

Huawei.H12-831\_V1.0.by.Sima.106q

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**Exam Code: H12-831\_V1.0**

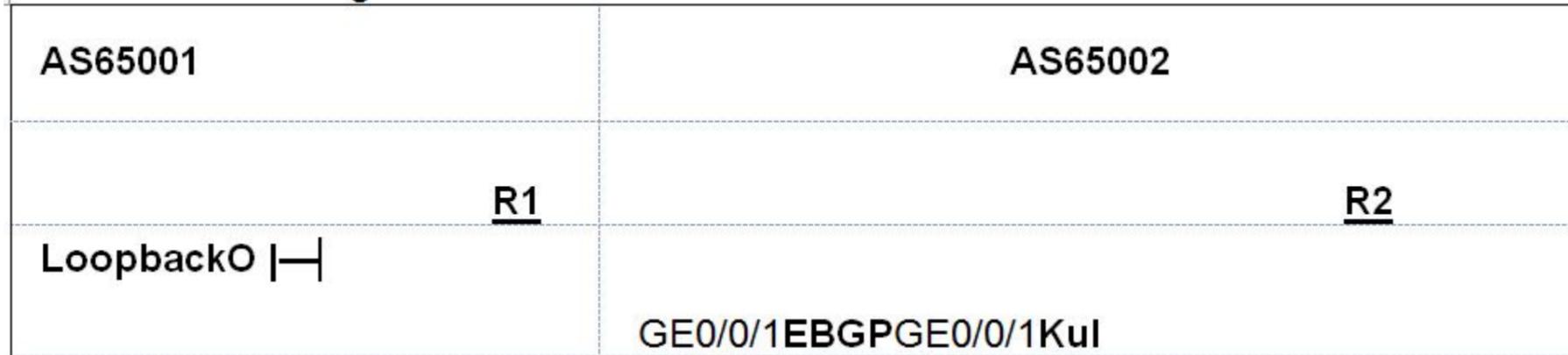
**Exam Name: HCIP-Datacom-Advanced Routing & Switching Technology V1.0**



Exam A

QUESTION 1

An engineer uses two routers to test IPv6 services, and simulates the interconnection between the headquarters and branches by running BGP4+. The logical topology of the network is shown in the figure. Regarding the transmission of IPv6 routes between the two devices, which of the following is a statement wrong?



- A. The Next\_Hop attribute must be an IPv6 global unicast address when routing
- B. BGP4+ transmits routing information between peers through Update packets
- C. If the MP\_REA, CH\_NLRI attribute is carried in the Update packet, it indicates that the advertisement is a reachable route
- D. When the route is transmitted, it will carry recognized mandatory attributes such as AS\_Path

Correct Answer: A

Section:

QUESTION 2

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

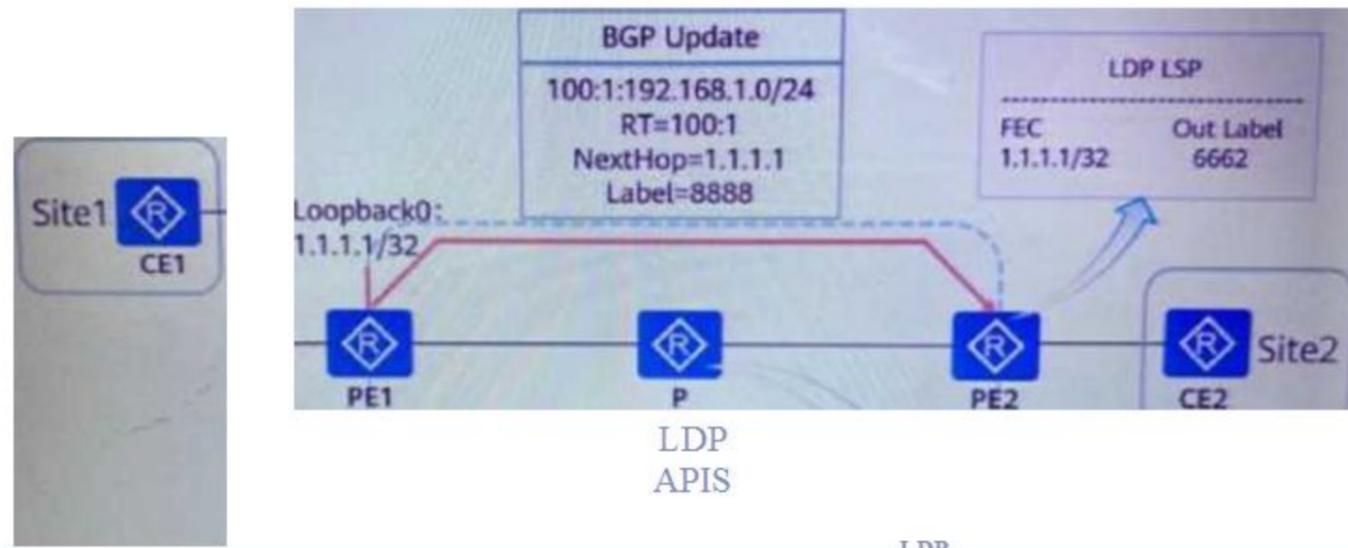
- A. 200\$|300\$
- B. A200|A300
- C. \_(200 300)\_
- D. \_[200 300]

Correct Answer: C

Section:

QUESTION 3

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. 6662
- C. 8888

**Correct Answer: C**  
**Section:**

**QUESTION 4**

BFDLink state detection at the heart (millisecond) level can be achieved.

- A. right
- B. wrong

**Correct Answer: A**  
**Section:**

**QUESTION 5**

Which of the following statements about the multicast address used by OSPFv3 is correct?

- A. DR routers use FF08::6
- B. All OSPF routers use FF08: 5
- C. All 5PF Routers use FF02:5
- D. DRThe router uses FF02::6

**Correct Answer: C, D**  
**Section:**

**QUESTION 6**

Fill in Blanks  
by executing\_\_\_\_\_The command can completely isolate the second and third layer users of different ports on the same LAN and cannot communicate. (Please use English and lowercase letters to complete the



command, and the command cannot be abbreviated)

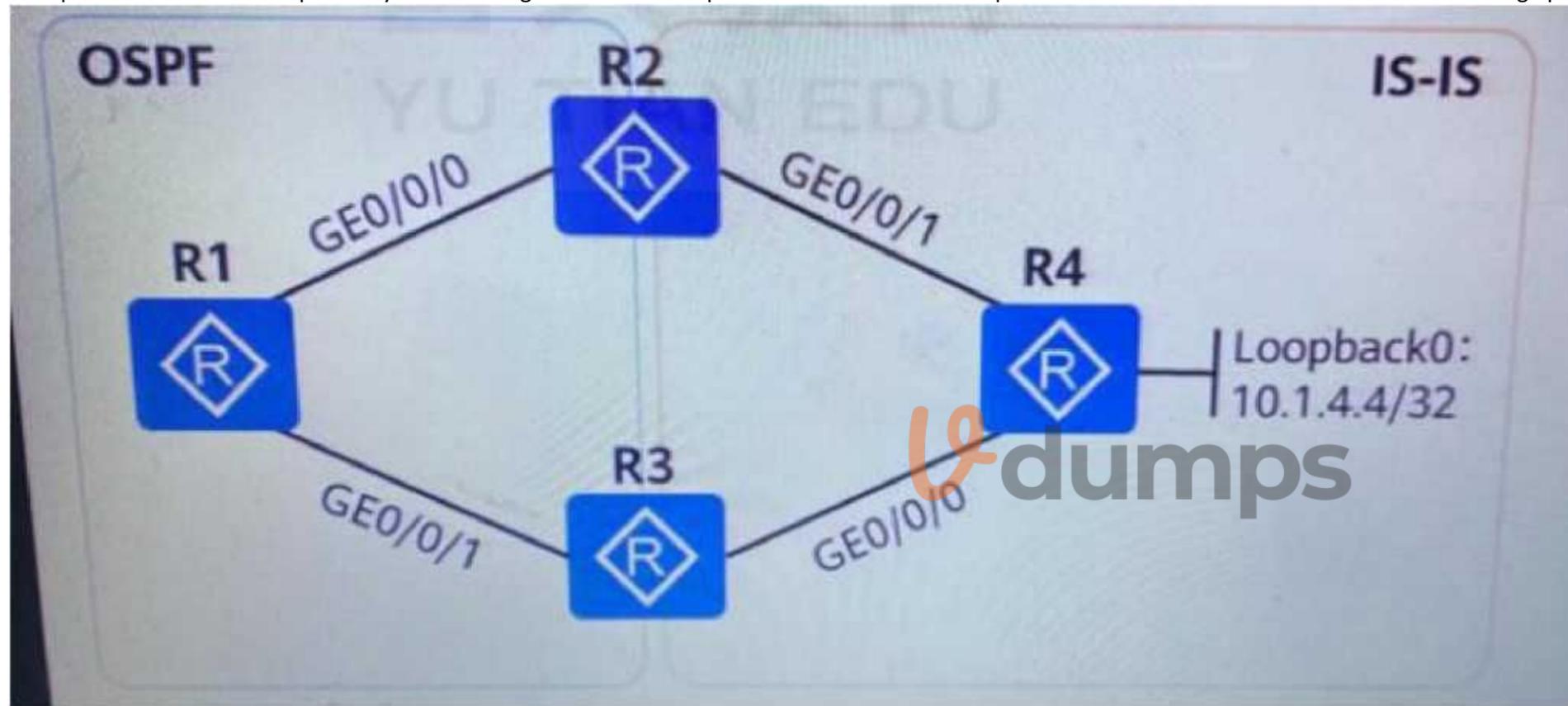
A. portisolateenable

**Correct Answer: A**

**Section:**

#### QUESTION 7

As shown in the figure, an engineer uses 4 routers to test branch network interoperability. Among them, R1, R2, and R3 in branch 1 deploy OSPF to implement network interoperability. R2, R3, and R4 in branch 2 deploy IS-IS to implement network interoperability. Now the engineer wants to implement R1 to access the loopback interface address of R4. Which of the following operations can meet this requirement?



- A. existR2ofOSFFprocess neutralizationIS-ISDuring the process, the default route is advertised separately
- B. No configuration required
- C. only atR2ofIS-ISDuring the process, the default route is advertised
- D. only atR2ofOSPFDuring the process, the default route is advertised

**Correct Answer: A**

**Section:**

#### QUESTION 8

The IS-IS Level-1 neighbor relationship between R3 and R4 is not established. According to the information in this figure\_What is the possible reason?

[Redisplay isis error			
Hello packet errors:			
◆◆■, ..			
Repeated System ID	: 0	Bad Circuit Type	0
Bad TLV length	: 0	Zero HoldingTime	:0
Unusable IP Addr	0	Repeated IPv4 Addr :	0
1 Mismatched Area Addr(L1): 13		Mismatched Proto	:0
1 SNPA Conflicted (LAN)	:0	Mismatched Level	:0
■ Mismatched Max Area Addr: 0		Bad Authentication	:0

- A. R3andR4the interconnect interfacecircuit-typeMismatch
- B. R3andR4different area codes
- C. R3andR4ofIS-LevelMismatch
- D. R3andR1ofIIHAuthentication failed

**Correct Answer: B**

**Section:**

**QUESTION 9**

SFFv2 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 has slightly different functions. Which of the following is not included in the LSA type of OSPFV3?

