

# H12-831<sup>Q&As</sup>

HCIP-Datcom-Advanced Routing & Switching Technology V1.0

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## QUESTION 1

According to this picture, the door can be judged?

<R4>display isis Isdb					
Database information for ISIS(1)					
LeveH 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	o/o/o
<R4>					

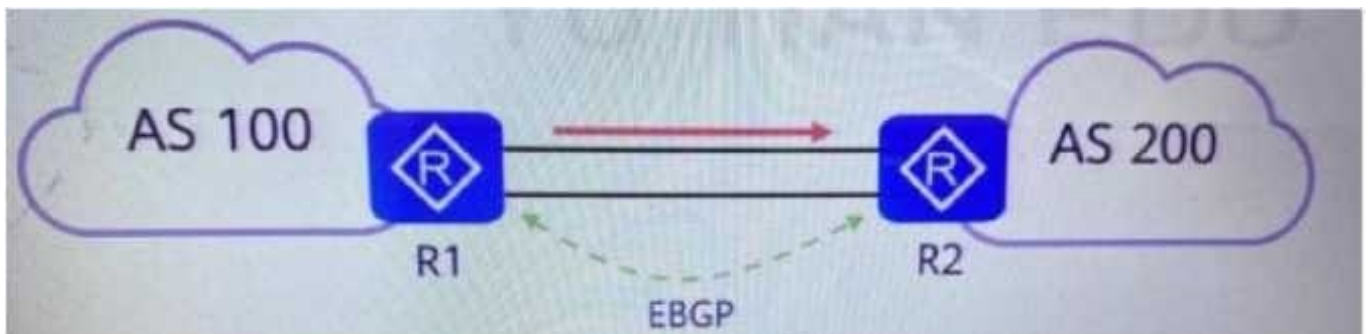
- A. R4belong only toLevel-2
- B. system-IDforee8c.a0c2.baf2device whose type isLevel-1-2
- C. system-IDforee8a0c2.baf2device whose type isLevel-1
- D. R4belong only toLevel-1

Correct Answer: BD

## QUESTION 2

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 Local Preference value, you can control the path of traffic leaving the AS100.



A. Correct

B. wrong

Correct Answer: B

---

### QUESTION 3

To ensure security, authentication can be configured in the OSPFV3 process area view.

A. True

B. False

Correct Answer: A

---

### QUESTION 4

Compared with the OSPFv2 packet header, which fields are added in the OSPFv3 packet header?

A. IPV6 Auth Type

B. Link ID

C. Instance ID

D. IPV6 Router ID

Correct Answer: C

---

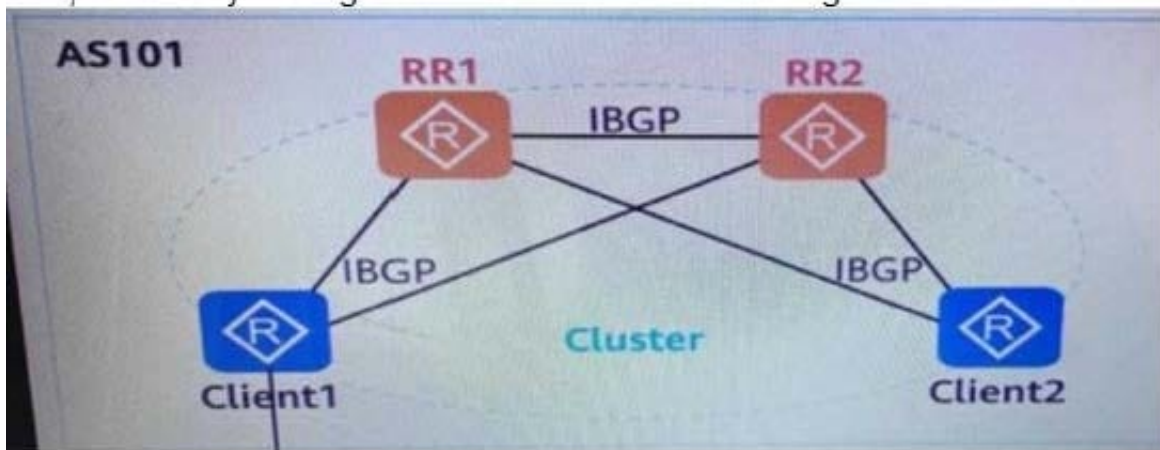
### QUESTION 5

As shown in the figure, Client1 and Client2 act as clients of RR1 and RR2 at the same time, and RR1 and RR2 are in the same.

In a Cluster, R introduces 10 routes. It is assumed that the configuration of B, CP is correct.

Neighbor relations have been established

Now, how many routing entries exist in the BGP routing table of Client2?



- A. 10
- B. 20
- C. 0
- D. 15

Correct Answer: B

## QUESTION 6

What is the most efficient way to view device alarms through the CLI?

