that need to be handled during daily optimization
Major	Threats to services need to be handled in a timely manner
Minor	Affect the service quality and must be handled immediately during working hours
Warning	Affecting service availability must be handled immediately

Answer:

Critical	Minor
Major	Major
Minor	Warning
Warning	Critical

NEW QUESTION: 26

After a fault occurs, you need to collect and back up various types of fault information in time as a reference for troubleshooting. In addition, when seeking emergency assistance from Huawei Technologies Co., Ltd.

- A. True
- B. False

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

NEW QUESTION: 27

What is the meaning of the display current-configuration I include vlan command?

- A. View the physical interface information bound to each VLAN
- B. Check which VLANs are currently created
- C. View all configurations that contain the "VLAN" keyword
- D. View the IP address of the VLANIF interface

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

NEW QUESTION: 28

Which of the following reasons may cause the hosts in the same--VLAN LAN to fail to communicate with each other

- A. switchMA, Caddress learning errors
- B. the wrong port is configured on the machine, andMA, Caddress binding
- C. interface is artificialshutdownor the physical interface is damaged
- D. port isolation is configured on the switch

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

NEW QUESTION: 29

The rollback operation of the project cutover can be determined temporarily according to the situation during the cutover, and no advance planning is required.

- A. FALSE
- B. TRUE

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

NEW QUESTION: 30

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: 31

What characteristics must a high-risk operation plan have?

- A. accurate
- B. Strong operability
- C. can return
- D. with verification

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

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NEW QUESTION: 32

When troubleshooting dual-master faults in a VRRP backup group, which of the following statements is wrong?

- A. Need to check whether the interface IP address is in the same network segment
- B. There is no need to check whether the switch port that transmits the VRRP advertisement message is in the same VLAN
- C. Need to check whether the VRRP group ID on the interface is the same
- D. Need to check whether the virtual IP addresses of the VRRP group are the same

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

NEW QUESTION: 33

Regarding the MPLS forwarding process, the description of Ingress node forwarding is correct:

- A. CheckNHLETable entry, you can get outbound interface, next hop, outbound label and label operation type The label operation type isPush
- B. IngressAfter the node receives the data packet, it will first checkILMlooking forTunnel ID
- C. according toILMtableTunnel IDfind the correspondingNHLEEntry, willLFIEntry andNHLEtable entry
- D. existIPThe obtained label is pressed into the packet, and according to theQoSPolicy processingEXRSimultaneous processingL,,Then the packagedMPLSThe packet is sent to the next hop

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 34

In an MPLS network, SR running the DP protocol exchange LDP messages to realize functions such as neighbor discovery, session establishment and maintenance, and label management. In

order to ensure the reliability of message delivery, all sending and receiving of LDP messages must be based on TCP connections.

- A. TRUE
- B. FALSE

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

NEW QUESTION: 35

The rollback operation of project cutover can be temporarily determined according to the situation during cutover, and no advance plan is required.

- A. True
- B. False

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

NEW QUESTION: 36

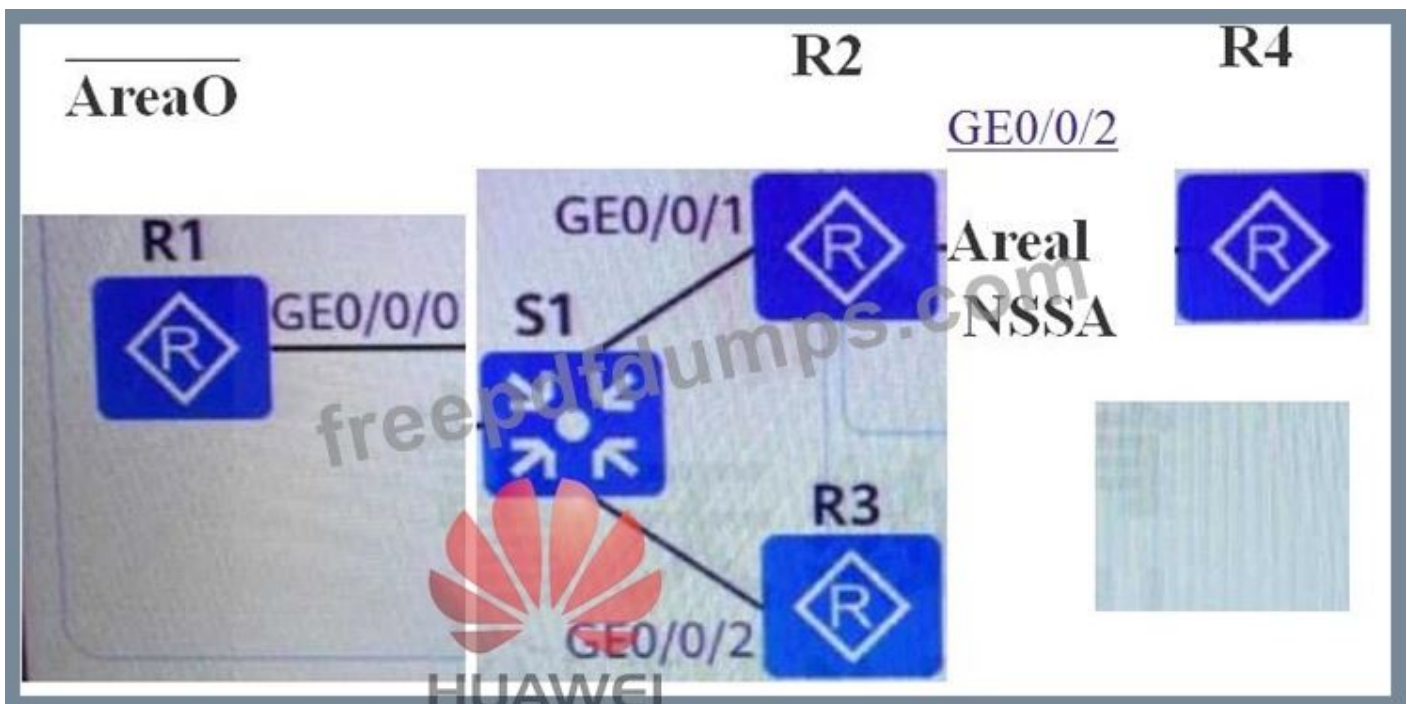
When troubleshooting a network, if you need to confirm the business traffic path, which of the following tasks may be required? (Multiple choice)

- A. Confirm that the network layer service flow is a path
- B. Confirm the data link layer service traffic path
- C. Investigate business meteor path planning in the network design stage

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

NEW QUESTION: 37

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



- A. True

B. False

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 38

When troubleshooting a network, if you need to confirm the business traffic path, which of the following may need to be done ()

- A. Investigate service traffic path planning in the network design phase
- B. Confirm the network layer service traffic path
- C. Confirm data link layer service traffic path
- D. Confirm the frequency of failure

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

NEW QUESTION: 39

An engineer used two routers to test IPv6 services, and simulated the interconnection between headquarters and branches by running BGP4+.



The logical topology of the network is shown in the figure. Regarding the transmission of IPv6 routes between two devices, which of the following statements is wrong?

- A. When routing, the Next_Hop attribute must be an IPv6 global unicast address
- B. BGP4+ transmits routing information between peers through Update messages
- C. If the Update message carries the MP_REACH_NLRI attribute, it means that the advertised route is reachable
- D. When routing, it will carry AS_Path and other recognized mandatory attributes

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

NEW QUESTION: 40

If the BFD session goes down, the direct link will fail.

- A. False
- B. True

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

NEW QUESTION: 41

For the same MA, C address, manually configured MA, C entries have higher priority than automatically generated entries.

- A. True
- B. False

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

NEW QUESTION: 42

Network administrator A wants to use A, CL to match only the four routing entries 1 and 3.57 in the figure. Ask the network administrator A at least how many A, CL rules do you need to configure?