- A. AS-External-LSA
- B. Router-LSA
- C. ASBR-Summary-LSA
- D. Network-LSA

**Correct Answer: C**

**Section:**

**QUESTION 10**

Which of the following operations is not part of the middle stage of dissection?

- A. field defense



- B. cutover implementation
- C. Cutover preparation
- D. business test

**Correct Answer: D**

**Section:**

**QUESTION 11**

CutoverThe previous information collection can be used to determine whether the services before and after the cutover are normal.

- A. right
- B. wrong

**Correct Answer: A**

**Section:**

**QUESTION 12**

BGP authentication can prevent illegal routers from establishing neighbors with BGP routers. BGP authentication can be divided into ID5 authentication and Keychain authentication. Which of the followingBGP packets will carryBGPKeychain authentication information?

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

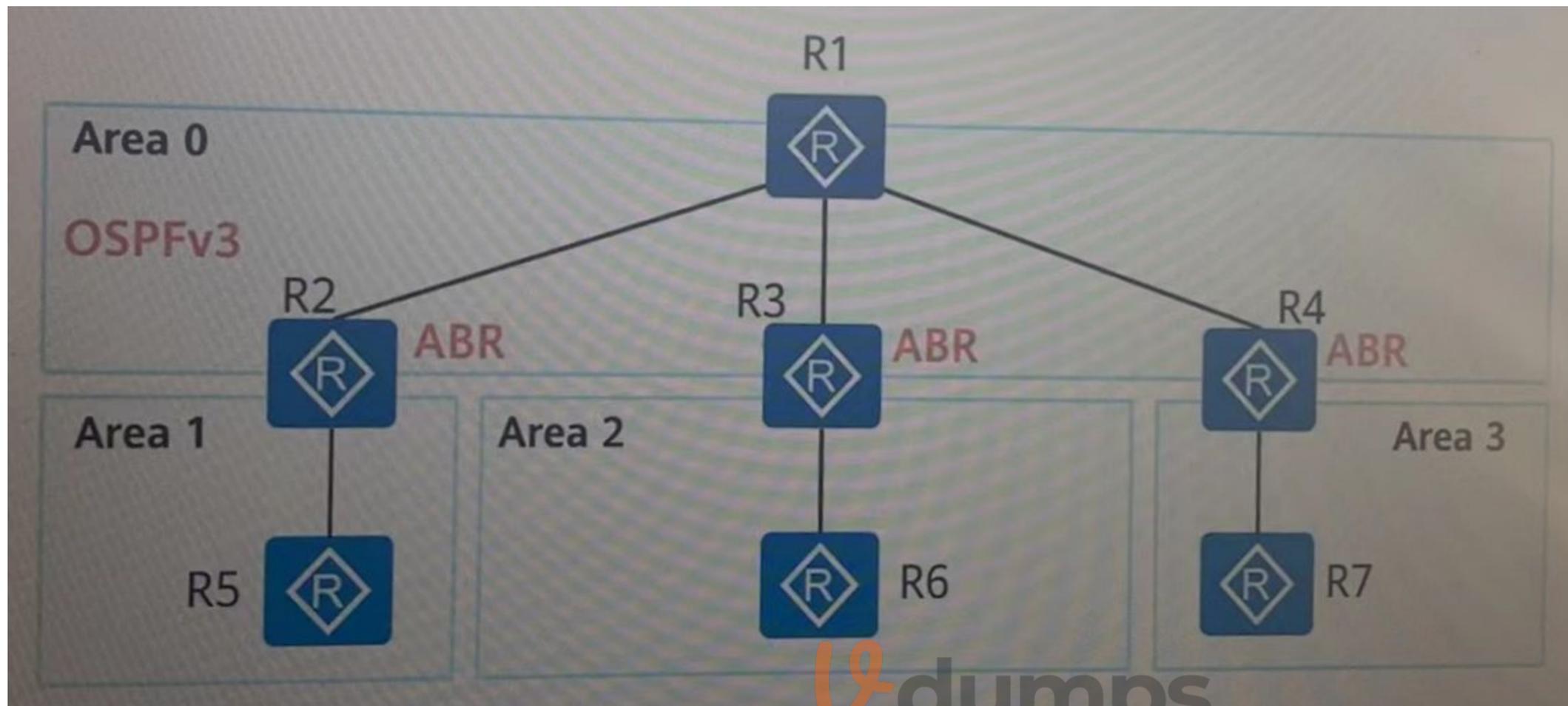
**Correct Answer: A, B**

**Section:**

**QUESTION 13**

In the topology shown in the figure, the entire network runsOSPFv3agreement inNoIn the case of attracting external routes,R1which type ofLAS?





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

**Correct Answer: C**

**Section:**

**QUESTION 14**

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

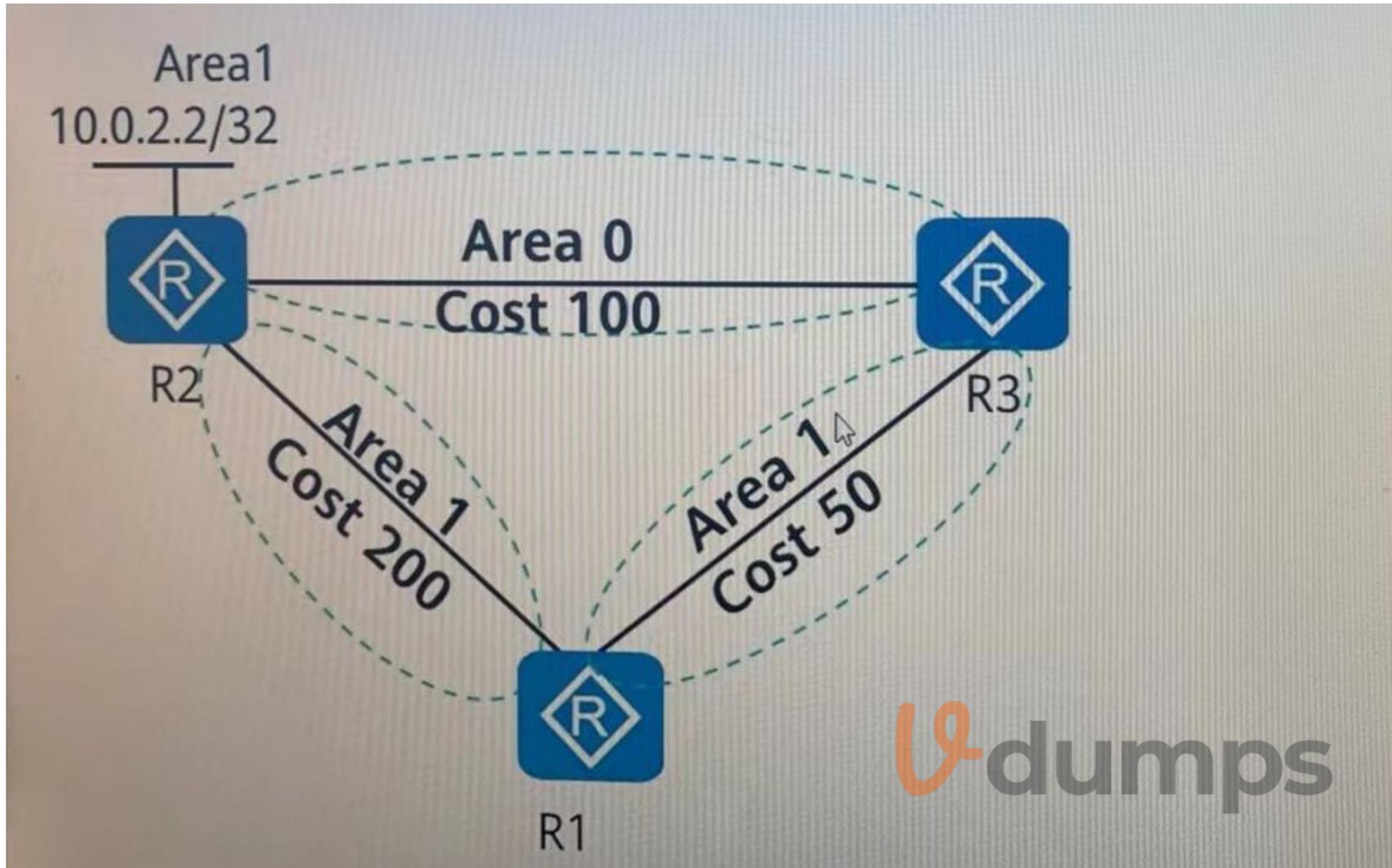
- A. 1
- B. 8
- C. 3
- D. 20

**Correct Answer: D**

**Section:**

**QUESTION 15**

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?



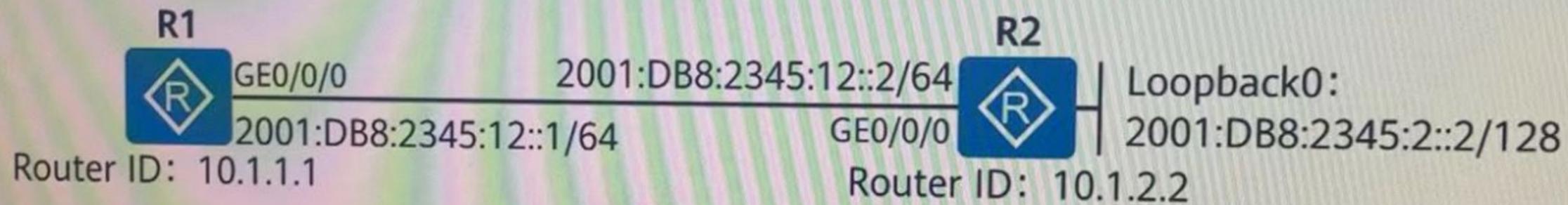
- A. 100
- B. 150
- C. 50
- D. 200

**Correct Answer: D**  
**Section:**

**QUESTION 16**

An engineer uses two routers to test IPv6 services, and runs OSPFv3 to implement IPv6 network interconnection. R1 is required to be able to access the loopback interface address of R2. The engineer checked the OSPFv3 routing table entry of R1, as shown in the figure, and found that there was no route to the loopback interface address of R2. Which of the following reasons could not be the cause?

OSPFv3  
Area0



[R1]display ospfv3 routing



Codes : E2 - Type 2 External, E1 - Type 1 External, IA - Inter-Area, N - NSSA, U - Uninstalled

OSPFv3 Process (1)

Destination	Metric	Next-hop
2001:DB8:2345:12::/64	1	directly connected, GigabitEthernet0/0/1

- A. R2 advertises the loopback interface into different OSPFv3 processes
- B. R2 does not have OSPFv3 enabled on the loopback interface
- C. R2 does not use network to advertise loopback address in area 0
- D. R2 is not configured with the Router ID used in the OSPFv3 process

Correct Answer: B

**Section:**

**QUESTION 17**

about OSPF Which of the following statements is false?

