

DUMPS ARENA

HCIE-R&S (Written) (Expert -Routing & Switching)

Huawei H12-261

Version Demo

Total Demo Questions: 15

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QUESTION NO: 1

Which of the following statements about BGP load balancing are false? (Choose three.)

- A. The AS_Path attribute values of equal-cost routes for load balancing must be different.
- B. When BGP load balancing is implemented, the local device can change the next-hop address of routes to its own address when advertising the routes to IBGP peer groups only if the peer next hop-local command is configured.
- C. Load balancing can be implemented among BGP routes with different origins but having the same destination network segment.
- D. Load balancing can be implemented among IBGP routes and EBGP routes having the same destination on the public network.

ANSWER: A C D**QUESTION NO: 2**

Which of the following statements regarding the stub area in OSPF are true?

- A. A virtual link cannot pass through a stub area.
- B. A backbone area cannot be configured as a stub area.
- C. Type 7 LSAs cannot be flooded to a stub area.
- D. A stub area contains no ASBR.

ANSWER: A B D**Explanation:**

Reference: <https://support.huawei.com/enterprise/de/doc/EDOC1000141870/4c544c36/example-forconfiguring-an-ospf-stub-area>

QUESTION NO: 3

In the aggregate ipv4-address {mask | mask-length} [as-set | attribute-policy route-policy-name1 | detailsuppressed | origin-policy route-policy-name2 | suppress-policy route-policy-name3] command, multiple parameters can be used to affect the BGP summarized route and summarization result. Which of the following statements regarding this command are true?

- A. If the origin-policy parameter is specified, only the specific routes matching route-policy are summarized.
- B. If the attribute-policy parameter is specified, attributes of the summary route can be modified.

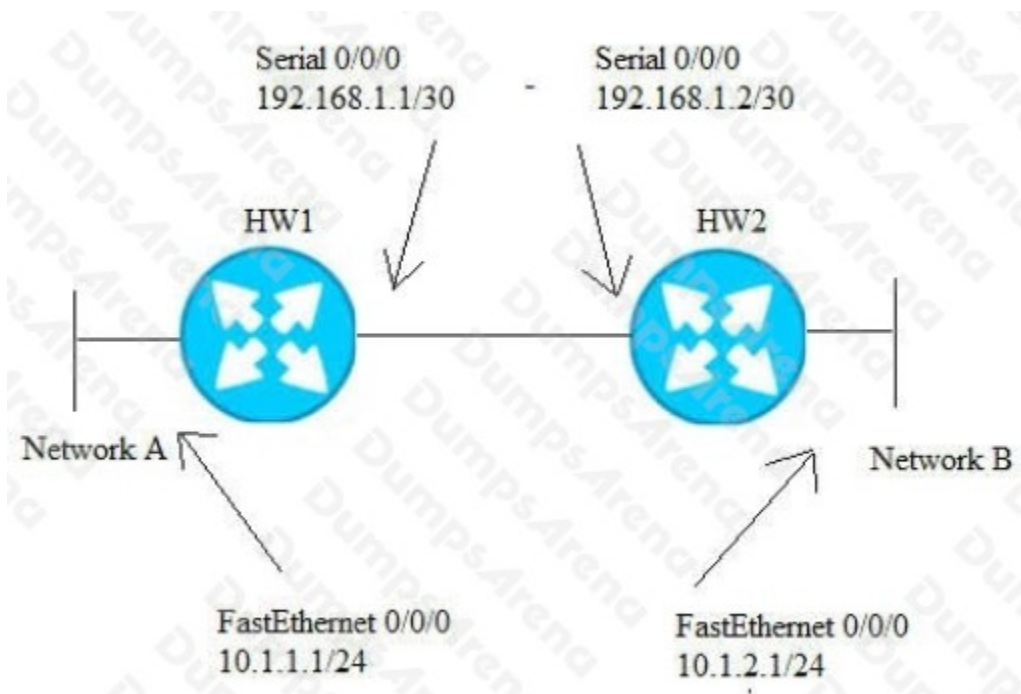
C. If the suppress-policy parameter is specified, a summary route is generated. The if-match clause of the route-policy can be used to filter specific routes to be suppressed. The specific routes matching route-policy are still advertised to other BGP peers.

D. If the as-set parameter is specified, the AS_Path attribute of the summary route contains AS path information about all specific routes to prevent loops.