Num	Route
1	10.0.1.0/24
2	10.0.2.0/24
3	10.0.3.0/24
4	10.0.4.0/24
5	10.0.5.0/24
6	10.0.6.0/24
7	10.0.7.0/24

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

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

NEW QUESTION: 43

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

- A. Check the NHLFE entry, you can get the outgoing interface, next hop, outgoing label, and label operation type. The label operation type is Push
- B. After receiving the data packet, the Ingress node will first check the ILM table to find the Tunnel ID
- C. Find the corresponding NHLFE entry according to the Tunnel ID of the ILM table, and associate the LFIB entry with the NHLFE entry
- D. Press the obtained label in the IP packet, and process EXP according to the QoS policy, and process L at the same time, and then send the encapsulated MPLS packet to the next hop

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

NEW QUESTION: 44

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: 45

If the temperature of the device is found to be too high, it can be concluded that the fan has failed

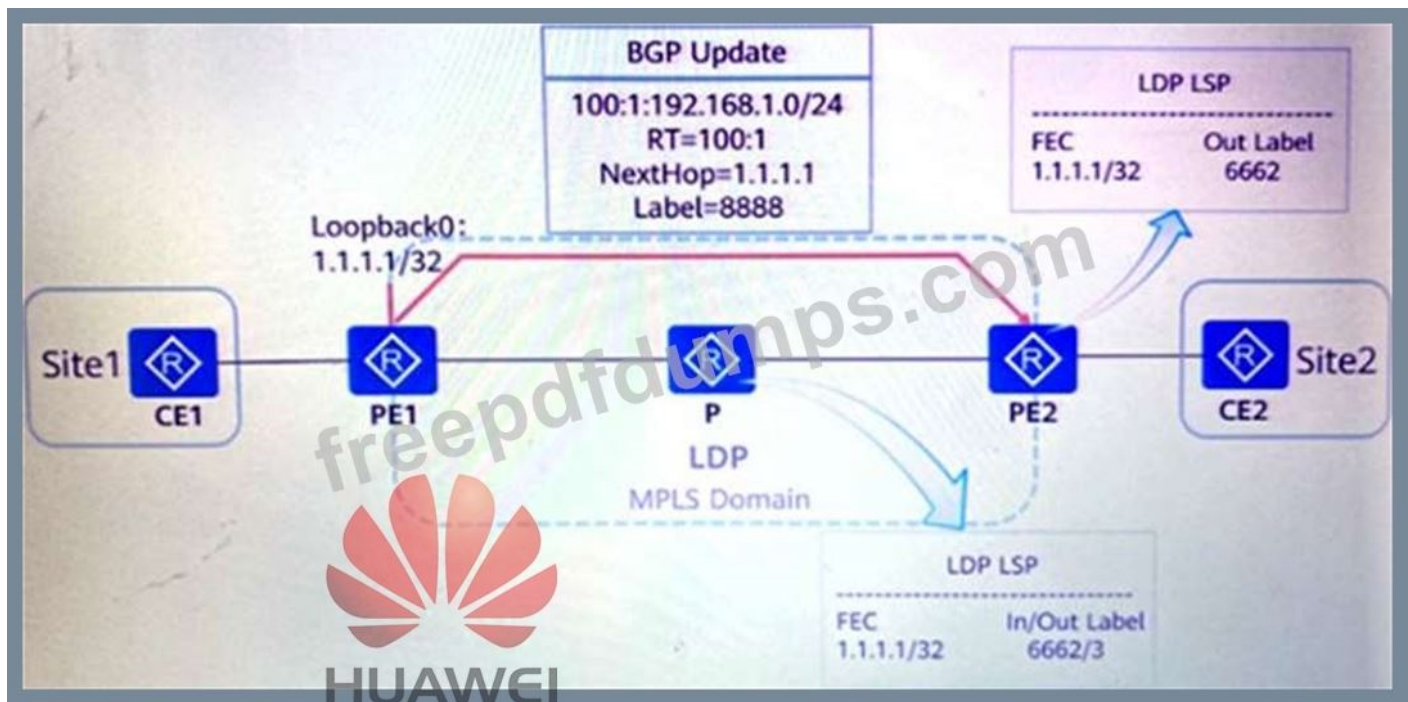
A. FALSE

B. TRUE

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

NEW QUESTION: 46

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

Answer: ([SHOW ANSWER](#))

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NEW QUESTION: 47

During the test phase of the cutover, the criteria to indicate that the test has been completed are:

- A. IPThe configuration view result of the device is normal as the standard
- B. Test that the network service is normal as the standard
- C. The upper-layer application service test carried by the network is normal as the standard

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

D, check that the network is running normally as a standard

NEW QUESTION: 48

MPLS has the concept of FEC-Forwarding Equivalence Class, so on which of the following standards cannot FEC be allocated based?

- A. Destination Address
- B. Fragment of offset
- C. Class of Service
- D. Application Protocol

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

NEW QUESTION: 49

Which of the following are static information coke analysis?

- A. Packet loss rate
- B. Interface Type
- C. License
- D. Equipment type

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 50

Regarding sham link, which of the following description is wrong?

- A. In order to forward the VPN flow through the MPLS backbone network, the routing cost of the sham link should be less than the OSPF routing cost of the backdoor road
- B. The sham link is a link between two VPN instances. Each VPN instance must have an endpoint address of the sham link, which must be a Loopback with a 32-bit mask in the VPN address space on the PE router. interface address
- C. The sham link can be configured in any area and needs to be configured manually, and there must be a route to the sham link destination address (the sham link endpoint address of the peer PE) in the local VPN instance
- D. The endpoint address of the sham link is advertised as a VPhv4 address by BGP. Routes that have passed sam1ik can also be imported into BGP in the form of VPNv4 routes

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

NEW QUESTION: 51

Which of the following regular expressions can match only BGP routes that pass through AS200 and then through AS300 eyes?

- A. `_[200 300]`
- B. `200$|300$`
- C. `A200|A300`
- D. `_(200 300)_`

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

NEW QUESTION: 52

The description of the MPLS forwarding mechanism is correct

- A. ifTunnel IDvalue is not0x0,into the normalIPForwarding process
- B. whenIPmessage entryMRLSdomain, the first thing to look at isFIBsurface
- C. The system automatically allocates al. also known asTunnel ID
- D. ifTunnel IDvalue is0x0test entryMPLSForwarding process

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

NEW QUESTION: 53

There is the concept of forwarding equivalence class FEC in MPLS. The following description is wrong:

- A. MPLSGrouping packets with the same forwarding processing method is calledFEC
- B. a forwarding equivalence classFECA unique label value is assigned on all routers
- C. sameFECgrouped inMPLSThere will be different processing in the network
- D. FECThe division is very flexible. Can be the source address, and the address, source port, destination port, protocol type or

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

VPNEqual to any combination of division basis

NEW QUESTION: 54

What is the command to adjust the link cost of an IS-IS interface?

- A. isis circuit-level
- B. isis circuit-type
- C. isis timer hello
- D. isis cost

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

NEW QUESTION: 55

You have set IS-IS IPv6 enable under the interface, what is the meaning of this command?

- A. activate on the interfacelIPv6 IS-ISprocess2
- B. Activate on the interfacelIPv6 IS-ISprocess1
- C. Activate on the interfacelIPv6 IS-ISprocess3
- D. activate on the interfacelIPv6 IS-ISprocess10