- A. For a pair of adjacent routers on an Ethernet link, it is normal to stop clearing in the 2-72 state
- B. Stalling in ExStart state may be a bad match between neighbor routers
- C. Stagnant IN the it state indicates that the router has received the neighbor's Hello message, but Hello message does not include this router's OSPF Router ID
- D. The two router databases are synchronized, SPF An error occurred in the calculation, it must be because of the Router ID repeated

**Correct Answer: A**

**Section:**

**QUESTION 18**

In the same environment, engineers A and B execute the traceroute command. The destination addresses are the same, but the paths are different. What are the possible reasons?



Engineer A:

```
<R1>tracert -A 172.16.1.1 172.16.1.4
```

```
1 10.1.12.2 10 ms 10 ms 10 ms
```

```
2 10.1.24.2 30 ms 10 ms 10.1.34.2 30 ms
```

Engineer B:

```
<R1>tracert -A 172.16.1.1 -P 33436 172.16.1.4
```

```
1 10.1.12.2 20 ms 20 ms 20 ms
```

```
2 10.1.34.2 30 ms 40 ms 20 ms
```

- A. The phenomenon is abnormal, the device has an operating system failure
- B. Engineer A's operation error
- C. Engineer B's operation error
- D. The destination port numbers of the UDR packets serving tracert are different, and the hashes reach different equivalent next hops.

**Correct Answer: D**

**Section:**

**QUESTION 19**

Which of the following is included in the routine collection of basic equipment information?

- A. License information
- B. Patch information

- C. The software version the device is running
- D. Whether the configuration is saved

**Correct Answer: A, B, C, D**

**Section:**

**QUESTION 20**

According to this picture, we can judge that R4 is on?

```
<R4>display ip routing-table protocol isis
```

Destination/Mask	Proto	Pre	Cost	Flags	NextHop	Interface
0.0.0.0/0	ISIS-L1	15	10	D	10.1.24.1	GigabitEthernet0/0/1
0.0.0.0/0	ISIS-L1	15	10	D	10.1.34.1	GigabitEthernet0/0/0
172.16.1.2/32	ISIS-L1	15	10	D	10.1.24.1	GigabitEthernet0/0/1
172.16.1.3/32	ISIS-L1	15	10	D	10.1.34.1	GigabitEthernet0/0/0

```
<R4>
```

- A. 1 default route
- B. 2 equal-cost default routes
- C. 2 default routes with different costs
- D. 4 equivalent default routes

**Correct Answer: B**

**Section:**

**QUESTION 21**

Fill in Blanks

IGP converges faster than BGP, which may cause network traffic loss. By enabling the OSPF and BGP linkage feature of the device, the device can keep the OSPF and BGP linkage during the set linkage time. \_\_\_\_ The router makes the link metric value in the LSA advertised to be the maximum value, so as to inform other OSPF devices not to use this router to forward data, so as to avoid traffic loss. (Note: If English letters are involved, all uppercase)

- A. STUBROUTER

**Correct Answer: A**

**Section:**

**QUESTION 22**

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)



```
[R3] ip route-static 10.1.4.4 32 10.1.34.4
#
[R3] ospf
[R3-ospf-1] import-route static
```

A. (10.1.23.2)

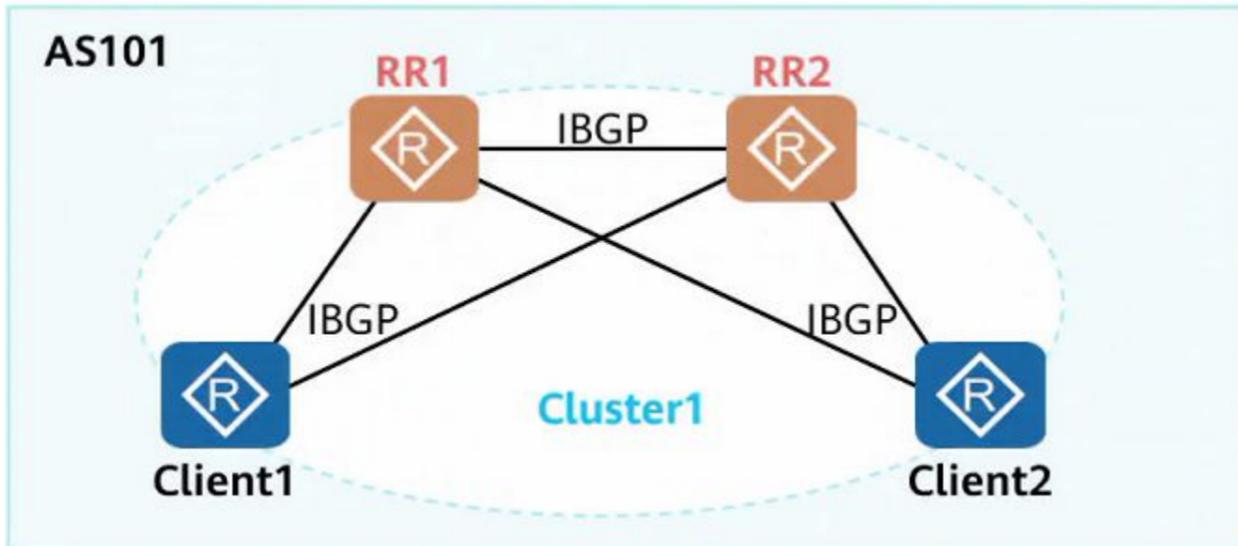
Correct Answer: A

Section:



**QUESTION 23**

As shown in the figure, in a medium-sized network, BGP generally deploys dual RRs to improve R reliability. When deploying dual RRs, the Cluster IDs of the two RRs are generally set to be the same. The reason for this is



- A. Prevent RR from receiving too many routes and causing insufficient memory
- B. prevent suboptimal
- C. prevent loops

D. Prevent the client from receiving too many routes and causing it to run out of memory

**Correct Answer: A**

**Section:**

**QUESTION 24**

According to this picture, you can judge

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

```
Public Routing Table: BGP
```

```
Summary Count : 1
```

```
BGP Routing Table's Status : < Active >
```

```
Summary Count : 1
```

```
Destination : 3002::3          PrefixLength : 128
NextHop      : 3000:FDEA::3     Preference   : 255
Cost         : 0                Protocol     : IBGP
RelayNextHop : FE80::2E0:FCFF:FE98:2577  TunnelID    : 0x0
Interface   : GigabitEthernet0/0/1      Flags       : RD
```

```
<R1>
```

- A. The optimal outgoing interface for R1 to access room 3000: FDEA::3 is GigabitEthernet0/0/1
- B. R1 with 3000:FDEA::3 is IBGP neighbor
- C. R1 has a TCP connection with 3000:FDEA::3
- D. R1 learned route 3002 through IBGP::3/128

**Correct Answer: B, D**

**Section:**

**QUESTION 25**

Link LSAs of OSPFv3 are propagated throughout the area.

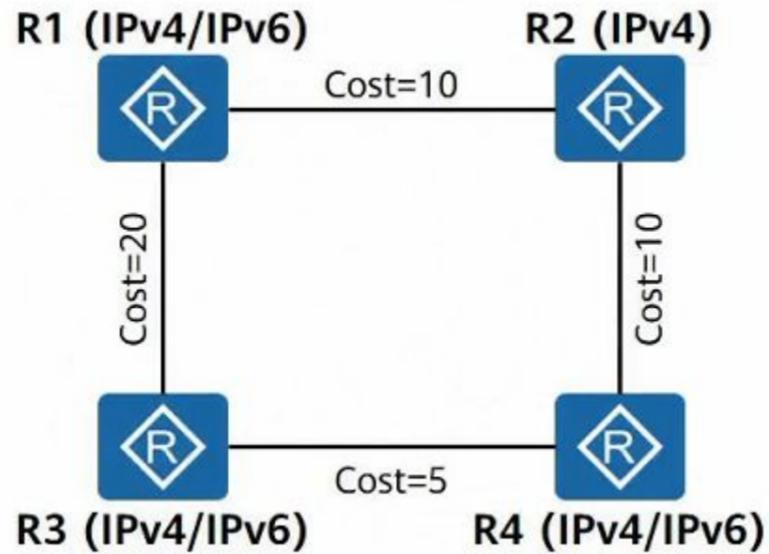
- A. right
- B. wrong

**Correct Answer: B**

**Section:**

**QUESTION 26**

IS-IS is a link-state routing protocol that uses the SPF algorithm for route calculation. As shown in the figure, a campus deploys both IPv4 and IPv6 and runs IS-IS to achieve network interconnection. R2 only supports IPv4. Which of the following statements is true about the topology calculation of this network?



- A. If you want IPv4 and IPv6 network computation to form the same shortest path tree, you need to run the `ipv6 enable topology ipv6` command to enable the IPv6 capability in the IS-IS process.
- B. By default, since R2 does not support IPv6, in the shortest path tree formed by IPv6 network calculation, the path from R1 to R4 is: R1-R3-R4
- C. By default, IPv4 and IPv6 networks will be calculated separately to form different shortest path trees
- D. By default, in the shortest path tree formed by IPv6 network calculation, the path from R1 to R4 is: R1-R2-R4. Since R2 does not support IPv6, R2 will directly discard IPv6 packets after receiving them, causing traffic loss.

**Correct Answer: B**

**Section:**

**QUESTION 27**

Please match OSPFv3LSA with its transmission range.



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

Network-1SA intra-regional spread

- A. Link LSA local link range

**Correct Answer: A**

**Section:**

**QUESTION 28**

The following description of TL in PLSHeader is correct:

- A. Limit the LSR
- B. Control of upstream equipment for label distribution
- C. Similar to the TTL in the IP header, it is used to prevent packet loops
- D. To control label distribution

**Correct Answer: C**

**Section:**

**QUESTION 29**

In PLSVPN, in order to distinguish IPv4 prefixes that use the same address space, the value of R0 is added to the IPv4 address. The correct description of the following options is:

