H12-831$^{Q\&As}$

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

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QUESTION 1

A campus deploys both IPv4 and IPv6 networks for service testing, and runs IS-IS to realize network interconnection. The IS-IS routing protocol has good scalability and is widely used in the existing network. Which of the following statements is true about IS-IS scalability?

A. IS-ISuseTLVstructure builds the message so thatIS-ISMore flexibility, flexibility and scalability

B. forIS-ISIn terms of adding new features, only adding newTLVJust

C. IS-ISto supportPV6to addTLVcarryPv6Address information

D. N LPIDYesIS-ISto supportIPv6an addedTLV

Correct Answer: ABC

QUESTION 2

As shown below:

1Typ*- Router .Ro—T ,	LinkState ID 17216.1.3 72 16.1,2 17X16 1 1 r	AdvRouter 172.16.1.3 172.1 2 1 * 1 1 ⩞ 1& 1."	Age 216 214 217	Len 60 60 60	Sequence B0000000 80000008 80000007 soooooc)^> member-	Metric 1 0
Network	10/1.13.2	1 7N16.1.m	218	32	80000001	O
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

(Table title: `<RA >display ospf lsdb` — OSPF Process 1 with Router (D 1 72.16-1.1 — Link State Database — Area: 0.0,0,0)

A. area. have8indivualMAThe internet

B. area. have4indivualMAThe internet

C. area. have4router

D. area. have8router

Correct Answer: BC

QUESTION 3

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

A. port isolation is configured on the switch

B. the wrong port is configured on the machine, andMA, Caddress binding

C. interface is artificialshutdownor the physical interface is damaged

D. switchMA, Caddress learning errors

Correct Answer: ABCD

QUESTION 4

In what ways can log information be viewed:

A. Network management system interface view

B. log in to the device viadisplay logbuferCheck

C. there is no way

D. Willflash:/logfile/Tlog file viaFIP/TFTPtransfer toPCsuperior

Correct Answer: ABD

QUESTION 5

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

A. Inconsistent duplex modes of interfaces on both ends

B. IPaddress conflict

C. Interface authentication is inconsistent
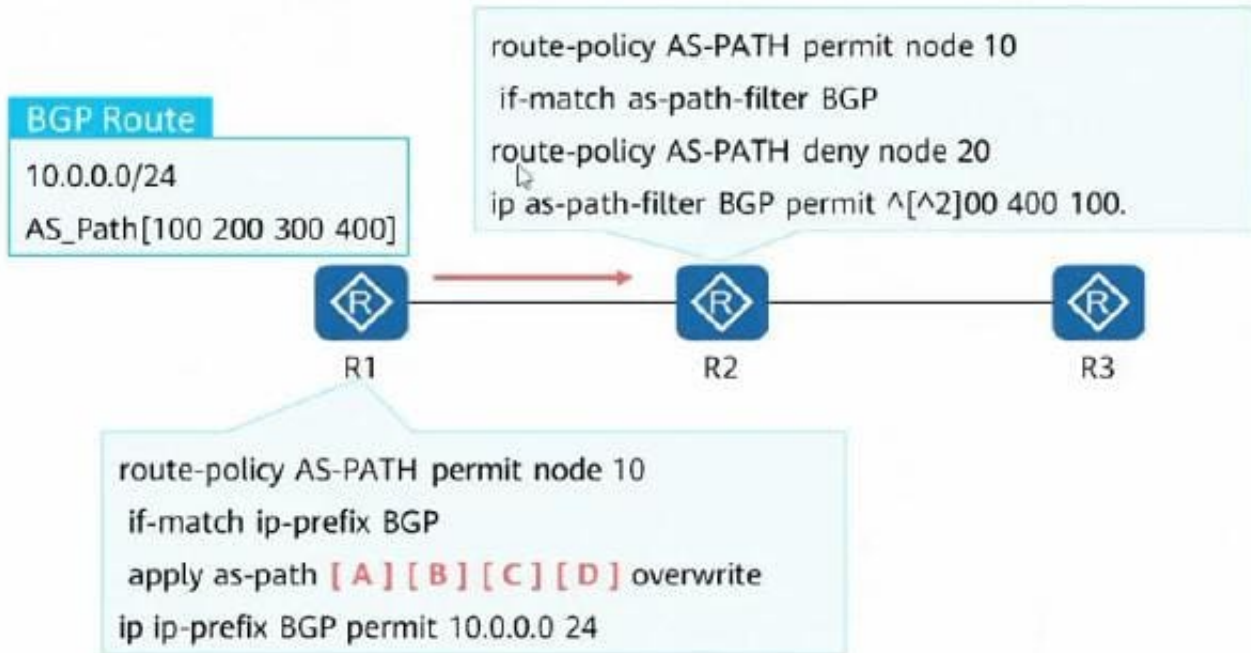
D. Inconsistent luminous power at both ends

Correct Answer: D

QUESTION 6

Drag and Drop

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____, ____, ____, ____.

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 ^[^2]00 400 100.

