



# H12-891<sup>Q&As</sup>

HCIE-Datacom V1.0

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### QUESTION 1

What parameters can the DHCPv6 server assign to DHCPv6 clients?

- A. SNTP server address
- B. IPv6 address/prefix
- C. Gateway address
- D. DNS server address

Correct Answer: ABCD

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### QUESTION 2

The HTTP protocol is based on TCP, so http Flood attacks can be defended against HTTP Flood attacks using the TCP Flood attack prevention method.

- A. True
- B. False

Correct Answer: B

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### QUESTION 3

What check frames can IPSG set?

- A. Out of the interface
- B. MAC address
- C. IP address
- D. VLAN ID

Correct Answer: BCD

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### QUESTION 4

The means of the LAND attack is that the attacker sends an SYN packet message with the same source and destination addresses to the target host, the source port and the destination port are the same, and the receiver waits for the final ACK packet to be sent, the connection is always in a semi-connected state, resulting in a full limited TCP reception Waste of resources

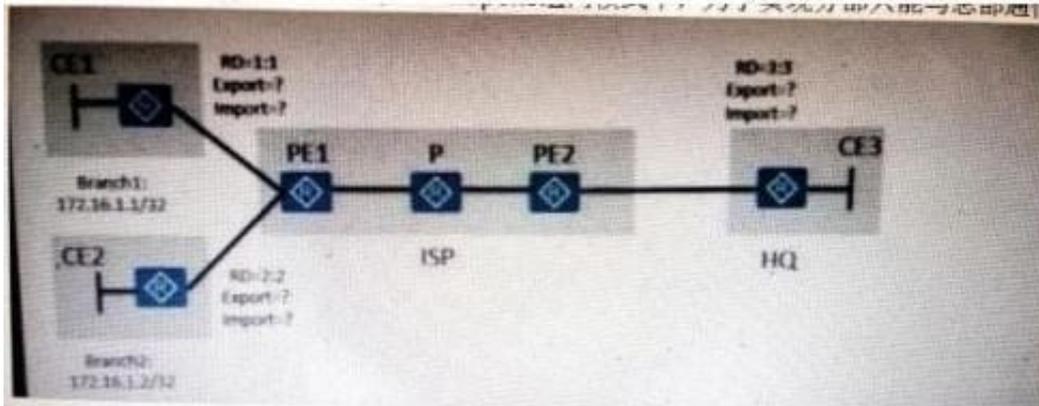
- A. True
- B. False



Correct Answer: A

### QUESTION 5

As shown in the figure, in the HUB and Spoke networking mode of MPLS BGPVPN, in order to achieve the division can only communicate with the headquarters, the division can not communicate with each other When setting up RT, which of the following scenarios is this?( Radio).



- A. import Target:12:3ExportTarget:12:3
- B. Headquarters: importTarget:1:1ExportTarget:3:3
- C. Headquarters: Import Target:2:2; Export Target:3:3
- D. Headquarters: importTarget: 12:3ExportTarget: 3:12

Correct Answer: D

### QUESTION 6

The following about BGP routing, what is the wrong description?

- A. Non-aggregate routes take precedence over aggregate routes.
- B. In the case of PrefVal, Local\_Preference equality, if the BGP preference of the locally generated route, IBGP route, EBGP route is equal, the valid reference of this generation is preceded by priority.
- C. See the following entry in the BGP routing table: ?\*172 16 1. 11/32 0 00010 0? Indicates that the route is available non-optimal.
- D. For next\_hop unreachable routes are invalid cat by and do not participate in the preference. Flooding case

Correct Answer: A

### QUESTION 7

The address resolution feature for NDP in the following description is incorrect?