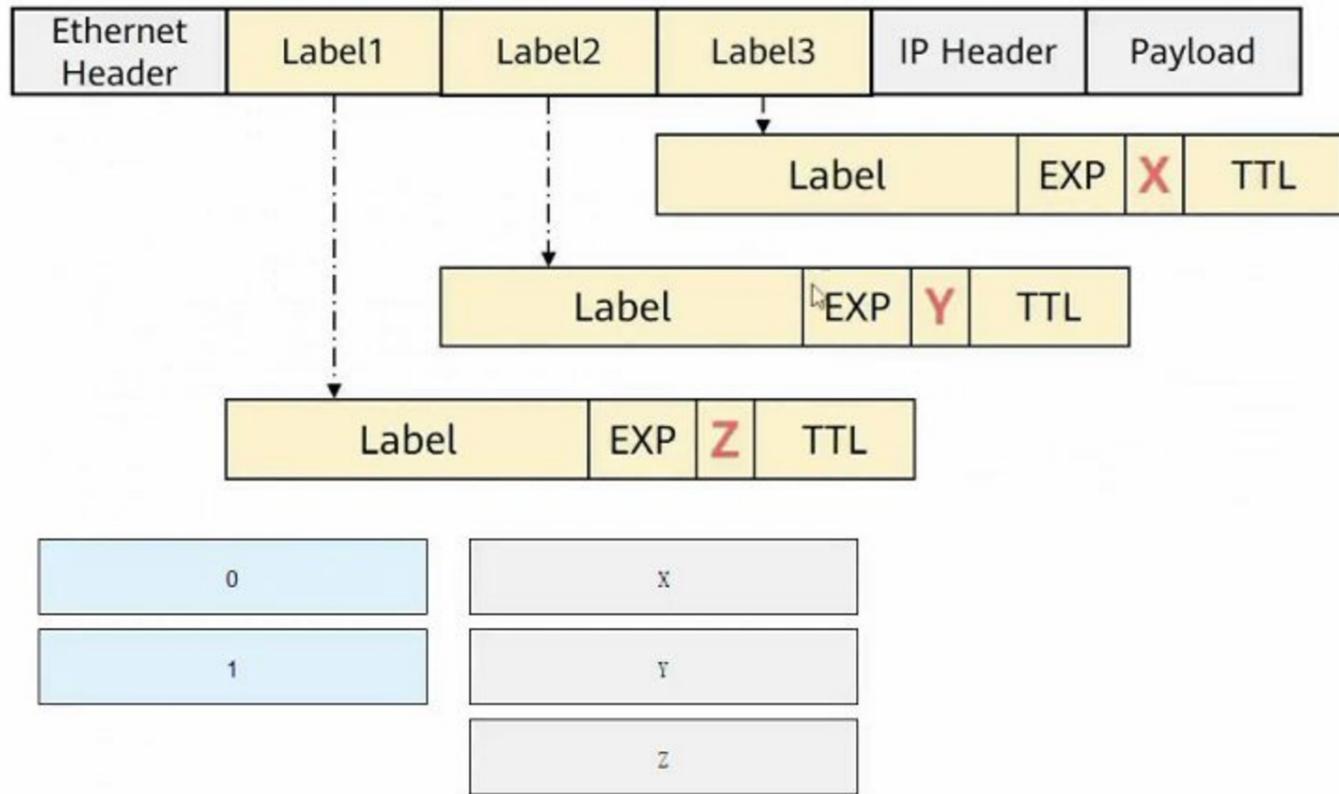
- A. On a PE device, each VP instance corresponds to a value of 0. On the same PE device, the RD value must be unique.\_\_\_\_, \_\_\_\_, \_\_\_\_.
- B. RD can be used to control the publication of 1 routing information
- C. RD is encapsulated in Update message as BGP extended community attribute during delivery
- D. After the PE receives the IPv4 route from the CE, it adds RD to the IPv4 route to convert it into a globally unique VPN-IPv4 route, and publishes it on the public network

**Correct Answer: A, C**

**Section:**

**QUESTION 30**

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.



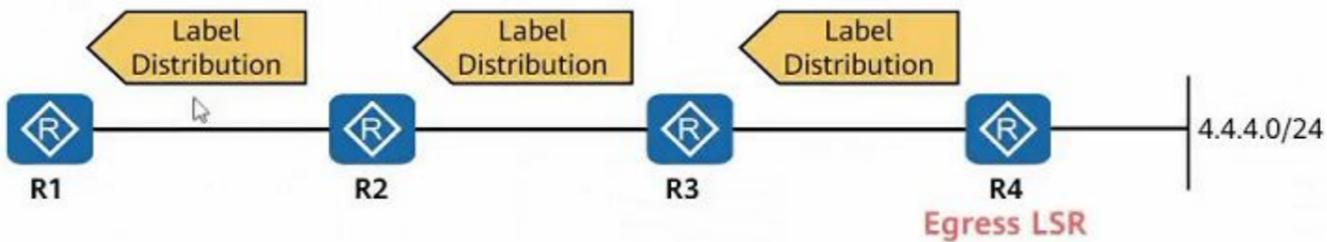
A. YZX

**Correct Answer: A**  
**Section:**



**QUESTION 31**

As shown in the figure, R1, R2, R3, and R4 are in the same PLs domain, and LDP is used to distribute IPLS labels between devices. R4 is the Egress LSR of the FEC 4.4.4.0/24. If you want to achieve R1 access 4.4.4.0/24, R4 does not need to query the label table but can know the forwarding priority of the data, then the outgoing label of R3 for the FEC should be: \_\_\_\_\_. (Please fill in the Arabic numerals directly, without symbols)



A. (0)

**Correct Answer: A**  
**Section:**

**QUESTION 32**

About the difference between NSR and NSF, which is correct?

A. NSP can be done without neighbor routers

- B. NSF must rely on neighbor routers to complete
- C. Both NSR and NSP require neighbor routers to complete
- D. NSR must rely on neighbor routers to complete

**Correct Answer: B**

**Section:**

**QUESTION 33**

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

**Correct Answer: B**

**Section:**

**QUESTION 34**

Network administrator A wants to use AS-Path Filter to match the BGP routing attribute AS\_PATH[100200300]. Network administrator A sorts out the four configurations in the figure. Which of the following configurations can meet the requirements of network administrator A?

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 *



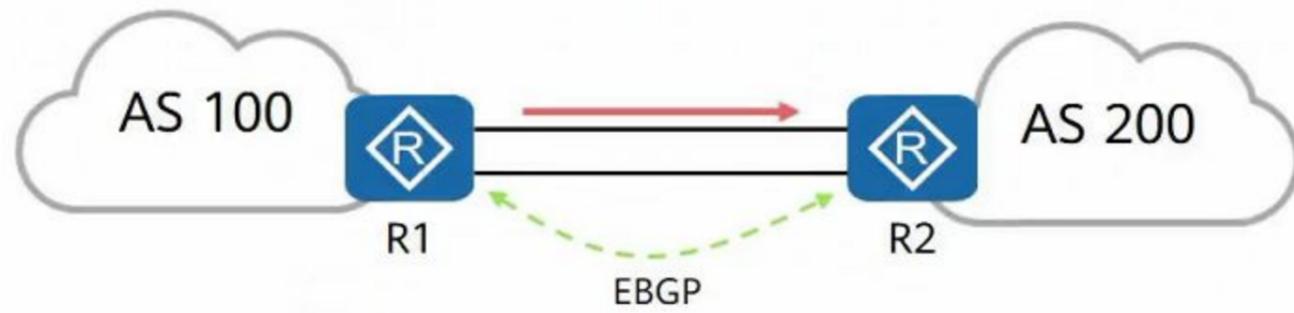
- A. way A
- B. way D
- C. WayC
- D. way B

**Correct Answer: A, D**

**Section:**

**QUESTION 35**

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. Yes
- B. wrong

**Correct Answer: A**

**Section:**

**QUESTION 36**

The routing policy tools that can be used by BGP mainly include Filter-policy and Route-policy. Fiter-policy can only filter routes, and Route-policy can only modify routes.

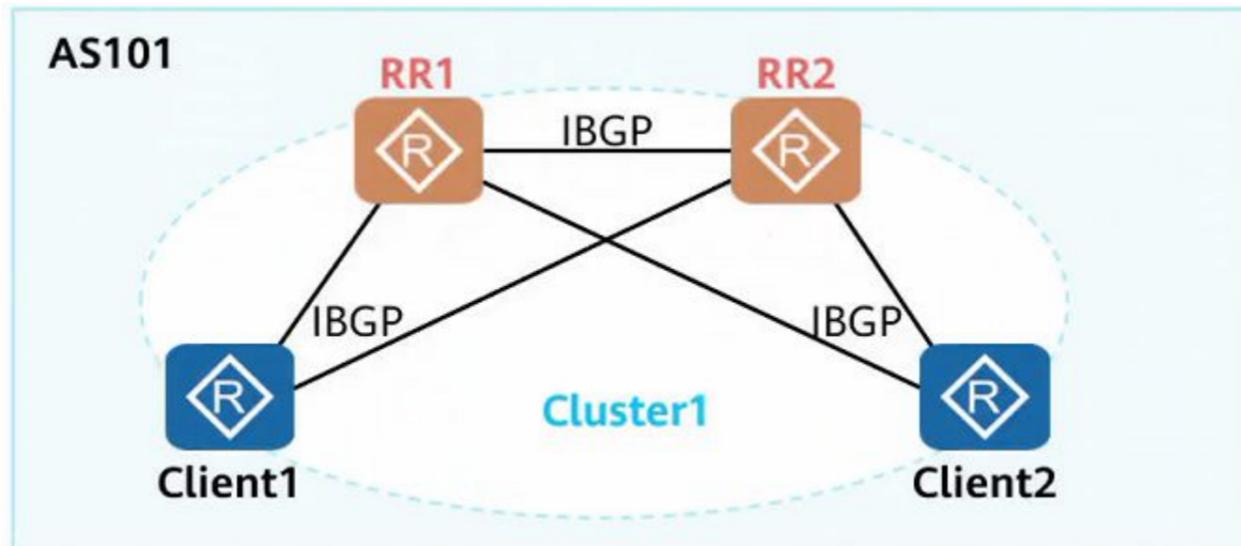
- A. Yes
- B. wrong

**Correct Answer: B**

**Section:**

**QUESTION 37**

As shown in the figure, in a medium-sized network, BGP generally deploys dual RRs to improve R reliability. When deploying dual RRs, the ClusterIDs of the two RRs are generally set to be the same. What is the reason for this?



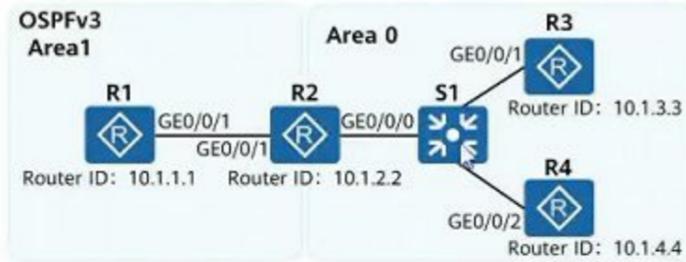
- A. Prevent RR from receiving too many routes and causing insufficient memory
- B. prevent suboptimal
- C. prevent loops
- D. Prevent the client from receiving too many routes and causing it to run out of memory

**Correct Answer: A**

**Section:**

**QUESTION 38**

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 (-|-|-|-)
```



- A. The router that generates this LSA is R2 port R2 connected
- B. IPv6 address prefix for GEO/0/0: 2001:DB8:2345:23::/64
- C. The link-local address of R2 interface GEO/0/0 is: FE80::2E0:FCFF:FEC, D:4F79
- D. The SA shows 2 does not support external routing, but participates in IPv6 routing calculation

**Correct Answer: A, B, C**

**Section:**

**QUESTION 39**

In BGP4+, what is the content of the next hop network address field carried in the P\_REA, CHLRI attribute in the Update packet?

- A. Can only be a global unicast address
- B. can just be a link-local address
- C. Can carry link-local addresses and global unicast addresses at the same time
- D. Only link-local addresses

**Correct Answer: C**

**Section:**

**QUESTION 40**

According to this picture, the door can be judged?