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

NEW QUESTION: 56

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

```

<R4>display isis lsdb
Database information for ISIS(1)
Level-1 Link State Database
LSDB
LSDB ID          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. R1's GE0/0/1 must have Leve1-2 capability
- B. R1's GE0/0/0 must have the Leve1-2 capability
- C. There must be an LSDB of Leve1-2 on R1
- D. R1 has 2 IS-IS neighbors

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

NEW QUESTION: 57

Which of the following is not a hardware preparation for cutover?

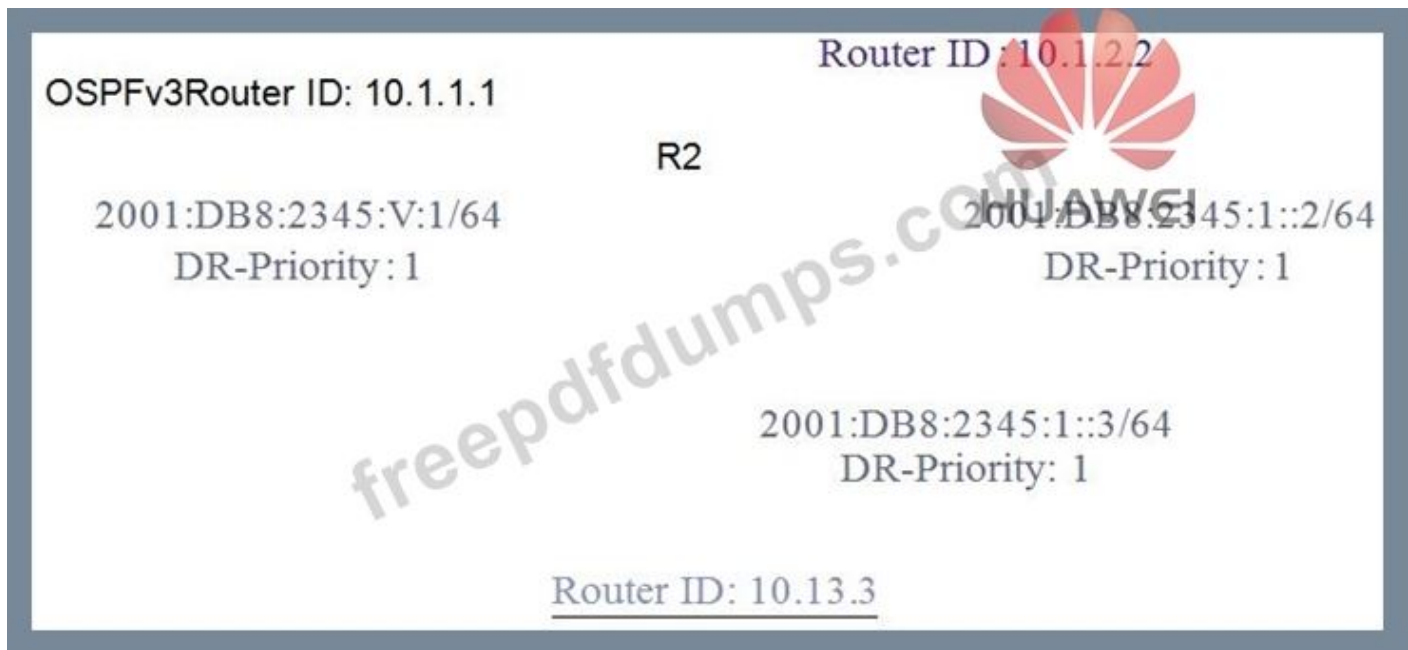
- A. Test the operation of the board
- B. Cable Continuity Test
- C. Device version check
- D. Power-on test

Answer: C (LEAVE A REPLY)

NEW QUESTION: 58

OSPFV2 is an IGP running on an IPv4 network; OSPFV3 is an IGPo running on an IPv6 network. The basic working mechanism of OSPFv3 is the same as that of OSPFV2, such as the election of DR and B, DR. As shown in the figure, an engineer uses 3 routers to test IPv6 services. He wants to realize the interconnection of IPv6 networks by running OSPFV3.

Pass. Which of the following statements about the election of the network DR is correct?



- A. After the network converges R1 Power off and restart, when the network converges again, R3 for DR
- B. After the network converges, R1 for DR
- C. After the network converges, engineers modify R1 the priority is 100, R2 the priority is 10, R3 Keep the default value. When the network converges again, R1 for DR, R2 for B, DR
- D. After the network converges, a new device is added to the broadcast link R4, R4 the priority is 150. When the network converges again, R4 for DR

Answer: A (LEAVE A REPLY)

NEW QUESTION: 59

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

Answer: C (LEAVE A REPLY)

NEW QUESTION: 60

As shown below:

<RA >display ospf lsdb

OSPF Process 1 with Router (D 172.16-1.1)						
Link State Database						
Area: 0.0.0.0						
ITyp*-	LinkState ID	AdvRouter	Age	Len	Sequence	Metric
Router	172.16.1.3	172.16.1.3	216	60	B0000000	1
Router	72.16.1.2	172.16.1.2	214	60	80000008	
Router	172.16.1.1	172.16.1.1	217	60	80000007	
Network	10/1.13.2	172.16.1.1	218	32	80000001	0
Network	161.12.2	172.16.1.2	218	32	80000001	0
Network	10.1.34.2	172.16.1.1	209	32	80000002	0

- A. area. have 8 individual routers
- B. area. have 4 individual routers
- C. area. have 8 routers
- D. area. have 4 routers

Answer: B,D (LEAVE A REPLY)

NEW QUESTION: 61

Which of the following descriptions about MPLS header TTL are correct? (Multiple choice)

- A. In the case of banning TTL, traceroute can see the LSR of the MPLS domain that it passes through
- B. Can prevent infinite loop forwarding of messages
- C. There are two ways to correct MPLS TTL. One is to copy the TTL value of the MPLS header when an IP packet enters the MPLS network. The other is to set the TTL of the MPLS header to 255 at the ingress LER.
- D. The processing method of copying the IP TTL value hides the LSR of the MPLS domain and plays a certain security role

Answer: (SHOW ANSWER)

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NEW QUESTION: 62

What is the default aging time of the MA, C address table of Huawei switches?

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

Answer: A (LEAVE A REPLY)

NEW QUESTION: 63

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. OSPFv3 uses the authentication field in the header of the message to complete message authentication
- B. 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
- C. The Hello packet of OSPFv3 carries the IPv6 address prefix list of the router interface
- D. OSPFv3 uses IPv6 multicast addresses FF02::5 and FF02::6 to send OSPFv3 packets

Answer: D (LEAVE A REPLY)

NEW QUESTION: 64

In the intra-domain MPLS VPN network, when a data packet enters the public network and is forwarded, it will be encapsulated with two layers of MPLS labels. Which of the following description is wrong about the two layers of labels? (Multiple choice)

- A. The outer label of MPLS VPN is called the private network label. The inner label is called the public network label.
- B. The outer label is used to correctly send the data packet to the corresponding VPN on the PE device
- 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 ejected before the packet is forwarded to the last-hop device

Answer: A,B (LEAVE A REPLY)

NEW QUESTION: 65

Regarding MP-BGP, which of the following descriptions is wrong?

- A. MP-BGP needs to be VPNv4 route assignment private network label

B. PE and CE pass between BGP. When interactive routing, you need to CE up for each VPN instance creation BGP process

C. MP-BGP the message type, VPNv4 route advertisement strategy and BGP-4 same

D. MP-BGP pass through MP_REA, CH_NLRI and MP_UREA, CH_NLRI two properties to advertise VPNv4 routing

Answer: (SHOW ANSWER)

NEW QUESTION: 66

Regarding BGP/MPLS IP VPN data forwarding, which of the following descriptions is wrong?

A. The outer layer label when data is forwarded can be LDP distribute

B. data in B, CP/MPLS IP VPN. When the backbone network is transmitted, it always carries two layers of labels

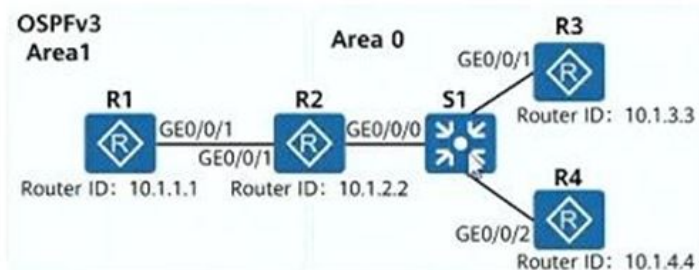
C. PE send to CE. The data is IPv4 Genuine

D. The inner label when data is forwarded is defined by MP-BGP distribute

Answer: (SHOW ANSWER)

NEW QUESTION: 67

A campus has deployed IPv6 for service testing. There are 4 routers in the network, running OSPFv3 to implement IPv6 network interconnection. As shown in the figure, an engineer checked the LSDB of R2 and intercepted one of the Link-LSAs. Which of the following statements is true about the description of this LSA?



```
[R2]display ospfv3 lsdb link 0.0.0.3
OSPFv3 Router with ID (10.1.2.2) (Process 1)
Link-LSA (Interface GigabitEthernet0/0/0)
LS Age: 1291
LS Type: Link-LSA
Link State ID: 0.0.0.3
Originating Router: 10.1.2.2
LS Seq Number: 0x80000003
Retransmit Count: 0
Checksum: 0x1A53
Length: 56
Priority: 1
Options: 0x000013 (-[R]-[E]V6)
Link-Local Address: FE80::2E0:FCFF:FEC:D:4F79
Number of Prefixes: 1

Prefix: 2001:DB8:2345:23::/64
Prefix Options: 0 (-[I]-[O]-)
```

A. The SA shows 2 does not support external routing, but participates in IPv6 routing calculation

B. IPv6 address prefix for GEO/0/0: 2001:DB8:2345:23::/64

C. The router that generates this LSA is R2 port R2 connected

D. The link-local address of R2 interface GEO/0/0 is: FE80::2E0:FCFF:FEC, D:4F79

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

NEW QUESTION: 68

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
<u>10.1.3.3</u>	4	102	5	7	0	00:03:33	Established	10
<u>10.1.4.4</u>	4	102	5	6	0	00:03:11	Established	5
<u>10.1.5.5</u>	4	102	4	6	0	00:02:52	Established	2

Answer:

102

NEW QUESTION: 69

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

- A. When an IP packet enters the MRLS domain, the FIB table is the first to be checked
- B. If the Tunnel ID value is not 0x0, and then 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. If the Tunnel ID value is 0x0, and then enter the MPLS forwarding process

Answer: (SHOW ANSWER)

NEW QUESTION: 70

From this picture, we can judge
<Redisplay ipv6 routing table protocolTuozen
Public Routing Table . ISIS
Summary Count 6
ISIS Routing Table's Status : < Active >
Summary Count 6

Destination:3000:FDEA::4

Prefix Length : 128

NextHop : FE80::2E0:FCFF:FE98:2577

Preference : 15

Cost :20

Protocol : ISIS-L2

Interface GigabitEthernet0/0/1

Flags



- A. R1The type of device is definitely notLevel-1
- B. R1noIS-ISofIPv6routing
- C. R1ofGigabitEthernetOD/1must be enabledIS-IS IPv6
- D. R1have6stripIS-ISofIPv6routing

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 71

Regarding the description of the encapsulation format of labels in MPLS, the correct one is

- A. MPLSThe total length of a single label is4bytes(32bits)
- B. in the labelTTLfields andIPgroupedTTL(Time To Live.,time-to-live) is similar in meaning and also has the effect of preventing loops
- C. in the labelSfield:lbit,Used to identify whether the label is the bottom label of the stack, the value is1is indicated as the penultimate layer label
- D. For Ethernet,PPPpacket, the tag stack is like 'shim*'-between the L2 header and the data: yesVLAN tagTime,MPLShead on the ether head withVLAN tagbetween

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 72

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

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

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

NEW QUESTION: 73

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: 74

What is the purpose of configuring LSP fragmentation on an IS-IS device?

- A. make the device unbuildableIS-ISNeighbor
- B. enable the device to support moreIS-ISrouting entry
- C. make the device unable to learnIS-ISrouting information
- D. no real purpose

Answer: B (LEAVE A REPLY)

NEW QUESTION: 75

BGP routing policies can control the advertisement and reception of routes.

- A. True
- B. False

Answer: (SHOW ANSWER)

NEW QUESTION: 76

ping -a X-c Y-s z -vpn-instance M 10.5.16.2, what is the meaning of this command? (Multiple choice)

- A. The source IFP address of the ping packet is X
- B. The ping packet belongs to VPN instance M
- C. The ICMP request of the ping, the packet size is Z (excluding IP and ICMP header)
- D. The ping sends Y ICMP requests

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

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NEW QUESTION: 77

IEIF has extended the functions of OSPF by taking advantage of the strong scalability of OSPF. To enable it to support IPv6 networks, the expanded protocol is called OSPFv3, and OSPFv3 is compatible with OSPFv2.

- A. TRUE
- B. FALSE

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

NEW QUESTION: 78

Part of the configuration of R1 is as follows. Which statement about OSPF on R1 is correct?