- A. When sending a neighbor request packet, the source address--is set as the link-local address
- B. of the local interface Two types of ICMPv6 messages,
- C. are used in the address resolution process, neighbor request and neighbor advertisement Address resolution implements the ability to resolve from IPv6 addresses to link-layer addresses
- D. When sending a neighbor request packet, the destination address must be the multicast address of the neighbor\\'s requested node

Correct Answer: A

### QUESTION 8

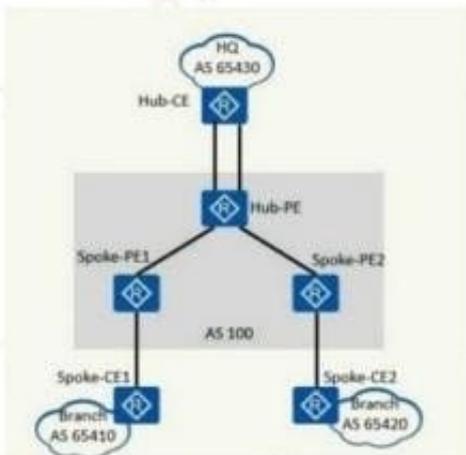
Which nationality meets the following two conditions: 1] BGP Router A can choose whether the Update message is based on the nationality. ( ) If Router B receives a Update message containing a cross-hatch, run-by B does not have an identified solidity, but will also contain a multifaceted] Update retracts the advertisement to Router C. Router C may recognize and apply this attribute. (Multiple choice questions).

- A. Aggregator
- B. Local\_Pref
- C. Multi\_Exit\_Disc
- D. Community

Correct Answer: AD

### QUESTION 9

As shown in the figure, a company wants to achieve secure mutual access between the head office and branches through MPLSVPN, and at the same time requires that the IPN traffic of the branch bank must be forwarded through the head office to achieve traffic monitoring



- A. VPN routing information can be exchanged between A. CE and PE using BGP messages



B. When Hub-CE passes routing information with Hub-PE, you need to configure a route on Hub-PE that allows receiving AS numbers to be repeated 1 time to receive routes published by Hub-CE

C. Between Hub-CE and Hub-PE, and between Spoke-PE and Plan-CE, routing information can be exchanged using the OSPF protocol

D. An MP-IBGP peer relationship is established between Spoke-PE and THE VPN routing information is exchanged.

Correct Answer: D

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#### QUESTION 10

In a multicast network running PIM-SM mode, how does the router choose the upstream interface?

A. looks up the outgoing interface corresponding to the RP address in the unicast routing table

B. Interfaces to which multicast group members are directly connected

C. Find the outbound interface corresponding to the mapping proxy in the unicast routing table

D. The interface that is fast to the PIM Join message

E. Interface for sending PIM Hello messages.

Correct Answer: A

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#### QUESTION 11

If a router only needs to forward IPv6 packets, you do not need to configure any IPv4 agreements and addresses on that router.

A. True

B. False

Correct Answer: A

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#### QUESTION 12

Unlike STP, RSTP has only one BPDU type, its value is 2, and there is no TCN BPDU.

A. TRUE

B. FALSE

Correct Answer: A

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#### QUESTION 13



How do IGMPv2 routers maintain cinderband group membership? Multi-select

- A. The router queries a specific group
- B. The router maintains a timeout timer for each group membership, refreshes the timer if the receiver host is received, and deletes the group membership if the timer times out
- C. The router periodically sends a Query message, and after the receiver host receives the Query message, it reports a Report message
- D. As soon as the leave message is received, the router immediately deletes the group membership

Correct Answer: BC

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#### QUESTION 14

The following statement about the alliance is correct?( Single choice questions).

- A. The consortium divides an AS into sub-AS, and the alliance external AS still considers the consortium to be an AS
- B. Subsystems within a consortium can use private AS numbers. Huawei NE/AR routers, a consortium can be configured with up to 32 subsystems
- C. Consortium can easily detect the routing loop within the AS because EBGP is running between the subAS.
- D. The subas number of the consortium, which by default notifies BGP peers outside the consortium

Correct Answer: D

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#### QUESTION 15

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

- A. The TTL field in the label has a similar meaning to the TTL (Time To Live) in the IP packet, and also has the effect of preventing loops
- B. The total length of an MPLS single tag is 4 bytes (32 bits).
- C. For Ethernet, PPP packets, the tag stack is like a "cushion layer", located between the layer 2 header and the data, and when there is a VLAN tag, the MPLS header is placed on the Ether head and VLANtag between
- D. label in the S field, lbit Used to identify whether the label is a bottom label, and a value of 1 indicates that it is the penultimate label

Correct Answer: AB