```
<R4>display isis Isdb
```

Database information for ISIS(1)					
Level-1 Link State Database					
LSPID	SeqNum	Checksum	Holdtime	Length	ATT/P/OL
ee8c.a0c2.baf2.00-00	0x00000009	0x4c44	1159	83	1/0/0
e^ca0c2.baf2.02-00	0x00000001	0x23b3	815	54	0/0/0
ee8ca0c2.baf3.00-00	0x00000000	0x462f	1187	83	1/0/0
ee8c.a0c2.baf3.0V00	0x00000001	0x2ed7	1082	54	0/0/0
ee8ca0c2.baf4.00-00*	0x00000004	0x8af5	1083	103	0/0/0

```
<R4>
```

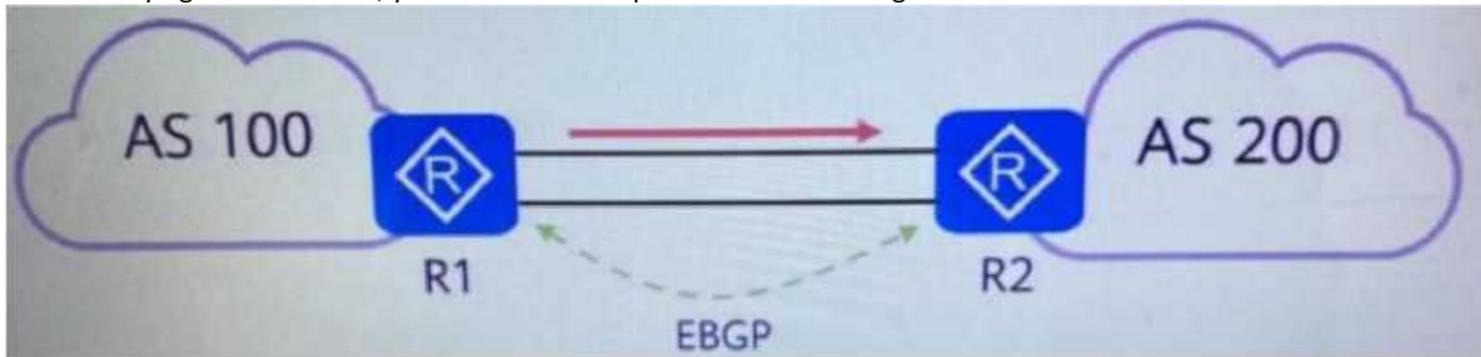
- A. R4 belong only to Level-2
- B. system-ID for ee8c.a0c2.baf2 device whose type is Level-1-2
- C. system-ID for ee8a0c2.baf2 device whose type is Level-1
- D. R4 belong only to Level-1

**Correct Answer: B, D**  
**Section:**



**QUESTION 41**

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. True
- B. False

**Correct Answer: A**  
**Section:**

**QUESTION 42**

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 LSA.



- A. True
- B. False

**Correct Answer: B**

**Section:**

**QUESTION 43**

From the user's point of view, any phenomenon that affects the business can be defined as a fault.

- A. True
- B. False

**Correct Answer: A**

**Section:**

**QUESTION 44**

The router ID of OSPF V3 needs to be configured in dotted decimal with a length of 128 bits.

- A. True
- B. False

**Correct Answer: B**

**Section:**

**QUESTION 45**

As shown in the figure, the operator's BGP/MPLS IP VPN backbone network builds SP through DP. If you want to implement user X

If the two sites communicate through the BGP/MPLS IPVPN network, PE1 and PE2 must use a 32-bit masked loopback interface address to establish an MP-IBGP peer relationship.

- A. True
- B. False

**Correct Answer: A**

**Section:**

**QUESTION 46**

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



**Correct Answer: A**

**Section:**

**QUESTION 47**

Network administrator A wants to use A, CL to match specific routing entries. Which of the following routing entries will be matched by the A, CL rules in the figure?

acl number 2000

rule 10 permit source 10.0.0.0 0.0.6.0

- A. 10.0.1.0/24
- B. 10.0.0.0/24
- C. 10.0.0.1/32
- D. 10.0.2.0/24

**Correct Answer: B, D**

**Section:**

**QUESTION 48**

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

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

**Correct Answer: A, B, C, D**

**Section:**



**QUESTION 49**

IS-/S supports multi-instance and multi-process, that is, one IS-S router. Multiple VPN instances can be configured with multiple IS-IS process associated. Are the following descriptions of IS-IS multi-instance and multi-process correct?

- A. individualIS-ISprocess can only be used with1individualVPNinstance association
- B. if oneIS-ISThe router creates multipleIS-ISProcess, each process does not affect each other, independent of each other
- C. 1individualIS-ISprocess can be associated with multiple differentVPNinstance association
- D. 1individualVPNInstances can be associated with multiple differentIS-ISprocess association

**Correct Answer: A, B, D**

**Section:**

**QUESTION 50**

Which of the following statements about the MP\_REA, CH\_NLRI attribute of BGP4+ is correct?

- A. The length of the next hop address can be16or3
- B. AFI (address family)value is2,representIPv6
- C. NLRIfield carryIPv6Routing prefix and mask information
- D. the length of the next hop address is16Time,Network Address of Next Hopcarries the link-local address

**Correct Answer: A, B, C**

**Section:**

**QUESTION 51**

When there are multiple redundant links in the IS-IS network, multiple equal-cost routes may appear. Which of the following statements is false about equal-cost routing within an IS-IS network?

- A. When the number of equal-cost routes in the network is greater than the number configured by the command, and these routes have the same priority, Preferred next hop deviceSystem IDLarge routes for load balancing
- B. If load sharing is configured, the traffic will be evenly distributed to each link
- C. After configuring equal-cost route priorityIS-ISWhen the device forwards the traffic reaching the destination network segment, it will not adopt the load balancing method, but forward the traffic to the next hop with the highest priority
- D. For each route in the equal-cost route, a priority can be specified, and the route with higher priority will be preferred. the rest as backup routes

**Correct Answer: C**

**Section:**

**QUESTION 52**

As shown below:

```
OSPF Process 1 with Router ID 10.0.12.1
Area: 0.0.0.0
Link State Database
```

Type : Sum-Net

Ls id : 10.0.23.0

Adv rtr: 10.0.12.2

Ls age: 61

Len: 28

Options: E

seq#:80000001 checksum : 0x3ae8

Netmask : 255.255.255.0

Tos 0 metric: 1 Priority : Low



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

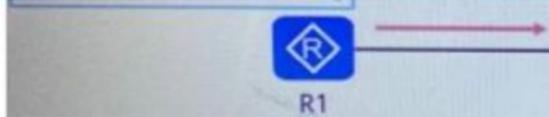
**Correct Answer: B**

**Section:**

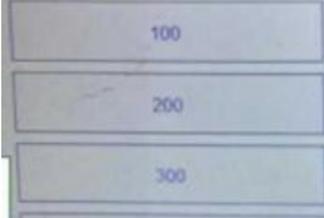
**QUESTION 53**

(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---A 400---B100---C 200---D
- C. 300---B 400---A 100---C 200---D
- D. 300---C 400---A 100---B 200---D

**Correct Answer: B**  
**Section:**



**QUESTION 54**

The routing attributes of the three routing entries are shown in the figure. Assuming that the next hops of the three routing entries are all reachable, when these three routing entries are After the entries arrive at the BP router in order, by default, BGP will finally call a route entry?

[Name	Prefix	AS.PATH	MED	IGP Cost
Route A	■ LVO/24	3	0	J2
Route B	10. VI.0/24	2	150	pi 1
Route C	10.1.1.0/24	¥	100	13

- A. Route B
- B. Route C
- C. Route A
- D. slightly

**Correct Answer: C**  
**Section:**

**QUESTION 55**

When troubleshooting the EBGP neighbor relationship, you find that the two directly connected devices use the loopback interface to establish a connection, so execute display current-configuration configuration bgp to

check the unitary setting of peer ebgp-max-hop hop-count, which of the following statements is correct?

- A. hop-count must be greater than 2
- B. hop-count must be greater than 15
- C. hop-count must be greater than 1
- D. hop-count must be greater than 255

**Correct Answer: C**

**Section:**

**QUESTION 56**

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

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

**Correct Answer: A**

**Section:**

**QUESTION 57**

As shown in the figure, OSPF is enabled on all interfaces of the router, and the ip address identified in the figure is the device's IP address.

Loopback0 presses the IP address of the port, R1, R2, R3EJLoopbacD is advertised in the area 1, R4

LoopbackkD advertises in area D and which of the following functional addresses can be pinged between the LoopbackD announcements of R5 and R5 in area 2?



Area 0  
10.0.1.1/32

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

**Correct Answer: C**

**Section:**

**QUESTION 58**

Which of the following is not part of the preparatory work for the cutover plan?

- A. field defense
- B. Cutover target
- C. Root description of the current network
- D. risk assessment

**Correct Answer: A**

**Section:**

**QUESTION 59**

In intra-domain MPLS VPN networks, data packets will be encapsulated with two layers of MPLS when they enter the public network and are forwarded. label, the description of the two-layer label in the following options is wrong

- A. MPLS VPNThe outer label is made byLDPprotocol or statically assigned, the inner label is assigned by the correct end MP-BGPassigned by neighbors
- B. MPLS VPNThe outer layer label is called the private network label, and the inner layer label is called the public network label
- C. By default, the outer label is singled out before the packet is forwarded to the last hop device
- D. Layer labels are used inPEThe device sends the packet correctly to the correspondingVPNmiddle

**Correct Answer: B**

**Section:**

**QUESTION 60**

[According to this picture, Peimen can judge?

cR3>display ipv6 routing-table protocol isis



```
Destination: 2082:EDFC:DDCC::B824:0
NextHop      :FE80::2EO:FCFF:FE45:6A3E
Cost
interface : G>gabitEthernet0/0/0
Destination : 2082:EDFC:DDCC::B891:0
V4 extHop   :FE80::2EO:FCFF:FE50::406F
Cost        :20
Interface : GigabitEthernet0/0/1
PrefixLength : 127
Preference   : 15
Protocol : ISIS-L1
Flags      : D
PrefixLength : 127
Preference : 15
Protocol : ISIS-L1
Flags      : D
```

- A. R3The device type must beLevel-1-2
- B. unable to judgeR3type of device
- C. R3The device type must beLevel-1
- D. R3The device type must beLevel-2

**Correct Answer: A**

**Section:**

**QUESTION 61**

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. Global enable DHCP Snooping function, without any post-parameters, the device only processes by default DHCPv4 message
- C. Enable in interface view DHCP Snooping function, then all the DHCP The message command function takes effect
- D. exist VLAN Enable in view DHCP Snooping function, then all interfaces of the device receive data belonging to this VLAN of DHCP The message command function takes effect

**Correct Answer: A**

**Section:**

**QUESTION 62**

In addition to virtual connections, what type of IPv6 address is the source IPv6 address of OSPFv3's Hello text?

- A. IPv6 anycast address
- B. unique local address
- C. Global Unicast Address
- D. link-local address

**Correct Answer: D**

**Section:**

**QUESTION 63**

Assuming that the neighbor relationship between BGP routers has been established successfully, the configuration on R1 is shown in the figure. ask for R1 Which router can the route entry 10.10.10.0/24 be delivered to the farthest?