BGP Route
10.0.0.0/24
AS_Path[100 200 300 400]

R1 → R2 — R3

route-policy AS-PATH permit node 10
  if-match ip-prefix BGP
  apply as-path [A] [B] [C] [D] overwrite
ip ip-prefix BGP permit 10.0.0.0 24

Select and Place:

100	该空格对应路由策略中的[A]空格
200	该空格对应路由策略中的[B]空格
300	该空格对应路由策略中的[C]空格
400	该空格对应路由策略中的[D]空格

Correct Answer:

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		300
		400
		100
		200
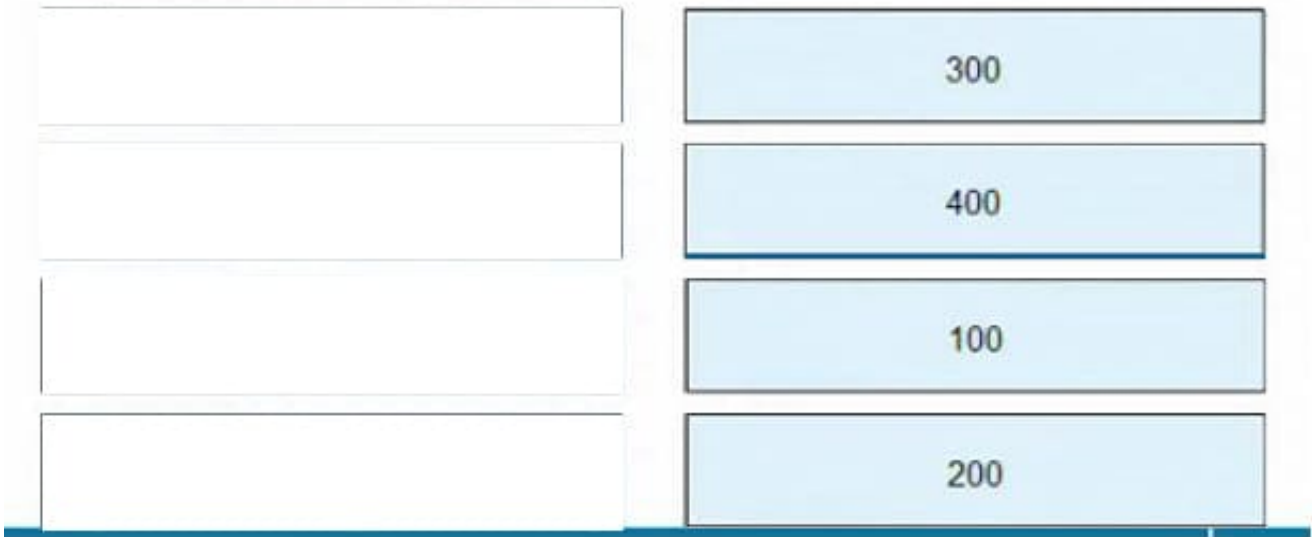
QUESTION 7

Which of the following statements is false when troubleshooting the dual-active failure of a VRRP backup group?

A. No need to check deliveryVRRPWhether the switch port of the advertisement message is in the sameVLAN

B. need to check the interfaceVRRPGroupIDIs it the same

C. Interface needs to be checkedIPWhether the address is in the same network segment

D. need to checkVRRPgroup of virtualIPIs the address the same

Correct Answer: A

QUESTION 8

After the VLAN-based MA, C address flapping detection function is configured, if the MA, C address flaps. The interface can be configured to perform actions according to requirements. Which of the following is NOT a configurable action?
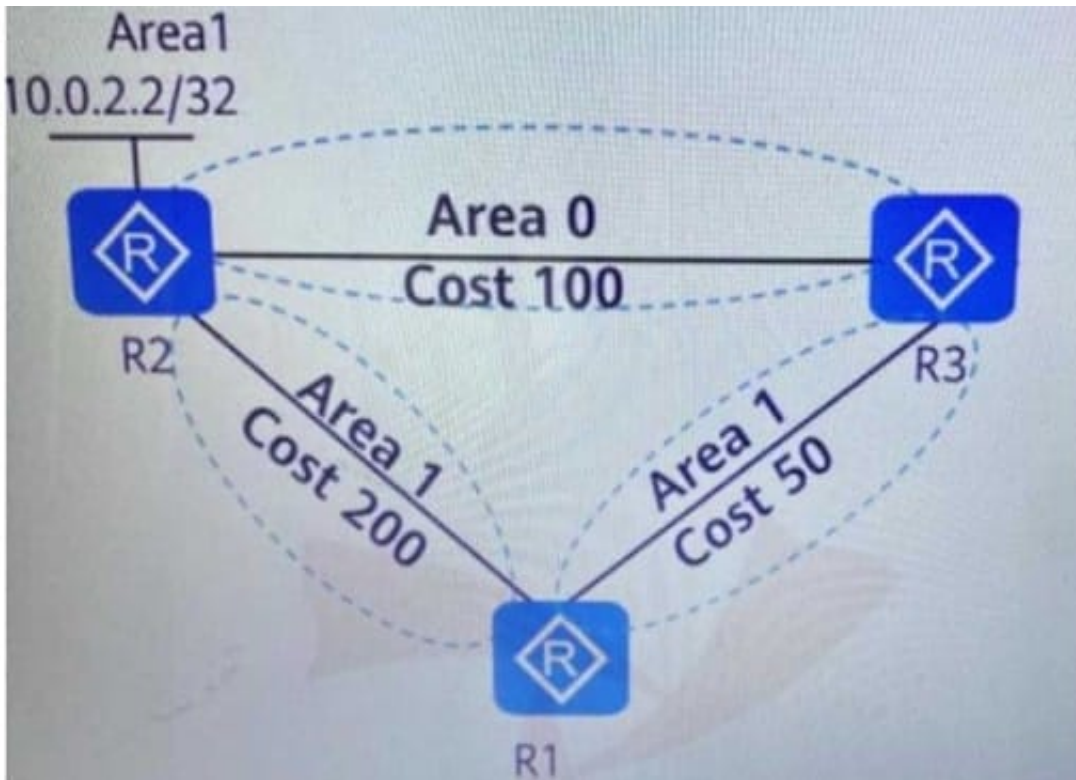
A. Traffic filtering