ANSWER: A B D

QUESTION NO: 4

The HW network consists of Network A and B that are connected via Router HW1 and Router HW2. The HW network is shown in the following exhibit. To set up an IPsec VPN between routers HW1 and HW2, which of the following crypto access-lists must be configured on Router HW1 in order to send LAN to LAN traffic across the encrypted VPN tunnel?



- A. rule permit ip source 10.1.2.0 0.0.0.255 destination 10.1.1.0 0.0.0.255
- B. rule permit ip source 10.1.1.0 0.0.0.255 destination 192.168.1.2 0
- C. rule permit ip source 198.168.1.1 0 destination 192.168.1.2 0
- D. rule permit ip source 10.1.1.0 0.0.0.255 destination 10.1.2.0 0.0.0.255
- E. rule permit ip source 192.168.1.1 0 destination 10.1.2.0 0.0.0.255

ANSWER: D

QUESTION NO: 5

The router ISIS interfaces and peers are as follow. Which of the following statements is true?

[R3]display isis interface

Interface information for ISIS(1)

Interface	Id	IPV4.State	IPV6.State	MTU	Type	DIS
Eth0/0/0	001	Up	Up	1497	L1/L2	Yes/No
Eth0/0/1	002	Down	Up	1497	L1/L2	No/No
GE0/0/0	003	Down	Up	1497	L1/L2	No/Yes

[R3]display isis peer

Peer information for ISIS(1)

System Id	Interface	Circuit Id	State	HoldTime	Type	PRI
0001.0000.0000	Eth0/0/0	0003.0000.0000.01	Up	22s	L1	64
0002.0000.0000	Eth0/0/1	0002.0000.0000.01	Up	7s	L1	64
0004.0000.0000	GE0/0/0	0003.0000.0000.03	Up	28s	L2	64

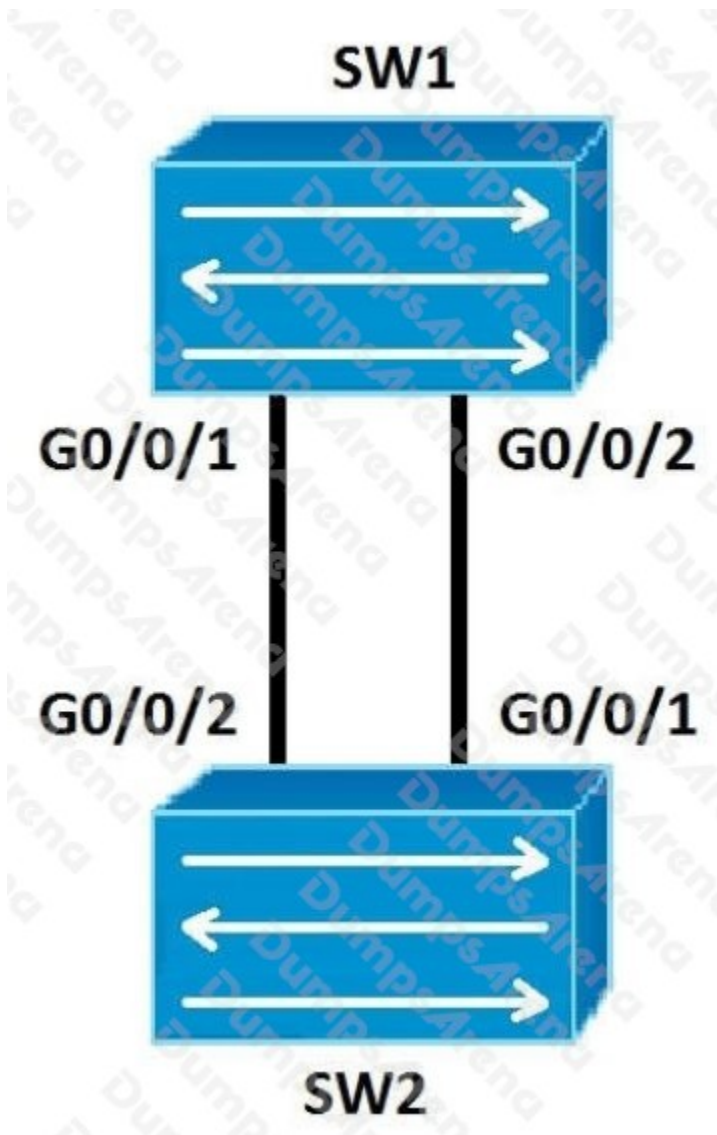
Total Peer(s): 3

- A. IS-IS IPv4 and IS-IS IPv6 are enabled on Eth0/0/1 of R3
- B. The circuit-level of Eth0/0/1 on R3 is Level-1-2
- C. R3 has established a L1 adjacency on GE0/0/0
- D. R3 is the Level-1 DIS and Level-2 DIS for the link where Eth0/0/0 resides

ANSWER: B

QUESTION NO: 6

A network with the typology shown in the figure below is set up in a lab. On the network, SW1 uses the default configurations, and STP disables on SW2. Given this information, which of the following statements is true?