```
AS 200
bgp 100
peer 13.X3 as-number 300
peer B3.33 connect * interface LoopBack0 peer 3.33.3 route-policy COMMUNITY eporx peer 3333 next >hop-local
peer Xl.3.3 advertise-cofnmunity
network 10.10.T0.0 24
route^poktcy COMMUNITY permit node 10 prefix COMMUNITY spply cocYWTUiiMty route-policy COMMUNITY permit node 20 p ip prefix COMMUNITr index 10 permit
```

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

**Correct Answer: C**

Section:

**QUESTION 64**

Run the display ip interface GEO/D/D command to view statistics about ping packets received on the interface.

- A. True
- B. False

**Correct Answer: A**

Section:

**QUESTION 65**

BGP/MPLS IP VPNs can only use LDP to construct public network tunnels.

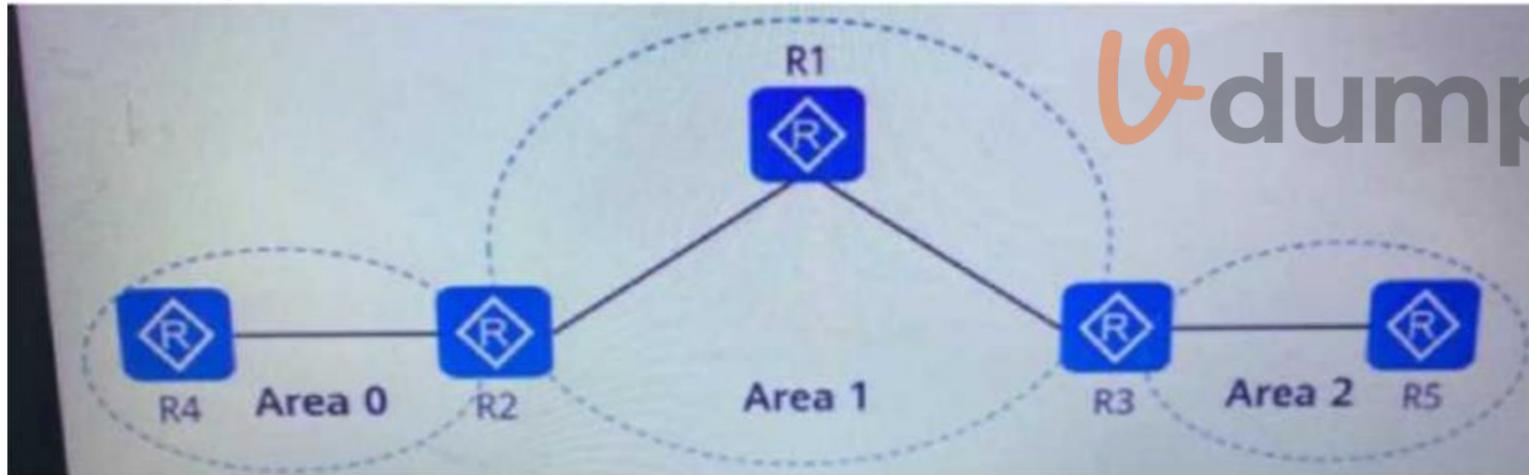
- A. True
- B. False

**Correct Answer: B**

Section:

**QUESTION 66**

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

**Correct Answer: B**

Section:

**QUESTION 67**

In an MPLS network, functions such as neighbor discovery, session establishment and maintenance, and label management are implemented by exchanging LDP messages between SRs running the DP protocol. To ensure the reliability of message delivery, all LDP messages are sent and received based on TCP connections.

- A. True
- B. False

**Correct Answer: B**

**Section:**

**QUESTION 68**

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

- A. correct
- B. mistake

**Correct Answer: B**

**Section:**

**QUESTION 69**

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

- A. 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
- B. becauseVPNflow is throughMPLSBackbone forwarding,sham linkThe routing cost should be less thanbackdoorroadOSPFrouting cost
- C. sham linkThe endpoint address of theBGPasVPhv4address published. passedsamlikThe route can also be reconfigured withVPNv4The form of routing is introduced toBGP
- D. 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

**Correct Answer: C**

**Section:**

**QUESTION 70**

What is the Router-ID of OSPFv3?

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

**Correct Answer: C**

**Section:**

**QUESTION 71**

Which of the following BGP routing attributes cannot control BGP routing?

- A. MED
- B. AS Path
- C. Community
- D. Originator ID

**Correct Answer: C**

**Section:**

**QUESTION 72**



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

```
isis 1
 is-level level-2
 cost-style wide
 network-entity 49.0022.ee8c.a0c2.baf1.00
#
isis 2 vpn-instance tt
 is-level level-2
 cost-style wide
 network-entity 47.00ce.390d.efdc.b3e1.00
#
```

```
3vpn-instarwce rr
level- 2
cost-style wide
-erntity 47.ccOa 3eft)btXlci-dael
```

- A. process2with process3The routing information is isolated
- B. process1Contains only global routing information
- C. process1Also contains global routing information. andVRFtt,rrrrouting information
- D. process2with process3routing information will be shared



**Correct Answer: A, B**

**Section:**

**QUESTION 73**

Which of the following are documents that need to be handed over as part of the wrap-up of a structured network troubleshooting process files?

- A. Maintenance suggestions to avoid this fault
- B. Troubleshooting Summary Report
- C. Troubleshooting Procedure Documentation
- D. slightly

**Correct Answer: A, B, C**

**Section:**

**QUESTION 74**

ping -a Xc Ys z -vpn-instance M 10.5.16.2, the meaning of this command is:

- A. ShouldpingsendYindividualICMPask
- B. ShouldpingofICMPThe request packet size isZ(excludingIPandICMPhead)
- C. Shouldpingpackage sourceIPaddress isX
- D. Shouldpingpackage belongs toVPNexampleM

Correct Answer: A, B, C, D

Section:

#### QUESTION 75

From this figure, it can be known that

<R1^>tracert 172.17.1.5

1	10.1.12.2	40 ms	1	0 ms	1	0 ms
2	10.1.24.2	30 ms	20 ms	20 ms		
3	10/134.1	20 ms	20 ms	20 ms		
A	10.1.1.3.1	20 ms	20 ms	1	0 ms	
5	10/1.12.2	20 ms	30 ms	20 ms		
6	10.1.24.2	30 ms	30 ms	30 ms		
	10.134.1	50 ms	40 ms	40 ms		
8	10.1.13.1	20 ms	30 ms	30 ms		
9	10.1.1.2.2	50 ms	40 ms	40 ms		

- A. R1access172.17.1.5There is a loop
- B. R1have access172.17.1.5routing
- C. R1no access172.17.1.5routing
- D. R1access172.17.1.5There is no problem with the path

Correct Answer: A, B

Section:

#### QUESTION 76

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 VPNEqual to any combination of division basis

Correct Answer: B, C

Section:

#### QUESTION 77

As shown in the figure, the MP\_BGP neighbor relationship is established between PE1 and PE2 through the LoopbackO interface. After the configuration is complete, it is found that CE1 and CE2 cannot learn routes from each

other. Which of the following options will cause this problem.



- A. PE1 or PE2 not present BGP-VPNv4 Enabling neighbors in unicast address family view
- B. PE1 or PE2 of VPN Instance parameter configuration error
- C. PE1 and PE2 between LSPTunnel not established
- D. PE1 or PE2 with each other CE misconfigured routing protocol between

**Correct Answer: A, B, C, D**

**Section:**

#### QUESTION 78

On the network shown in the figure, EBGP peer relationships are established between neighboring routers through directly connected interfaces. The AS number is 6500X, where X is the number of the router. Both R1 and R4 have static routes to 192.168.1.0/24, which are imported to BGP through the import-route command. By default, in the routing table of R3, which of the following is the AS\_Path attribute carried in the route to 192.168.1.0/24?

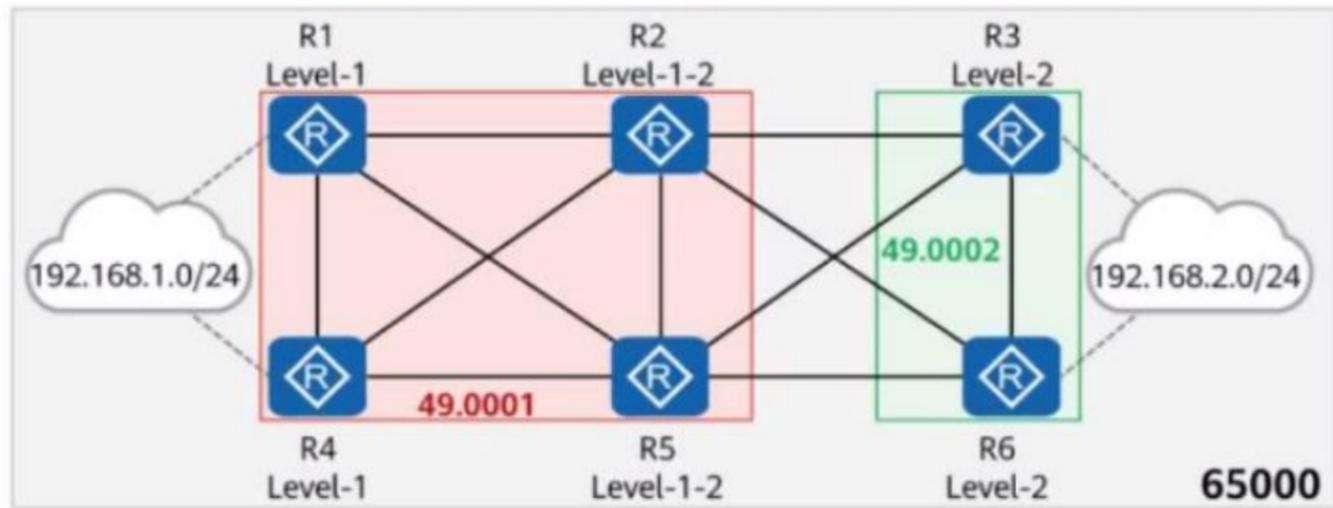
- A. 65002, 65001
- B. 65002, 65005, 65004
- C. 65006, 65005, 65004
- D. 65006, 65005, 65004, 65001

**Correct Answer: C**

**Section:**

#### QUESTION 79

On the network shown in the figure, IS-IS runs on R1, R2, R4, and R5, and the area ID is 49.0001. IS-IS runs on R3 and R6, and the area ID is 49.0002. In AS 65000, R1, R3, R4, and R6 each establish IBGP peer relationships with R2 and R5. R2 and R5 are RRs, and R1, R4, R3, and R6 are clients. The IBGP peer relationships are established using LoopbackO. The IP address of LoopbackO on each router is 10.0.X.X/32, and the router ID is 10.0.X.X, where X is the number of the router. R1 and R4 import the external route 192.168.1.0/24 to BGP through the import-route command, and R3 and R6 import the external route 192.168.2.0/24 to BGP through the import-route command. Which of the following statements are true?



- A. For 192.168.2.0/24, R2 preferentially selects the BGP route received from R3.
- B. For 192.168.1.0/24, R3 preferentially selects the BGP route received from R2.
- C. For 192.168.2.0/24, R5 preferentially selects the BGP route received from R3.
- D. For 192.168.1.0/24, R6 preferentially selects the BGP route received from R2.

**Correct Answer: A, B, C, D**

**Section:**

**QUESTION 80**

BGP allows you to use the filter-policy acl-number import command to filter received routes. The value of ad-number ranges from 2000 to 3999.

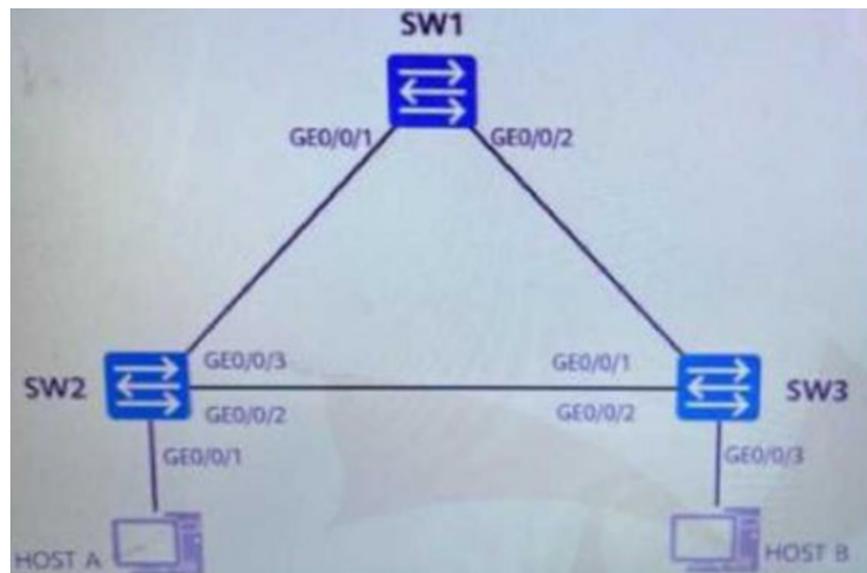
- A.  TRUE
- B.  FALSE

**Correct Answer: A**

**Section:**

**QUESTION 81**

As shown in the figure, the network has a loop because STP is not enabled. Which of the following phenomena may be bowed?



- A. Hosts receive a large number of broadcasts
- B. The device will generate a loop alarm
- C. equipment CPU occupancy is too high
- D. MAC address table flapping

**Correct Answer: A, B, C, D**

**Section:**

#### QUESTION 82

In an MPLS VPN network, data packets are forwarded when they enter the public network. They will be encapsulated with two layers of MPLS labels. Which of the following options describes the processing of the packet correctly:

- A. The data packet is forwarded to the egress PE equipment
- B. The egress PE device correctly sends the data packet to the corresponding VPN middle
- C. The outer label of the packet received by the penultimate hop device is 3
- D. The egress PE device received an untagged IP data packet

**Correct Answer: A, B**

**Section:**

#### QUESTION 83

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

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

**Correct Answer: A, B**

**Section:**

 Vdumps

**QUESTION 84**

During the process of viewing the debug input through the SSH terminal, there is a lot of pop-up information. Which of the following operations can make the monitor terminal no longer pop up the debug message?

- A. Open Notepad and enterundo terminal debugging, Copy the command line and paste it intoMonitorinterface
- B. Open Notepad and enterundo debugging all, Copy the command line and paste it intoMonitorinterface
- C. Open Notepad and enterundo terminal monitor, Copy the command line and paste it intoMonitorinterface
- D. exit currentMonitorinterface, re-SSHLog in to the device to open a new oneMonitorinterface

**Correct Answer: A, B**

**Section:**

**QUESTION 85**

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						
1Typ*-	LinkState ID	AdvRouter	Age	Len	Sequence	Metric
Router	172.16.1.3	172.16.1.3	216	60	80000000	1
.Ro—T	72.16.1.2	172.1.2	214	60	80000008	
r	172.16.1.1	172.1.1	217	60	80000007	
,		1 * 1			sooooooc)^>	
		1 7 1 & 1."			member-	0
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. have8individualMAThe internet
- B. area. have4individualMAThe internet
- C. area. have4router
- D. area. have8router

**Correct Answer: B, C**

**Section:**

**QUESTION 86**

Which of the following statements about VLAN aggregation is true?

- A. Super-VLANOnly physical interfaces cannot establish Layer 3VLANIFinterface
- B. OneSuper-VLANcan contain one or moreSub-VLAN

- C. Sub-VLAN Contains physical interfaces. Three layers can be built VLAN interface
- D. Sub-VLAN for isolating broadcast domains

**Correct Answer: B, D**

**Section:**

**QUESTION 87**

Which of the following sequences can be matched by the regular expression 100.S

- A. 100
- B. 1000
- C. 10000
- D. 1001

**Correct Answer: B, D**

**Section:**

**QUESTION 88**

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 10.1.3.0.0.0.0
network 172.16/1 1 0.0.0.0
ospf 2 vpn-instance tt
area 0.0.0.0
network 10.1.1.0.0.0
```