```
ospf 1 router-id 172.16.1.1
area 0.0.0.0
network 10.1.12.1 0.0.0.0
network 10.1.13.1 0.0.0.0
network 172.16.1.1 0.0.0.0
```

```
#
isis 1
cost-style wide
network-entity 49.0022.ee8c.a0c2.baf2.00
```

- A. The device type of R1 is Level-1-2
- B. The device type of R1 is Level-2
- C. The device type of R1 is Level-1-1
- D. The device type of R1 cannot be determined

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 79

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 80

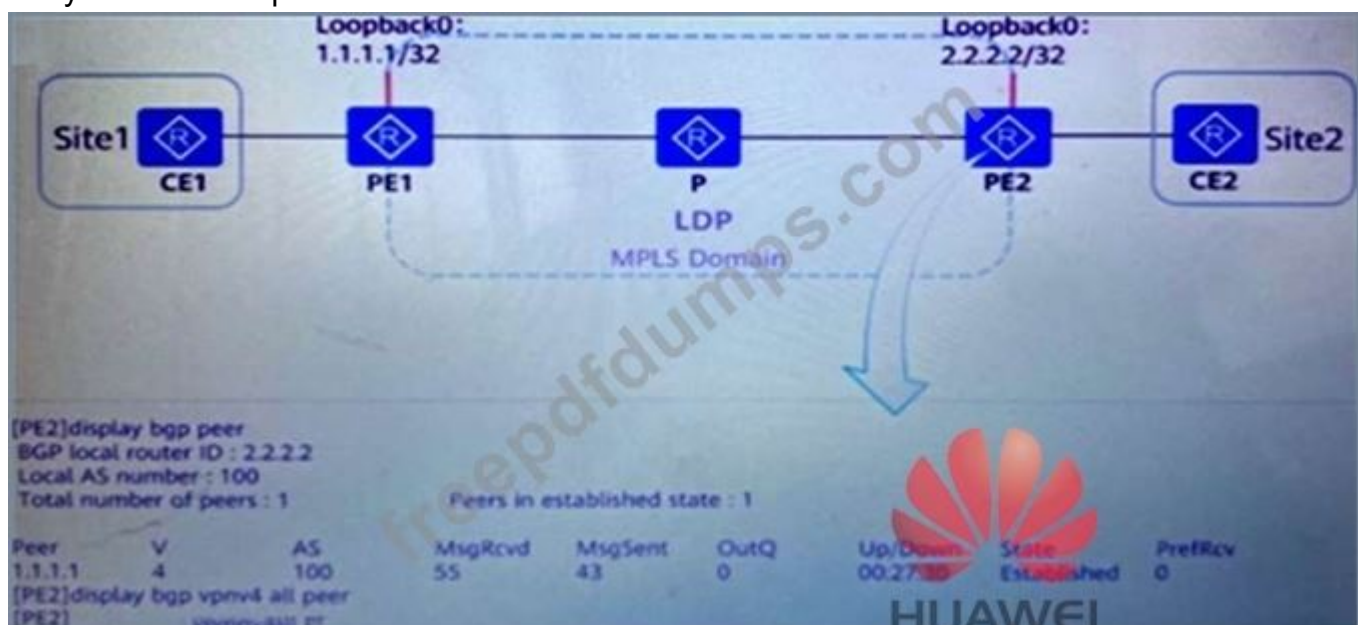
Which of the following statements about MUX VLANs are true?

- A. each Separate VLANs must bind a Principal VLAN
- B. Separate VLANs can and MUX VLAN all within VLAN communication
- C. Principal VLAN can and MUX VLAN all within VLAN communication
- D. each Group VLAN must bind a Principal VLAN

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 81

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

- C. PE1 and PE2 are not enabled with neighbors in the BGP-VPN4 unicast address family view
- D. The LSP tunnel between PE1 and PE2 is not established

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

NEW QUESTION: 82

What is wrong with this configuration description is:

```
[Huawei]dhcp enable
[Huawei]interface GigabitEthernet 0/0/1 [Huawei-GigabitEthernet0/0/1 ]dhcp option82
insert en [Huawei-GigabitEthernet0/0/1 ]dhcp snooping enable [Huawei-
GigabitEthernet0/0/1]dhcp snooping trusted
```

[Huawei]dhcp enable

[Huawei]interface GigabitEthernet 0/0/1 [Huawei-GigabitEthernet0/0/1]dhcp option82 insert en

[Huawei-GigabitEthernet0/0/1]dhcp snooping enable [Huawei-GigabitEthernet0/0/1]dhcp
snooping trusted

- A. turn onDHCP Snoopingconfiguration can be used to preventARPspoofing attack
- B. configureGigabitEthernet0/0/1The interface is a trusted interface
- C. ifGigabitEthernet0/0/1received by the interfaceDHCPIn the request message, there is noOption82of SubOptioninformation, the device will generateOption82,and insert it into the message
- D. turn onDHCP Snoopingconfiguration can be used to preventDHCP ServerCounterfeiter Attack

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

NEW QUESTION: 83

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 running IS-IS configuration of the memory is not saved to the Flash
- C. The running IS-IS configuration in the memory has been saved to the Flash
- D. The IS-IS configuration that the Flash is running is not saved to the memory

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

NEW QUESTION: 84

The input information of a router is as follows. Which of the following causes the OSPF adjacency cannot be established normally?


```

<Huawei>display ospf error interface GigabitEthernet 0/0/0
OSPF Process 1 with Router ID 10.0.2.2
OSPF error statistics

Interface: GigabitEthernet0/0/0 (10.0.12.2)
General packet errors:
0      :Bad version          0      :Bad checksum
1      :Bad area id         0      :Bad authentication type
10     :Bad authentication key 0      :Unknown neighbor
10     :Bad net segment     0      :Extern option mismatch
10     :Router id confusion

