

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

HCIE-Datacom V1.0

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**QUESTION 1**

The switch role in the stacking system does not include ?

- A. From the switch
- B. Candidate Switch
- C. Standby Switch
- D. Primary Switch

Correct Answer: B

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**QUESTION 2**

What are the differences between traffic policing and traffic shaping?

- A. Traffic shaping is applied in the inlet direction and traffic supervision is applied in the outlet direction
- B. For traffic shaping, the router caches excess packets until bandwidth is available again
- C. The token bucket algorithm is used for traffic supervision, and the SPD algorithm is used for traffic shaping
- D. For traffic policing, the usage of the buffer can be adjusted for traffic exceeding the CIR
- E. For traffic shaping, it can be over-CIR Traffic adjustment for the usage of the buffer

Correct Answer: BE

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**QUESTION 3**

The following description of the CHAP authentication function in the PPP protocol is correct?( Multiple choice questions).

- A. The user name must be configured under the authenticated party interface for CHAP authentication
- B. If the authenticator does not have a username configured, password
- C. can also be configured without the authenticated party interface Using the authentication sequence ID, random number, and key, a Hash value
- D. is calculated using the MD5 algorithm Three message interactions are required for authentication, and only the user name is transmitted on the network without the password

Correct Answer: ACD

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**QUESTION 4**

The following description of IGMPv1 and IGMPv2 is correct?( Multiple select).

- A. IGMPv2 message types include member departure packets
- B. IGMPv2 does not support specific group queries
- C. IGMPv1 supports universal group queries
- D. The IGMPv1 message type does not contain members leaving the packet AD

Correct Answer: ACD

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#### QUESTION 5

The LSA of type certainly does not exist in the 220SPF Stub zone

- A. Type7
- B. Type5
- C. Type4
- D. Type3

Correct Answer: ABC

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#### QUESTION 6

The following description of BGP ring protection is correct

- A. The BGP router does not announce any updates from the EBGp peer to other EBGp peers
- B. BGP routers that are not RR do not announce any updates from the IBGP peer to other IBGP peers
- C. Any routing information from the IBGP peer is advertised to the other IBGP peers
- D. , through the AS-path attribute, discard any update information received from the EBGp peer that contains its own AS number in the AS-path attribute

Correct Answer: BD

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#### QUESTION 7

The following statement about OSPF route filtering is incorrect.( Single choice questions).

- A. In the NSSA area, filtering for external route ingestion and advertisement can be configured on ASBR or ABR
- B. Filtering for the three types of LSAs needs to be configured on the ABR across OSPF regions
- C. Interface-based filtering of LSAs allows all LSAs in the inbound and outbound directions except grace LSAs

D. Based on the link state database, when calculating routes, the filter-policy import command is used, which only affects the route addition in the route table, and has no effect on the OSPF link state database

Correct Answer: C

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#### QUESTION 8

The advantages of building a campus network using stacking, clustering technology include which of the following?( Multi-select)

- A. Improved network equipment and link utilization
- B. It can effectively reduce network power consumption
- C. Business disruption time is greatly reduced
- D. Simplifies network management and reduces the complexity of network deployment planning

Correct Answer: ACD

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#### QUESTION 9

Configuring filter-policy 2000 export in the IS-IS process, the wrong statement about the function of the command is ?

- A. which needs to be used in conjunction with route ingestion, acts as an external route sender neighbor that only partially introduces.
- B. If you do not configure this command, the device will by default introduce the external routing protocol to the IS-IS route all outgoing
- C. Restricts the external publication of route entries generated by the device itself
- D. This command will filter the link status information released to the outside world

Correct Answer: D

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#### QUESTION 10

What are the problems with manually creating static VXLAN tunnels in campus networks? Multi-select

- A. Although the static VXLAN tunnel mode can support distributed gateway application scenarios, the configuration workload is large and the configuration adjustment is complex
- B. N devices to establish static VXLAN tunnels, you need to manually configure up to  $N(N-1)/2$  tunnels, the amount of configuration is large
- C. VTEP can only learn remote MAC addresses in a way that relies on data flooding
- D. Static VLAN tunnel also uses related protocols on the control plane, which will cause equipment resource loss

Correct Answer: ABC

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**QUESTION 11**

A router Router LSA is shown in the figure, and the error in the following statement is ?

```
<Huawei>display ospf lsdb router self-originate
      OSPF Process 1 with Router ID 10.0.12.1
          Area: 0.0.0.0
Type      : Router
Ls id     : 10.0.12.1
Adv rtr   : 10.0.12.1
Ls age    : 312
Len       : 36
Options   : ABR E
seq#      : 80000013
chksum    : 0xc61c
Link count: 1
 * Link ID: 10.0.12.2
   Data   : 10.0.12.1
   Link Type: TransNet
   Metric : 1
```

- A This router supports external routing ingestion
- A. This router is a DR
- B. The Router ID of this router is 100121
- C. This router has established an adjacency relationship

Correct Answer: B

**QUESTION 12**

Regarding the site in the BGP/MPLSIP VPN network architecture, the following description is correct?