B. send alert

C. interface blocking

D. MA, Caddress blocking

Correct Answer: A

QUESTION 9

As shown in the figure, all interfaces of the router enable DSPF. The cost value of the link is marked in the figure. R2

The LoopbackD interface is advertised in area 1, then the cost of R1 reaching 10.2/32 is?

A. 200

B. 150

C. 50

D. 100

Correct Answer: A

QUESTION 10

Link LSAs of OSPFv3 are propagated throughout the area.

A. right

B. wrong

Correct Answer: B

QUESTION 11

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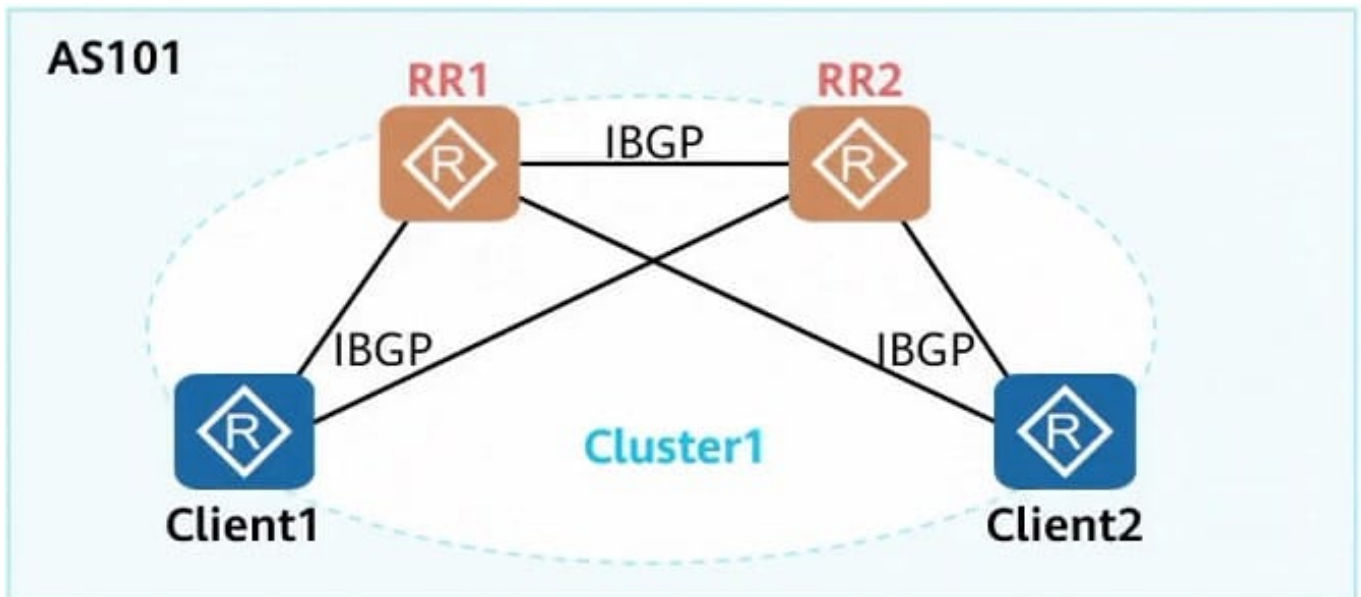
filter routes, Rote - policy can only modify routes.

A. True

B. False

Correct Answer: B

QUESTION 12

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

QUESTION 13

Since BGP is an EGP routing protocol, BGP routing policies can only be deployed between EBGP neighbors. The routing policy deployed between IBGP neighbors is invalid.

A. True

B. False

Correct Answer: B

QUESTION 14

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

A. 6

B. 7

C. 8

D. 9

Correct Answer: D

QUESTION 15

In an MPLS domain, LSR can be divided into Ingress LSR, Transit LSR and Egress LSR according to the different processing methods of LSRs for data. For the same FEC. a certain LSR can be the Ingress LSR of the FEC or the Transit LSR of the FEC. LSRO

A. True

B. False

Correct Answer: B

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