BHELLO packet errors:
0      :Netmask mismatch     1      :Hello timer mismatch
Bo    :Dead timer mismatch  0      :Invalid Source Address

```



- A. interface IP inconsistent address masks
- B. Hello timer inconsistent message sending interval
- C. Area code does not match
- D. Inconsistent area type

Answer: B,C (LEAVE A REPLY)

NEW QUESTION: 85

Which of the following statements is true about the role of ping and traceroute?

- A. ping: The reachability from the local end to the peer end is verified, but it does not mean that the peer end to the local end must be reachable
- B. Ping: through one-way ICMP echo request, Packet inspection and bidirectional reachability of the correct end
- C. traceroute and ping: The function is the same, just the name is different
- D. Traceroute: Must be able to trace every hop from source to destination IP address

Answer: A (LEAVE A REPLY)

NEW QUESTION: 86

As shown in the figure, MPLS LSP is set up in the network, and the goal is to establish an LDP session between SWA and SWB.

- A. BFDThe message sending interval can reach the millisecond level, which is less thanOSPFInduction link status is slow
- B. BFDAny change in state will not affectOSPFneighbor state
- C. OSPFofhelloThe sending interval is in seconds, more thanBFDInduction link status is fast
- D. Detected at the millisecond levelBFD. associationOSPFstate, fulfilledOSPFThe purpose of quickly sensing the status of the tank

Answer: D (LEAVE A REPLY)

NEW QUESTION: 89

The routing policy tools that can be used by BGP mainly include Filterpolicy and oRoute-policy. Fiterpolicy can only filter routes, Rote - policy can only modify routes

- A. True
- B. False

Answer: B (LEAVE A REPLY)

NEW QUESTION: 90

Deploying port isolation technology in Ethernet can realize Layer 2 intercommunication and Layer 3 isolation, making networking more flexible.

- A. correct
- B. mistake

Answer: B (LEAVE A REPLY)

NEW QUESTION: 91

Which of the following community attributes can ensure that the propagation scope of BGP routing entries is only within the AS?

- A. No_Export_Subconfed
- B. No_Export
- C. Internet
- D. No_Advertise

Answer: A,B (LEAVE A REPLY)

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NEW QUESTION: 92

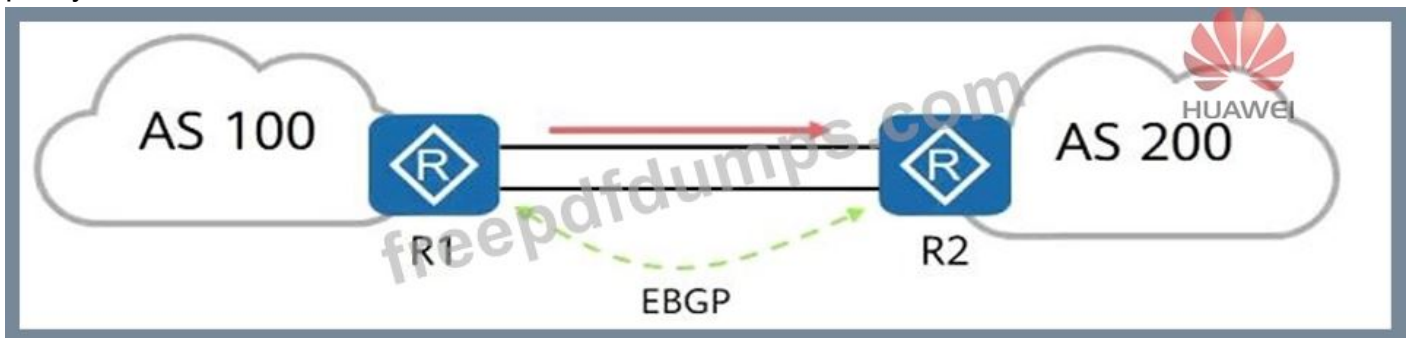
When configuring the DHCP Relay function on the device, the VLANIF interface of the relay connected to the client must be bound to the DHCP server group, and the bound DHCP server group must be configured with the proxy DHCP server IP address.

- A. TRUE
- B. FALSE

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

NEW QUESTION: 93

As shown in the figure, on the R1 router, the network administrator can control the path of the traffic entering AS100 after modifying the value of the routing entry sent to R2 through the routing policy.

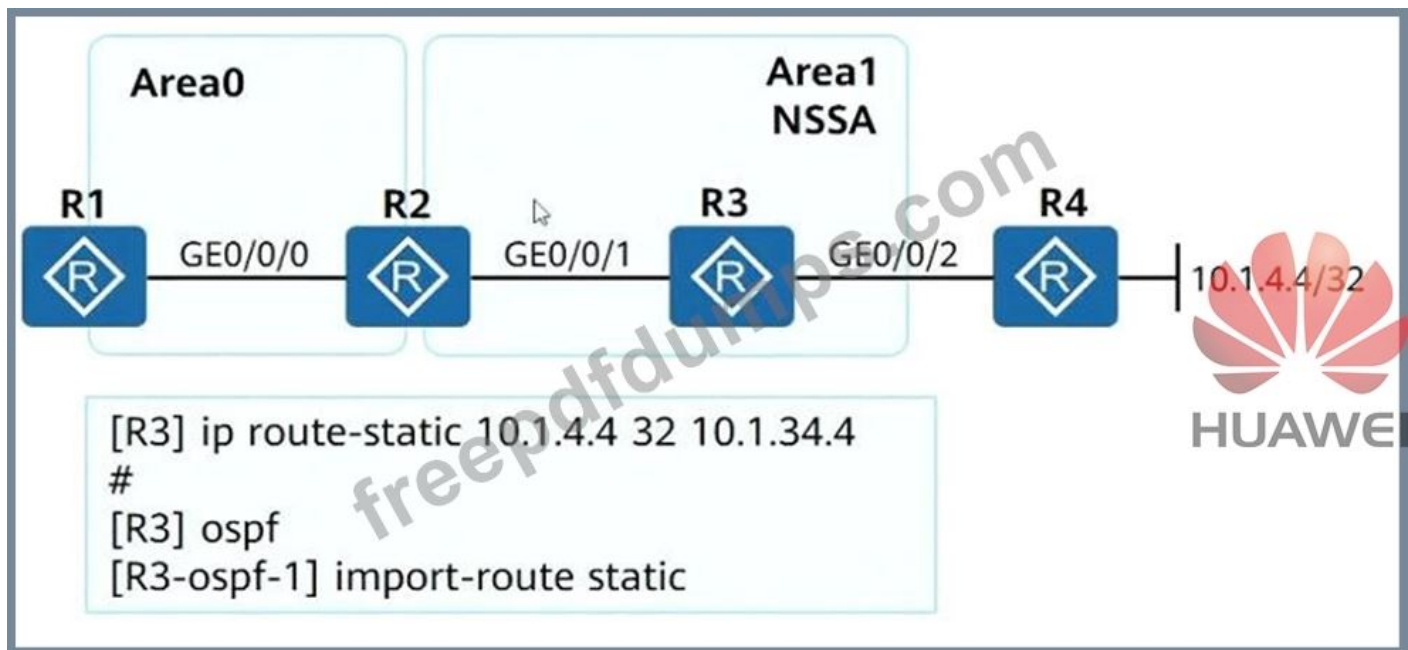


- A. wrong
- B. Yes

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

NEW QUESTION: 94

OSPF is deployed in a campus to achieve network interworking, and OSPF is also enabled on the GEO/0/2 interface of R3. Area1 is deployed as an NSSA area, and the device addresses are shown in the figure. An engineer configures a static route on R3 to access the loopback interface address of R4, and imports the static route in the OSPF process. At this point, in the Type5 LSA received by R1, the forwarding address (FA) is _____. (Note: Please fill in the IP address without mask)



Answer:

(10.1.23.2)

NEW QUESTION: 95

Regarding the sham link, which of the following descriptions is wrong?

- A. sham linkThe endpoint address of theBGPAsVPhv4address published. passedsamlikThe route can also be reconfigured withVPNv4The form of routing is introduced toBGP
- B. becauseVPNflow is throughMPLSBackbone forwarding,sham linkThe routing cost should be less thanbackdoorroadOSPFrouting cost
- C. Sham linkIt can be configured in any area and needs to be manually configured and the local endVPNThe instance must have tosham linkdestination address (peerPEofsham linkendpoint address) routing
- D. sham linkThe coat is twoVPNlinks between instances, eachVPNThere must be one in the instancesham linkthe endpoint address, it must bePEOn the routerVPNNone in the address space has32bitmaskedLoopbackinterface address

Answer: A (LEAVE A REPLY)

NEW QUESTION: 96

As shown in the figure, OSPF is enabled on all interfaces of the router, in which R4 and R5 can establish OSPF virtual connections.



- A. True
- B. False

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 97

What is the meaning of display current-configuration | include vlan command?

- A. View each VLAN physical interface information bound to the
- B. View all included "VLAN" Configuration of keywords
- C. Check VLAN interface IP address
- D. See what's currently created VLAN

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

NEW QUESTION: 98

ping -a X-c Y-s z -vpn-instance M 10.5.16.2, what is the meaning of this command is? (Multiple choice)

- A. The ping packet belongs to VPN instance M
- B. The ping sends Y ICMP requests
- C. The source IP address of the ping packet is X
- D. The ICMP request of this ping, the packet size is Z (excluding IP and ICMP header)

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

NEW QUESTION: 99

Which of the following statements about IPSG is false?

- A. IPSG is a source based on a three-layer interface IP address filtering technology
- B. able to pass IPSG prevent the host from changing private IP address
- C. IPSG can be turned on IP packet inspection alarm function, linked with the network management to alarm
- D. IPSG can prevent IP address spoofing attack

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

NEW QUESTION: 100

Which of the following reasons may cause the hosts in the same VLAN of the LAN to fail to communicate with each other?

- A. The wrong port is configured on the switch and MAC address binding
- B. Port isolation is configured on the switch
- C. switch MAC address learning errors
- D. interface is administratively shutdown or the physical interface is damaged

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

NEW QUESTION: 101

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 a message type of LDP?

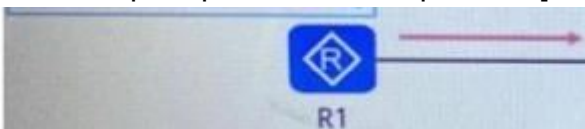
- A. conversation message
- B. label exchange message
- C. discovery message
- D. announcement message

Answer: B (LEAVE A REPLY)

NEW QUESTION: 102

(Drag and drop question) The configuration shown in the figure is performed on R2 to filter all incoming routes. Suppose there is an entry on R1 AS_Path attribute is [100 200 300 400] BGP routes need to be sent to R2, please help network administrators in Adjust the AS order in the AS_Path attribute of the route on R1 to ensure that the route entry will not be routed by R2