- A. G0/0/2 of SW2 enters the Discarding state.
- B. G0/0/1 of SW1 enters the Discarding state.
- C. G0/0/1 of SW2 enters the Discarding state.
- D. No interface is blocked.
- E. G0/0/2 of SW1 enters the Discarding state.

ANSWER: E

QUESTION NO: 7

Which of the following statements regarding a TCP sliding window are false?

- A. The sender advertises the size of the initial window.
- B. If the sender does not receive an acknowledgment message after the retransmission timer times out, it retransmits the unacknowledged data.
- C. The sliding window size can only be increased or remains unchanged.
- D. A TCP sliding window allows the sender to send multiple data packets before receiving an acknowledgment message.
- E. The sender does not need to transmit packets with a complete window size.

ANSWER: A B E

QUESTION NO: 8

Which of the following AS_Path attribute values can be matched by the AS-Path filter configured using ip aspath filter 1 permit .*(100|400\$command?

- A. 100
- B. 3100
- C. 300 4200
- D. 1234 1400

ANSWER: A B D

QUESTION NO: 9

Which of the following statements regarding OSPFv3 are true?

- A. The LSAck packet contains the LSA header information, which is used for acknowledging the receipt of an LSA.
- B. The Hello packet must contain interface ID of sending interface.
- C. The Option field of Hello and DD packets is extended to 24 bits.
- D. The LSR packet contains the complete LSA header information, which is used for request updating LSAs.

ANSWER: C

QUESTION NO: 10

A new office needs to use a router as the DHCP server. Which of the following items need to be configured when the DHCP server is configured to provide the DHCP service for the office?

- A. Manually binding a specified IP address to a specified terminal
- B. Timeout period of a ping packet
- C. Excluding idle IP addresses from the DHCP server
- D. Startup file of the DHCP server
- E. DHCP address pool

ANSWER: E

QUESTION NO: 11

After the shutdown command is run on one of two directly connected devices that establish an IBGP peer relationship, the BGP connection will not be torn down immediately.

- A. TRUE
- B. FALSE

ANSWER: B

QUESTION NO: 12

Router HW1 runs BGP, and has IBGP peers and EBGP peers configured.

Which of the following statements regarding the IBGP peers and EBGP peers are true?

- A. The router sends BGP updates learned from each IBGP peer to the other IBGP and EBGP peers.
- B. The IBGP peers must be directly connected. Otherwise, multi-hop IBGP must be configured on the router.
- C. The EBGP peers can establish peer relationships through loopback interfaces.
- D. The router sends BGP updates learned from each EBGP peer to the other EBGP and IBGP peers.
- E. The EBGP peers must be directly connected. Otherwise, multi-hop EBGP must be configured on the router.

ANSWER: D E

QUESTION NO: 13

Which of the following are key differences between RIP version 1 and RIP version 2?

- A. RIP version 2 uses multicasts while RIP version 1 does not

- B. RIP version 1 supports authentication while RIP version 2 does not
- C. RIP version 1 does not support VLSM while RIP version 2 does
- D. RIP version 1 is distance vector while RIP version 2 is not
- E. RIP version 1 uses hop counts as the metric while RIP version 2 uses bandwidth information

ANSWER: A C

QUESTION NO: 14

Two routers are connected through serial interfaces, but they cannot ping each other. The following information is displayed when you check the status of the connected interfaces:

```
[R1]display interface se 0/0/0
Serial0/0/0 current state : UP
Line protocol current state : DOWN
Description:
Route Port, The Maximum Transmit Unit is 1500, Hold timer is 10(sec)
Internet Address is 12.12.12.1/24
Link layer protocol is nonstandard HDLC
Last physical up time : 2018-08-01 16:24:01 UTC-08:00
Last physical down time : 2018-08-01 16:24:00 UTC-08:00
```

```
[R2]display interface Serial 0/0/0
Serial0/0/0 current state : UP
Line protocol current state : DOWN
Description:
Route Port, The Maximum Transmit Unit is 1500, Hold timer is 10(sec)
Internet Address is 21.21.21.2/24
Link layer protocol is PPP
LCP stopped
```