- A. VRF tt The routing information will appear in OSPF process 1 in the routing table
- B. process 1 and process 2 of OSPF LSDB within its area LSAs inconsistent
- C. process 1 and process 2 of OSPF-LSDB area 0 LSAs exactly the same
- D. VRF tt The routing information will not be available now OSPF process 1 in the routing table

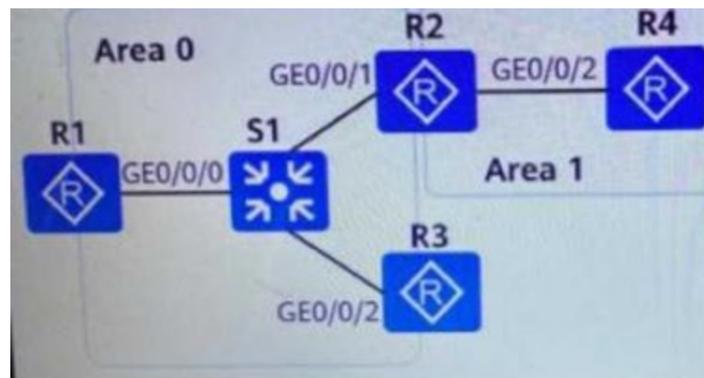
**Correct Answer: B, D**

**Section:**

**QUESTION 89**

As shown in the figure, a park has deployed IPv6. For business testing, the network has 4 routers. Run OSPFv3 to realize network interconnection. About the OSPFv3 network generated LSAs, which of the following statements is wrong?





- A. R1 will produce Router-LSA. Describing the device interface information will be received at the same time R2 and R3 produced Router-LSA
- B. R1 of LSDB have R3 produced Network LSA. illustrate R3 may be from this link DR
- C. R1 will receive R2 produced 2 individual Link-LSA. Describe separately R2 Information about the two links connected
- D. R2 as A, BR will produce Inter-Area-Prefix-LSA describe Area 1 of IPv6 address prefix, and advertise Give R1 and R3

**Correct Answer: C**

**Section:**

**QUESTION 90**

As shown, all routers run OSPF. Which of the following statements is correct?



- A. R2 in the area 1 and area 0 will generate Router LSA
- B. R2 will R3 Generated Router LSA forward to R1
- C. R2 will R1 Generated Router LSA forward to R3
- D. R2 only in area 0 generated in Router LSA

**Correct Answer: A**

**Section:**

**QUESTION 91**

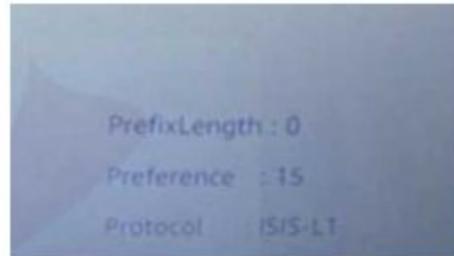
According to this figure, which statement is correct about the IPv6 routing information calculated by the R4 router through IS-IS?

## Public Routing Table:ISIS

Summary Count2

```
Destination                               PrefixLength: 0
NextHop FE80::2E0:FCFF:FE982576          Preference 15
Cost                                       Protocol : IS/S-LJ
Interface GigabitEthernetO/O/O
```

```
Destination
NextHop PE8C ZeOFC-FFEA *813
Cost 10
```



```
Destination::
NextHop : FE80::2E0:FCFF:FE982576
Cost
Protocol : IS/S-LJ
```

Destination:- PrefixLength : 0

NextHop : FE80 2E0:FCFF:FEA7:5813 Preference : 15

Cost Protocol : IS/S-L I

interface GigabitEthernetO/O/1



- A. day4have1stripIS-ISdefault route
- B. R4have2equivalentIS-ISdefault route
- C. R4have2not equivalentIS-ISdefault route
- D. R4withoutIS-ISrouting entry for

**Correct Answer: B**

**Section:**

### QUESTION 92

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. whenPE2receivePE1sentBGProutedDomain IDcorrect for all when different from localLSA. PE2will generateType5LSAorType7 LSA
- B. whenPE2receivePE1sentBGProutedDomain IDWhen the same as local, forType1LSAandType2LSA. PE2will generateType3 LSA
- C. whenPE2receivePE1sentBGProutedDomain IDSame as local forType3 LSA. PE2will generateType5 LSA
- D. PE1configuredDomain IDcan be used asBGPTThe extended community attribute of is sent with the route toPE2

**Correct Answer: C**

**Section:**

### QUESTION 93

In the process of establishing an LDP session, the active party will first send Initialization information to negotiate parameters. If the passive party does not accept the negotiated parameters, it will send it.

- A. Keepalive Message
- B. Initialization Message
- C. Hello Message
- D. Error Notification Message

**Correct Answer: D**

**Section:**

#### QUESTION 94

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

**Correct Answer: B**

**Section:**

#### QUESTION 95

The Router LSA of a router is shown in the figure. Which of the following statements is wrong?

- A. of this routerRouter IDfor10.0.12.1
- B. This router isDR
- C. This router has established an adjacency relationship
- D. This router supports external route import

**Correct Answer: B**

**Section:**

#### QUESTION 96

Which of the following statements about IPSG is false?

- A. IPSGcan preventIPaddress spoofing attack
- B. IPSGis a source based on a three-layer interfacelPaddress filtering technology
- C. IPSGcan be turned onIPPacket inspection alarm function, linked with the network management to alarm
- D. able to passIPSGPrevent the host from changing privatelyIPaddress

**Correct Answer: B**

**Section:**

#### QUESTION 97

Match the alarm severity to the severity of the fault and countermeasures



<b>Critical</b>		<b>There are potential females. Longevity is required for daily optimization</b>
<b>Major</b>		<b>Have vision for strong affairs</b>
<b>Critical-1, Major-2, Minor-2, Warning-4</b>		<b>Foot flank quality work common time track hoe1</b>
<b>B, Critical-4, Major-2, Minor-1, Warning-3</b>		<b>The rope section service is available for fear that it must be dealt with immediately</b>

- A. Critical-1, Major-3 Minor-2. Warning-4
- B. Critical-4, Major-2. Minor-1, Warning-3
- C. Critical', Major-2, Minor-3, Warning-4 A
- D. Critical-3, Major-2, Minor-1, Warning-4

**Correct Answer: B**

**Section:**

**QUESTION 98**

If display current-configuration can reach the setting of !IS-IS, and display saved-configuration can reach the setting of IS-IS, and there is no IS-IS setting in the configuration, so that means?