```
route-policy AS-PATH permit node 10 if-match as-path-filter BGP route-policy AS-PATH deny node 20 ip as-path-filter BGP permit A[A2]00 400 100_
```



```
route-policy AS-PATH permit node 10 if-match ip-prefix BGP
apply as-path overwrite
ip ip-prefix BGP permit 10.0.0.0 24
```



- A. 300-A 400-C 100-B 200-D
- B. 300-C 400-A 100-B 200-D
- C. 300-B 400-A 100-C 200-D
- D. 300-A 400-B 100-C 200-D

Answer: D (LEAVE A REPLY)

NEW QUESTION: 103

In OSPFv3, an LSA whose propagation range is one area has _____ kind. (Fill in Arabic numerals only)

Answer:

9

NEW QUESTION: 104

Please match OSPFv3LSA with its transmission range.

Link-LSA	自治系统范围 HUAWEI
AS-external-LSA	区域内部传播
Network-LSA	本地链路范围

A. LinkLsAlocallinkrange

Answer: A (LEAVE A REPLY)

AS-external-LSA Autonomous system-wide intra-regional propagation

Network-LSA intra-regional spread

NEW QUESTION: 105

From this picture, we can judge

```
<R1>display bgp ipv6 routing-table
```

Total Number of Routes: 2	
Network : 3002:3	PrefixLen : 128
NextHop 3000:FEDE:3	LocPrf : 100
MED: 0	PrefVal 0
Path/Ogn-ii	
•>i Network3002:4	
NextHop 3000:FEDE:3	PreffecLen; 128
MED	LacPrf WO
PattvQgn 65001 i	PrefVal 0

A. R1have3002.-3/128and3002:.4/128routing

B. If not configured aboutAS_Pathrouting strategy, then3002:-4/128 -must not originate from AS 65001

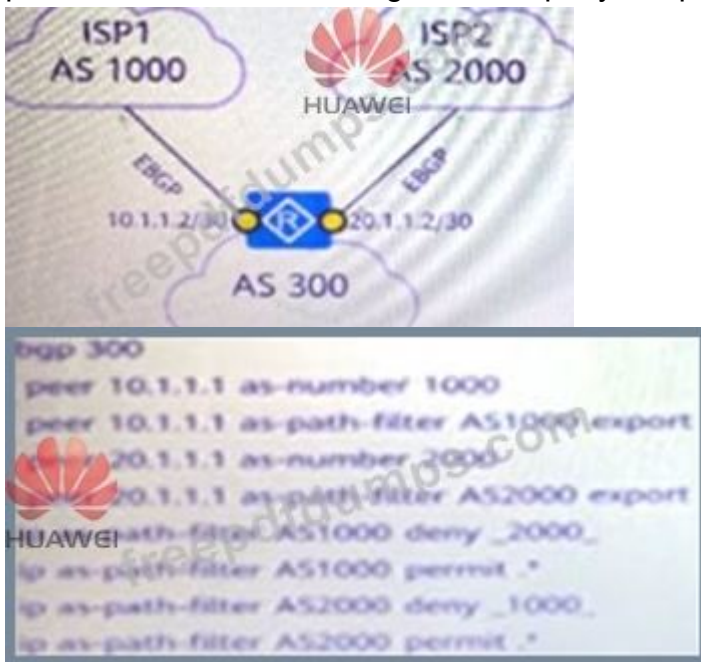
C. If not configured about AS_Path routing strategy, then 3002:4/28 must have originated from AS 65001

D. R1 does not have 3002:3/128 and 3002:4/128 routing

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 106

An enterprise purchased the leased lines of two operators. In order to optimize the route, the enterprise used the BGP 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.



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. FALSE

B. TRUE

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

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NEW QUESTION: 107

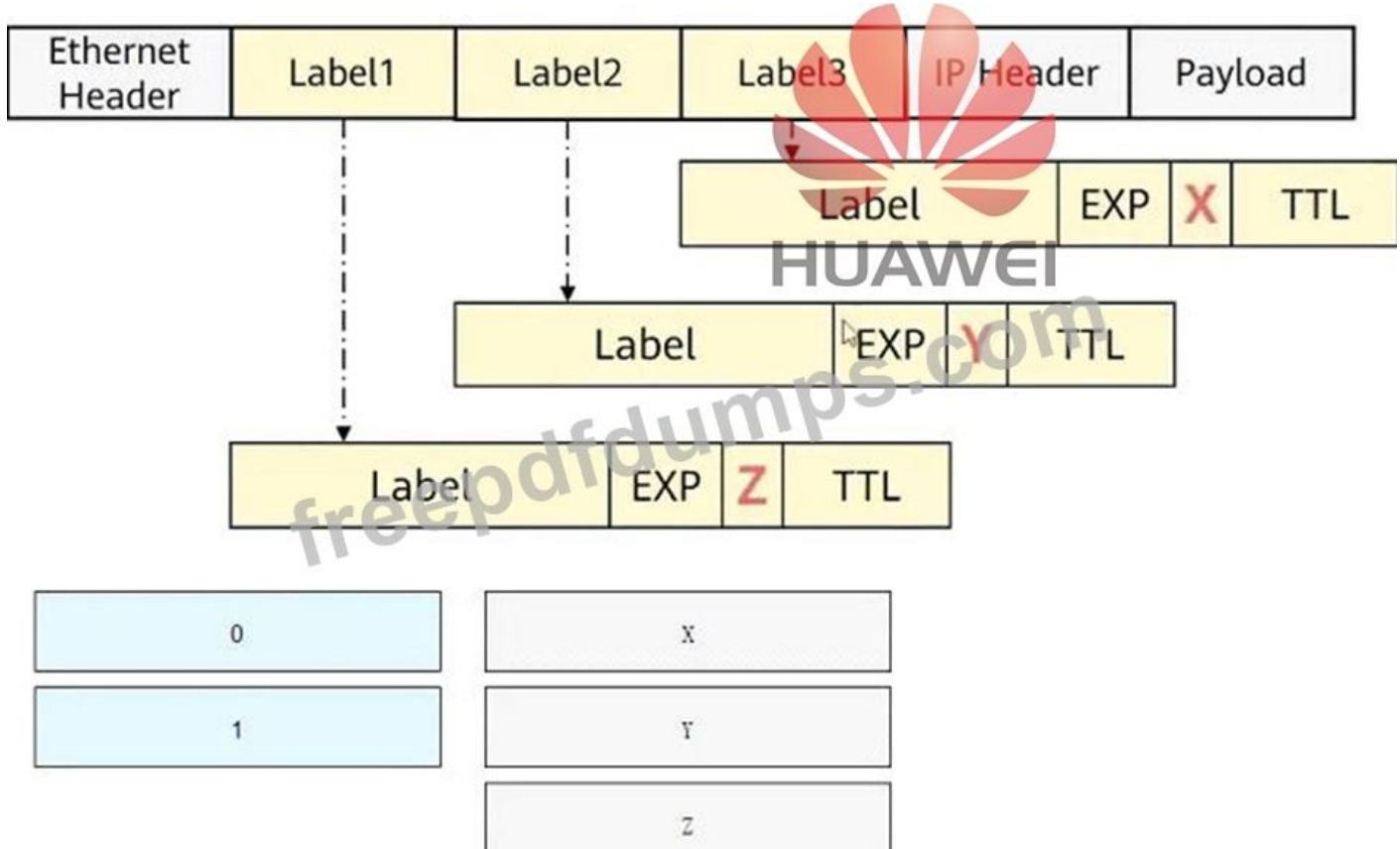
If you are faced with a complex network failure, and after evaluation, it is considered that the troubleshooting cannot be completed in a short time, and at this time the user urgently needs to restore the availability of the network, then which is the correct approach?

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 108

As shown in the figure, there is a packet containing a three-layer label header. Please select the values (decimal) corresponding to the x, and Z fields in the figure.



Answer:

YZX

NEW QUESTION: 109

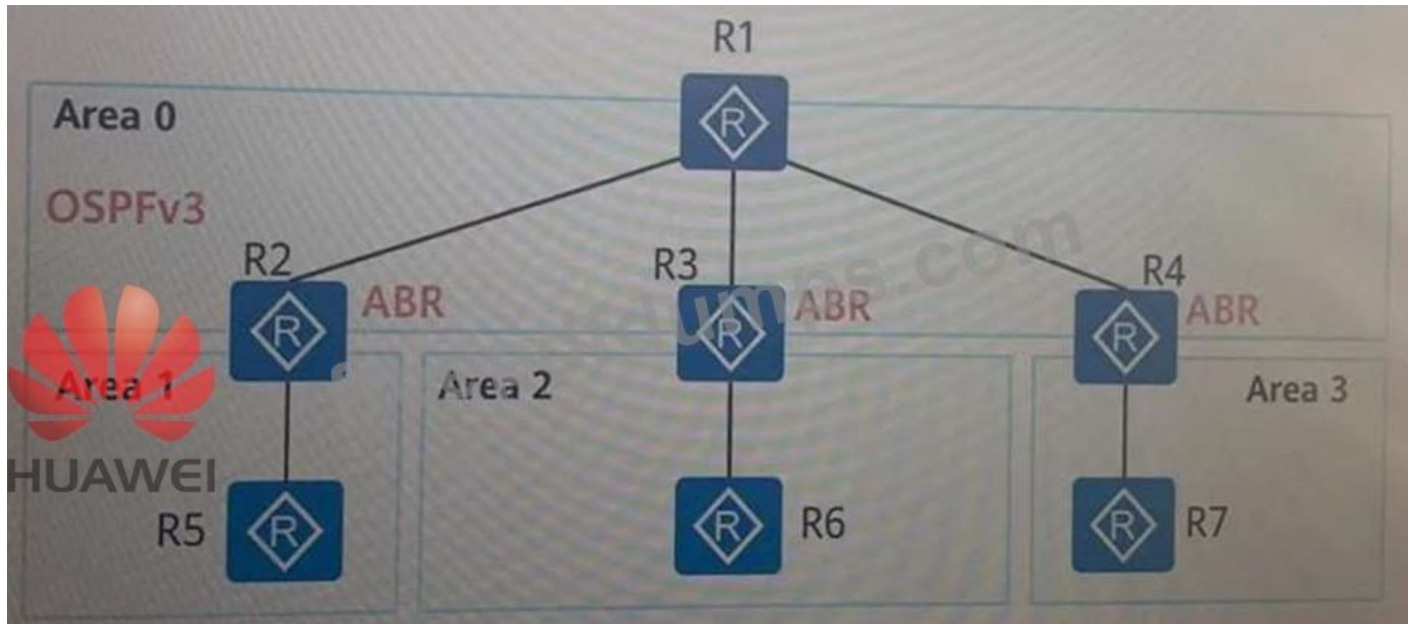
Senior engineers with rich experience can quickly solve faults only by experience, with high efficiency.

- A. False
- B. True

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

NEW QUESTION: 110

In the topology shown in the figure, the entire network runs OSPFv3 agreement in No. In the case of attracting external routes, R1 which type of LSA?



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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 111

The OSPF protocol runs between CE and PE, when CE1 advertises the route of the site to CE2. Which of the following description is wrong?

- A. The Domain ID configured by PE1 can be used as an extended community attribute of BGP and sent along with the route to PE2.
- B. When PE2 receives the same Domain ID as the local BGP route sent by PE1, PE2 will generate Type3 LSA for Type1 LSA and Type2 LSA
- C. When PE2 receives the same Domain ID as the local BGP route sent by PE1, for Type3 LSA, PE2 will generate Type5 LSA
- D. When PE2 receives a BGP route from PE1 that carries a different Domain ID from the local one, it is correct for all LSAs, and PE2 will generate Type5 LSA or Type7 LSA

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

NEW QUESTION: 112

What is the command to adjust the link cost value of an IS-IS interface?

- A. isis timer hello
- B. isis circuit-type
- C. isis circuit-level
- D. isis cost

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 113

What are the work that needs to be performed in the closing phase after the cutover acceptance is completed? (Multiple choice)

- A. Transition training
- B. Data transfer
- C. On-site defense
- D. Acceptance summary

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

NEW QUESTION: 114

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. CPU usage exceeds 70%
- B. 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
- C. Severe packet loss during network testing through the ping command
- D. The device cannot log in remotely

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

NEW QUESTION: 115

In the DU label distribution mode, if the Liberal retention mode is adopted, the device will retain all the labels distributed by the LDP Peer, regardless of whether the LDP Peer is the optimal next-hop to reach the target network segment.

- A. FALSE
- B. TRUE

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

NEW QUESTION: 116

As shown in the figure, all routers run OSPF, because R3 is in the backbone area, so in the LSDB of R3 There are no three types of LSAO

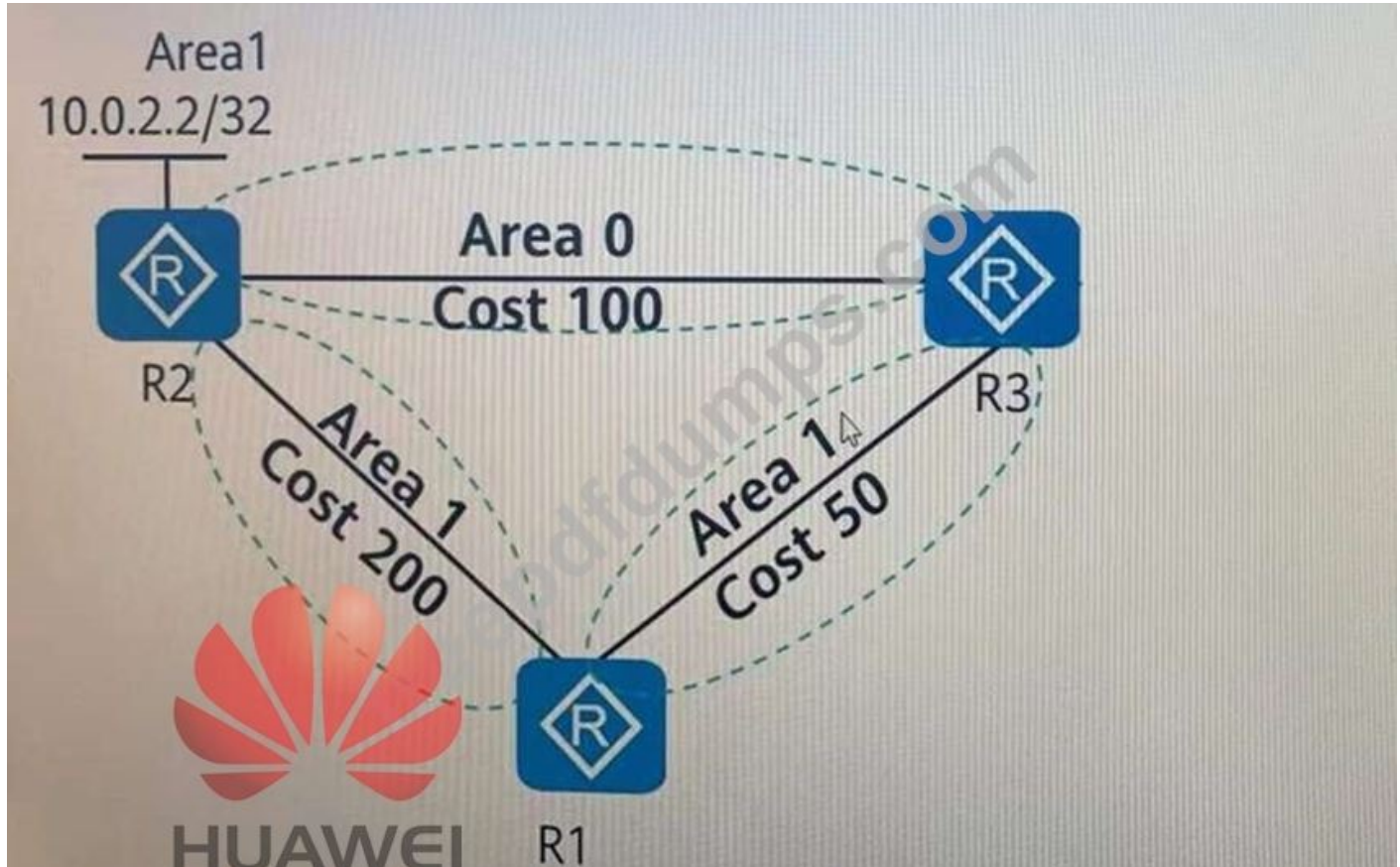


- A. True
- B. False

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