- A. Under no circumstances can different sites that belong to the same VPN use overlapping address spaces
- B. Two geographically separated networks must belong to different sites
- C. Terminals connected to the carrier network through the same CE may belong to different sites
- D. A site is a set of IP systems, and a network of hosts cannot be called site

Correct Answer: ABCD

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### QUESTION 13

There are two Community filters: ip community-lite lpermit 101201 ip community filter 2permit101 ip commmuriyfilter 2permit21 Regarding the above ommunifyfiter, the correct description is ?( Multiple choice questions).

- A. As long as the group attribute value carried in the BGP route contains 100:1 or 200:1, or both, the BGP route matches the community-filter1
- B. As long as the group attribute value carried in the BGP route contains 100:1 or 200:1, or both, the BGP route matches community-filter2
- C. The BGP route matches community-filter 1 only if the community attribute values carried in the BGP route contain 100:1 and 200:1
- D. A BGP route matches community-filter2 only if the group attribute values carried in the BGP route include 100:1 and 200:1

Correct Answer: BC

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### QUESTION 14

When the ABR is a Type 5/7 LSA Switch router in the NSSA zone, then the ABR can be used against the Type 7 LSA The converted type 5 LSA is aggregated.

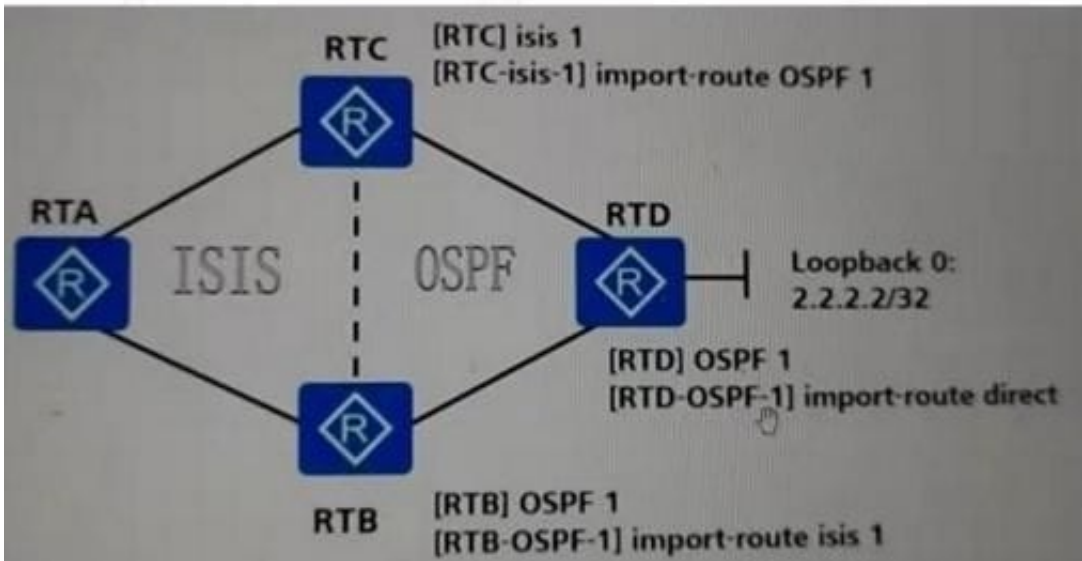
- A. True
- B. False

Correct Answer: A

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### QUESTION 15

In a network, the same gigabit running S and OSPF anti-tampering and fluttering as shown in the figure, on the two border routers RTB and RTC are introduced into the wine route, the device question is to use gigabit one port strobe, , 222 The network is introduced into the OSE via impotrote direct on the RTD, assuming that all other configurations are dead default configurations, then the description of this network is wrong ?



- A. Adjusting the ISIS priority to 160 on the RTB avoids suboptimal routing problems in the network.
- B. On the RTC, the following configuration is adopted, only the routes of the 2222/32 cinder segment can be filtered out when routing is introduced, IRTC ip-prefix 10 index 1 deny 2 000 8 less-equal 32
- C. RTB learns that the routing next hop for the 2222/32 network segment is RTA
- D. The following configuration can filter out the routes of the 2222/32 CIDR block of the white RTD when RTC introduces OSPF routes.

Correct Answer: B

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