- A. FlashRunningIS-ISconfiguration, not saved to memory
- B. memory is runningIS-ISConfiguration saved toFlash
- C. nothing enteredIS-ISThe command
- D. memory is runningIS-ISconfiguration, not saved toFlash

**Correct Answer: D**

**Section:**

**QUESTION 99**

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

- A. SPFCalculated atIPv4,IPv6in the topology of the
- B. has no meaning
- C. not supportIPv6ofSPFcalculate
- D. IPv4,IPv6use the same topologySPFcalculate

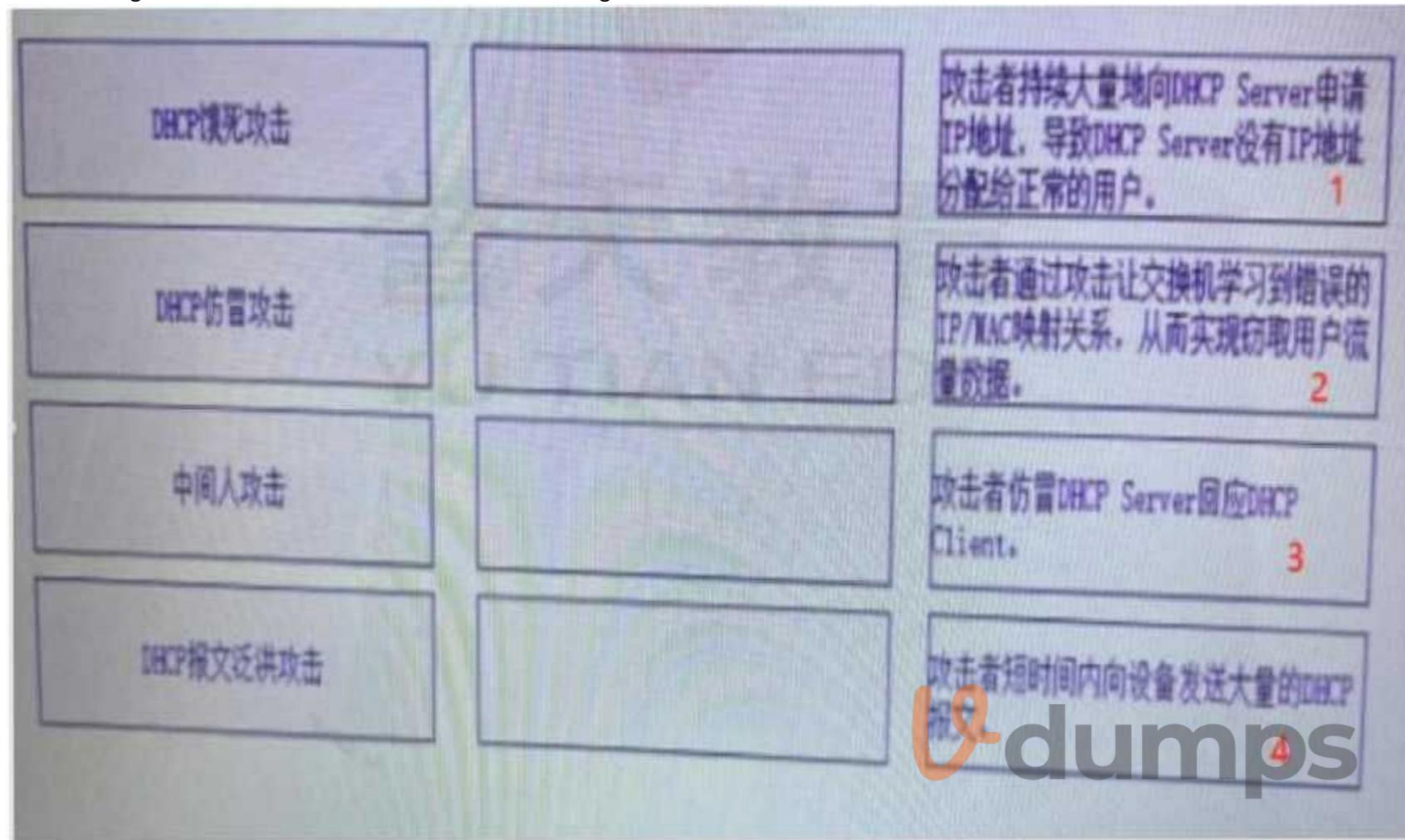
**Correct Answer: A**

**Section:**

**QUESTION 100**



The following six tools cannot be used to match BGP routing entries?



- A. Community Filter
- B. advancedA, CL
- C. basicA, CL
- D. IP Prefix List

**Correct Answer: B**

**Section:**

#### QUESTION 101

Please pair the following DHCP attack types with corresponding explanations.

- A. DHCPstarvation attack-3 DHCPPhishing attack man-in-the-middle attack-2 DHCPpacket flood attack-4
- B. DHCPstarvation attack-2 DHCPPhishing attack-3man-in-the-middle attack-1 DHCPpacket flood attack-4
- C. DHCPstarvation attack-1 DHCPPhishing attack-3man-in-the-middle attack-2 DHCPpacket flood attack-4
- D. DHCPstarvation attack-4 DHCPPhishing attack-3man-in-the-middle attack-2 DHCPpacket flood attack-1

**Correct Answer: C**

**Section:**

**QUESTION 102**

What check items can be set by IPSG?

- A. MA, Caddress
- B. Outgoing interface
- C. VLANID
- D. IPaddress

**Correct Answer: A, B, C, D**

**Section:**

**QUESTION 103**

According to this picture, Xinmen can be judged?

172.16.1.1 -q 10 17116.1.4

itacEfoUte to 172.16.1.4(172.16.1 <). max hopv 30 .packet length 40,pms CTRL.C  
to break

10,1.112 40 ms IQms ID 10 ms 10 rm 10.1.1Z2 30 im 20 rm 20 rm 20ms 20 rm  
30 ms 10.1.11? 10 rm 10 im 20 20 >m 20 ms 10.1-12.2 20 ms 20 rm 20  
ire 20in»

2 10124 2 O rm 10.1 342 3Q rm 20 ms 20 fhs 20 rm 30 ms 30im 10.1.24 2 20 ms  
20rm30 ms 20 ms ,20m  
1Q.A. 34J M ms 20 im TO rrw 40 ms,30 ms 10.1.24.2 20 m 20 m\* 2fi <m

[network

- A. R1access172.16.1.4.need to go through2hop router
- B. R1access172.16.1.4,need to go through4hop router
- C. R1access172.16.1.4have2an equivalent path
- D. R1access172.16.1.4have4an equivalent path

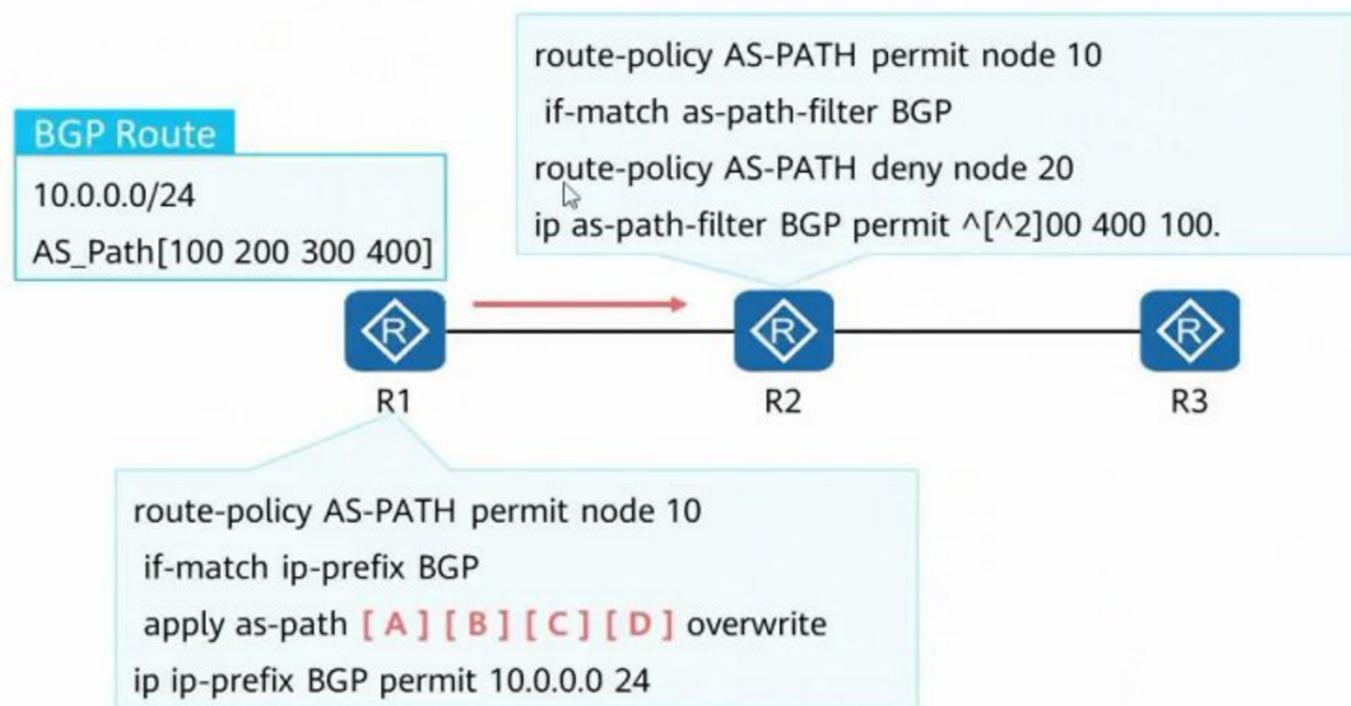
**Correct Answer: A, C**

**Section:**

**QUESTION 104**

Fill in Blanks

The configuration shown is performed on R2 to filter all incoming routes. Suppose there is a BGP route with the AS\_Path attribute of [100200300400] on R1 that needs to be sent to R2. Please help the network administrator to adjust the AS order in the AS\_Path attribute of the route on R1 to ensure that the route entry will not be filtered by the routing policy of R2\_\_\_\_, \_\_\_\_, \_\_\_\_, \_\_\_\_.



100 This space corresponds to the [A] space in the routing policy  
 200 This space corresponds to the [B] space in the routing policy  
 300 This space corresponds to the [C] space in the routing policy  
 400 This space corresponds to the [D] space in the routing policy

A. CDAB

**Correct Answer: A**  
**Section:**

**QUESTION 105**

In the MPLS network, there are different operation types for labels, among which the meaning of the 'pop' action is:

- A. Replace the top label with another value
- B. existMPLSAdd the top label to the label stack
- C. Replace the top label with another set of labels
- D. existMPLSRemove the top label from the label stack

**Correct Answer: D**  
**Section:**

**QUESTION 106**

```
<Huawei>display ospf lsdb network self-originate OSPFProcess1 with Router ID 10.0.12.2
Area: 0.0.0.0
Type: Network
Lsid: 10.0.122
Advrtr: 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 router's Network LSA is shown in the figure. Which of the following statements is correct?

- A. by the routerDRpriority is100
- B. of this routerRouter IDfor10.0.12.2
- C. The network segment where the router is located is10.0.12.0 24
- D. This router isDR

**Correct Answer: B, C, D**

**Section:**