NEW QUESTION: 117

As shown in the figure, SF is enabled on all interfaces of the router, the cost value of the link is marked in the figure, and the Loopback0 interface of R2 is advertised in area 1, then the cost value of R1 reaching 10.0.2.2/32 is?



- A. 50
- B. 150
- C. 200
- D. 100

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

NEW QUESTION: 118

(Multiple Choice) Which LSAs in OSPFv3 can be flooded in an area?

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

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

NEW QUESTION: 119

(Drag and drop) Network administrator A needs to permit or deny some specific routes, but administrator A is not proficient in configuration. Please help administrator A to sort the

configuration reasonably so that the device can permit or deny specific routes according to the requirements in the figure.

Route	Permit/Deny
10.0.0.0/8	Deny
10.0.0.0/16	Permit
10.0.1.0/24	Permit
10.0.0.0/24	Deny
10.0.0.128/30	Deny
10.0.0.1/32	Permit

ip ip-prefix TEST deny 10.0.0.0 8 Less-equal 32	
ip ip-prefix TEST deny 10.0.0.0 24 less-equal 32	
ip ip-prefix TEST permit 10.0.0.0 16 less-equal 32	
ip ip-prefix TEST permit 10.0.0.0 30 less-equal 32	

Answer:

ip ip-prefix TEST deny 10.0.0.0 8 Less-equal 32	ip ip-prefix TEST permit 10.0.0.0 30 less-equal 32
ip ip-prefix TEST deny 10.0.0.0 24 less-equal 32	ip ip-prefix TEST deny 10.0.0.0 24 less-equal 32
ip ip-prefix TEST permit 10.0.0.0 16 less-equal 32	ip ip-prefix TEST permit 10.0.0.0 16 less-equal 32
ip ip-prefix TEST permit 10.0.0.0 30 less-equal 32	ip ip-prefix TEST deny 10.0.0.0 8 Less-equal 32

NEW QUESTION: 120

The Discovery message of LDP is used for neighbor discovery, and LDP has different discovery mechanisms when discovering neighbors. The following statement about the Discovery message in the basic discovery mechanism is correct

- A. The message is sent to the specified LDP Peer
- B. This message is encapsulated in UDP. In the message, the destination port number is 646

- C. TCPAfter the connection is establishedD. LSRdo not continue sendingHello Message
- D. Purpose of the messagelPaddress is multicastlPaddress224.0.0.2

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 121

MPLS has always been slower than IP forwarding.

- A. FALSE
- B. TRUE

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

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NEW QUESTION: 122

By default, which of the following types of secure MA, C addresses will be lost when the device restarts?

- A. Safe staticMA, Caddress
- B. black holeMA, Caddress
- C. Security DynamicsMA, C 1W
- D. Sticky MA, Caddress

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 123

The rules of RR advertising routes violate the rules of IBGP split horizon, so it may cause loops in the AS road. Which routing attributes does RR use to prevent loops?

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

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

NEW QUESTION: 124

Which of the following Community attributes can ensure that the propagation range of BGP routing entries is only within the AS? (Multiple choice)

- A. No_Advertise

- B. No_Export_Subconfed
- C. No_Export
- D. Interne

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

NEW QUESTION: 125

How many bits are there in the label field of PLS?

- A. 3
- B. 20
- C. 1
- D. 8

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

NEW QUESTION: 126

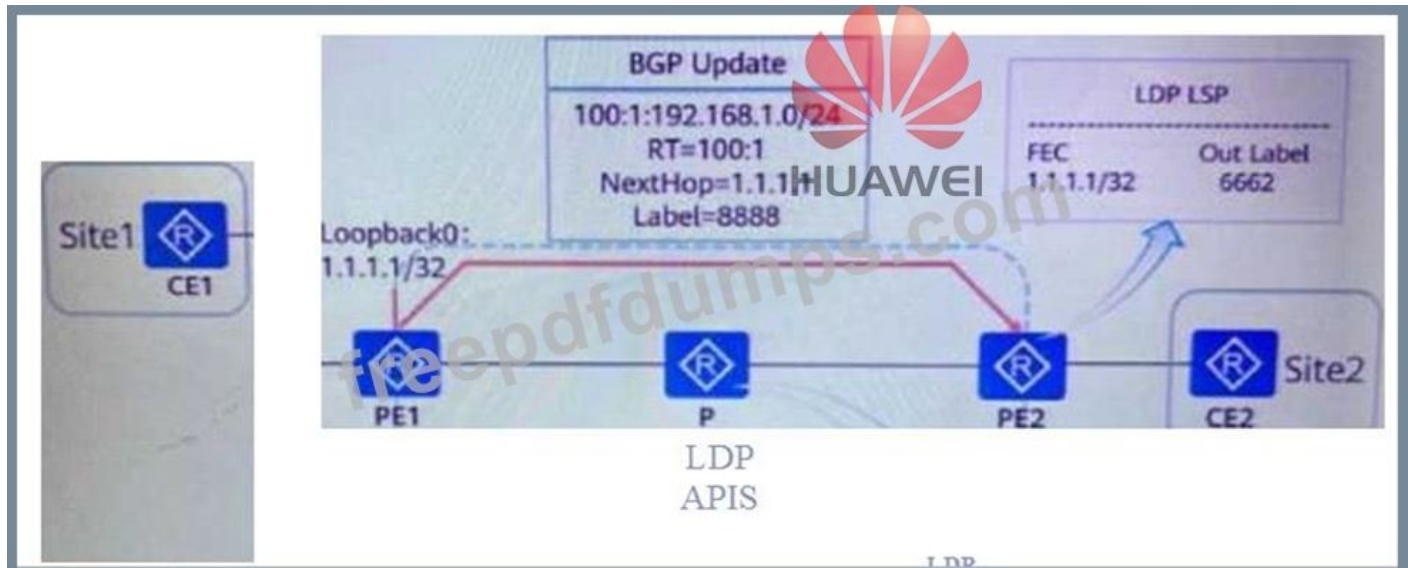
The RR rules for advertising routes violate the IBGP split horizon rules, which may cause loops in the AS. Which routing attributes does RR use to prevent loops?

- A. Originator ID
- B. AS-PATH
- C. Nexthop
- D. Cluster List k

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

NEW QUESTION: 127

As shown in the figure, Site1 and Site2 need to achieve mutual access through the operator's BGP/MPLS IPVPN. A known The public network tunnel between PE1 and PE2 has been established (the label information is shown in the figure), and PE1 has The 192.168.1.0/24 network segment route is advertised to PE2 through the MP.IBGP neighbor relationship, and the route learning is normal. When grabbing between P and PE1, when Site2 accesses the 192.168.1.0/24 data of Site1, the outermost label What should the sign be?



FEC In/Out label
1.1.1.1/32 6662/3

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

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

NEW QUESTION: 128

As shown below:

Repeated System ID : 17 Bad Circuit Type:0

Longer packet :0 More Area Addr :0

Longer Area Addr :0 Bad Area Addr TLV : 0

More IF Addr :0 Bad Formatted IF TLV : 0

Mismatched Area Addr(L1): 0 Mismatched Proto : 0

SNPA Conflicted (LAN): 0 Mismatched Level : 0

Mismatched Max Area Addr 0 HUAWEI Bad Authentication 0

- A. R3andR1ofIS-LevelMismatch
- B. R3andR1different area codes
- C. R3andR1ofIIHAuthentication failed
- D. R3andR1ofSystem

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

NEW QUESTION: 129

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

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

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

NEW QUESTION: 130

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