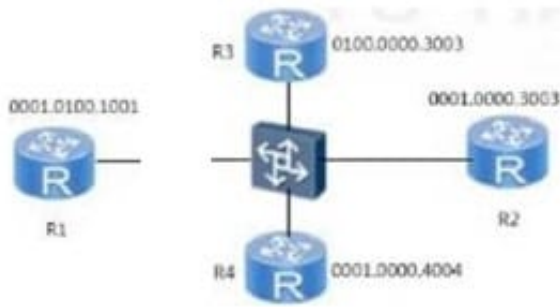
- A. display interface brief
- B. display clock
- C. display alarm
- D. display current-configuration

Correct Answer: C

## QUESTION 7

All routers in a network run IS-IS, and all are in Area 49.0001, where the L SDB of R1 is shown in the figure

According to this, it is judged that the DIS of Level-2 is. (Please fill in the device name, such as R1)



```
| display isisdb Database information for ISIS (1) Level-1 Link State Database LSP ID O Seq Num Checksum Holdtime
Length ATT/P/OL 0001.0000.4004.00-00 0x00000008 0xb701 1186 68 0/0/0 0001.0000.2002.00-00 0x00000008
0xb701 1186 68 0/0/0 0001.0100.1001.00-00* 0x00000050 x2f9d1187 680/0/0 0001.0100.1001.01-00* 0x00000001
0xa79e1110 550/0/0 Level-2 Link State Database LSP ID AN> Seq Num Checksum, Holdtime Length ATT/P/OL
0001.0000.2002.00-00 00000000 80xb701 1188 6S 0/0/0 0001.0100.1001.00-00* 0x00000060 x2d9e 1187 680/0/0
0001.0100.1001.01-00* 0x00000005 0xd0b0 1191 660/0/0 0100.0000.3003.00-00 00000000 5 0xfe53 1185 560/0/0
```

A. R1

Correct Answer: A

## QUESTION 8

A campus has deployed IPv6 for service testing. In the early stage of deployment, engineers wanted to achieve network interoperability through IPv6 static routes. When creating an IPv6 static route, you can specify both the outbound interface and the next hop, or only the outbound interface or only the next hop.

A. True

B. False

Correct Answer: B

## QUESTION 9

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

A. Individual IS-IS process can only be used with 1 individual VPN instance association

B. If one IS-IS router creates multiple IS-IS processes, each process does not affect each other, independent of each other

C. 1 individual IS-IS process can be associated with multiple different VPN instance association

D. 1 individual VPN instance can be associated with multiple different IS-IS process association

Correct Answer: ABD

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## QUESTION 10

Ethernet is a broadcast-enabled network, and once there are loops in the network, this simple factory broadcast mechanism can have disastrous consequences. Which of the following phenomena may be caused by loops?

- A. CPU Occupancy exceeds 70%
- B. The device cannot log in remotely
- C. use on device display interface When commanding to view interface statistics, it is found that the interface receives a large number of broadcast packets
- D. pass through ping Serious packet loss during network test with command

Correct Answer: ABCD

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## QUESTION 11

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

Prefix Length: 0

NextHop

FE80::2E0:FCFF:FE982576

Preference 15

Cost

Protocol : IS/S-LJ

Interface

GigabitEthernet0/0/0

Destination

Prefix Length : 0

NextHop PE8C ZeOFC-FFEA \*813

Preference : 15

Cost

10

Protocol : IS/S-LJ

Destination::

Prefix Length: 0

NextHop : FE80::2E0:FCFF:FE982576

Preference : 15

Cost

Protocol : ISJS-L1

Destination:-

Prefix Length : 0

NextHop : FE80 2E0:FCFF:FEA7:5813

Preference : 15

Cost

Protocol : IS/S-LJ

interface GigabitEthernet0/0/1

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

Correct Answer: B

## QUESTION 12

As shown below:



<RA >display ospf lsdb						
OSPF Process 1 with Router (D 1 72.16-1.1						
Link State Database						
Area: 0.0,0,0						
1Typ*-	LinkState ID	AdvRouter	Age	Len	Sequence	Metric
Router	17216.1.3	172.16.1.3	216	60	B0000000	1
Ro—T	72 16.1,2	172.1 2	214	60	80000008	
,	17X16 1 1		217	60	80000007	
		1 * 1			sooooooc)^>	
		1 7 1& 1."			member-	0
Network	10/1.13.2	1 7N16.1.m	218	32	80000001	0
Network	161.12.2	172J6.1 2	21 8	32	80000001	0
Network	10.1.34.2	172.1 6.1 A	209	32	80000002	o

A. area. have8indivualMAThe internet

B. area. have4indivualMAThe internet

C. area. have4router

D. area. have8router

Correct Answer: BC

## QUESTION 13

What types of Link Types are included in the Router LSA in OSPF?

A. Vlink

B. Stub Net

C. TransNet

D. P-2-P

Correct Answer: ABCD

## QUESTION 14

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

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## QUESTION 15

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: AB

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