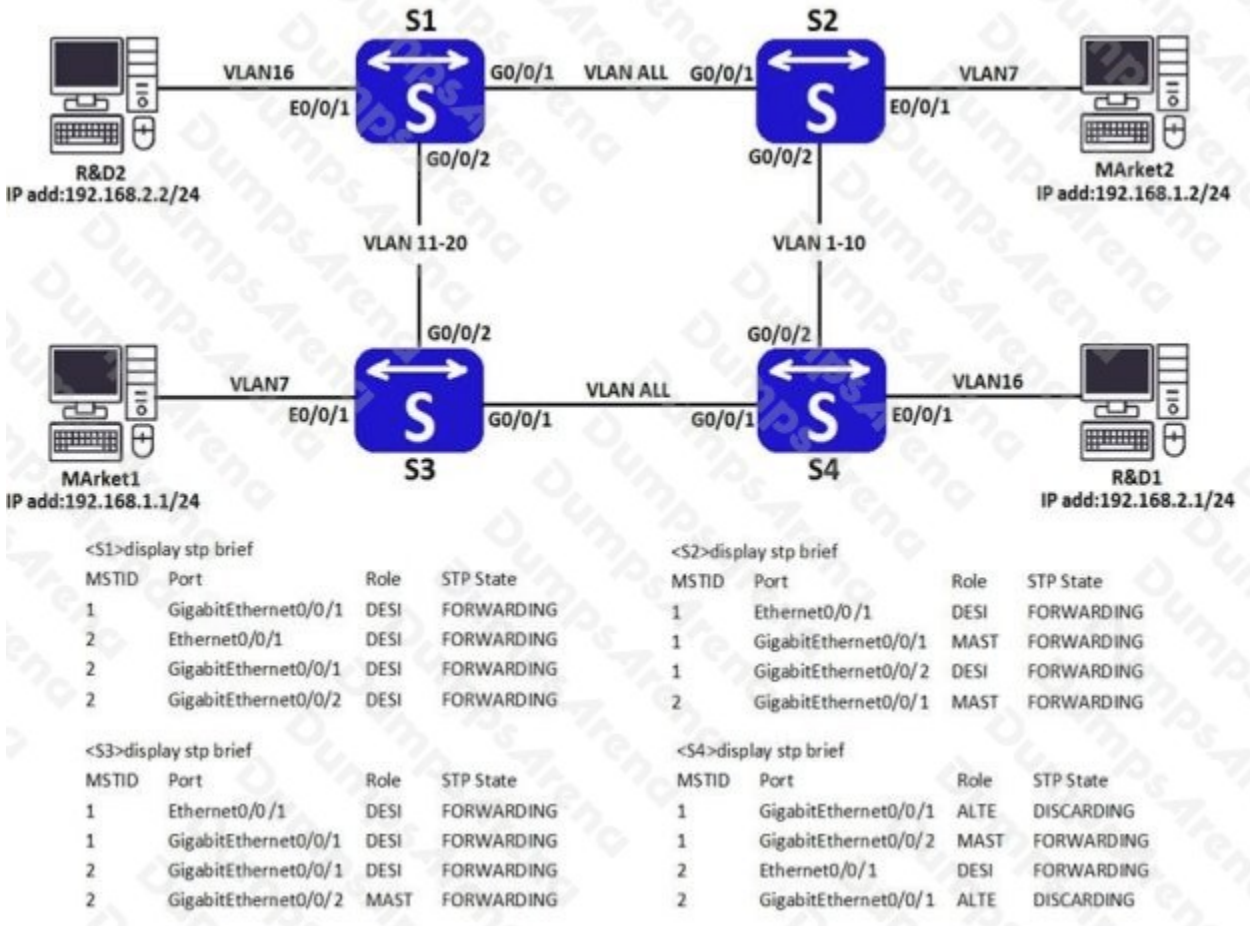
Given this information, why are the two routers unable to ping each other?

- A. The subnet masks of the two interfaces do not match
- B. The IP addresses of the two interfaces are not on the same network segment
- C. The link layer protocols of the two interfaces are inconsistent
- D. The link bandwidth is insufficient

ANSWER: C

QUESTION NO: 15

The figures below show an enterprise's Layer 2 networking architecture and information displayed when engineers check the device status after communication between departments fails.



What are the possible causes of this communication failure?

- A. The switches have different region names.
- B. The switches have different instance-VLAN mapping configurations.
- C. The switches have different revision levels.
- D. The switches have different BPDU sending intervals.

ANSWER: B