```
<Huawei>display ospf lsdb summary OSPF Process 1 with Router ID 10.0-12.1
Area: 0.0.0.0 link State Database

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

- A. ShouldLSAis of typeAS-external-LSA
- B. in the pictureLSAis generated by this router
- C. ShouldLSAThe described destination network is10.0.23.0/24
- D. This device isA, BR

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

NEW QUESTION: 131

If the sticky MA, C function is enabled on an interface, by default, the number of MA, C addresses learned by the interface is as large as few?

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

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

NEW QUESTION: 132

In order to prevent hackers from attacking user equipment or network through MAC address, the MAC address of untrusted users can be configured as black hole MAC address to filter out illegal MAC

- A. TRUE
- B. FALSE

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

NEW QUESTION: 133

Which of the following statements about the MP_REACH_NLRI attribute of BGP4+ is correct?
(Multiple choice)

- A. The value of AFI (address family) is 2, which represents IPv6
- B. When the length of the next hop address is 16, the Network Address of Next Hop carries the link local address
- C. The NLRI field carries IPv6 routing prefix and mask information
- D. The length of the next hop address can be 16 or 3

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

NEW QUESTION: 134

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. Send alert
- C. Flow filtering
- D. MAC address blocking

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

NEW QUESTION: 135

According to the configuration shown in the figure below, you can know that how many interfaces of R4 are advertised into IS-IS?

```
R4>display isis interface
```

Interface	Id	IPV4.State	IPV6.State	MTU	Type	DIS
GE0/0/0	001	Up	Down	1497	L1/L2	No/No
GE0/0/1	002	Up	Down	1497	L1/L2	No/No
Loop0	001	Up	Down	1500	L1/L2	--

- A. 3
- B. 1
- C. 0
- D. 2

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

NEW QUESTION: 136

A network engineer entered the following information when troubleshooting OSPF faults. Based on this, you can judge what causes the adjacency relationship to fail to be established normally?

OSPF Process 1 with Router ID 10.0.12.2			
OSPF error statistics			
Interface: GigabitEthernet0/0/0 (10.0.122)			
General packet errors:			
0	Bad version	0	Bad checksum
0	Bad area id	0	Bad authentication type
0	Bad authentication key	0	Unknown neighbor
0	Bad net segment	0	Extern option mismatch
0	Router id confusion		
HELLO packet errors:			
2	Netmask mismatch	0	Hello timer mismatch
0	Dead timer mismatch	0	Invalid Source Address

- A. Inconsistent area type
- B. Hell. Inconsistent message sending interval
- C. interfacelPInconsistent address masks
- D. Authentication passwords do not match

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

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