



H12-831^{Q&As}

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

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QUESTION 1

The input information of a router is as follows. Which of the following causes the OSPF adjacency cannot be established normally?

```

<Huawei>display ospf error interface GigabitEthernet 0/0/0
OSPF Process 1 with Router ID 10.0.2.2
OSPF error statistics

Interface: GigabitEthernet0/0/0 (10.0.12.2)
General packet errors:
 0 :Bad version          0 :Bad checksum
1 :Bad area id          0 :Bad authentication type
10 :Bad authentication key  0 :Unknown neighbor
0 :Bad net segment      0 :Extern option mismatch
0 :Router id confusion

BHELLO packet errors:
 0 :Netmask mismatch    1 :Hello timer mismatch
0 :Dead timer mismatch  0 :Invalid Source Address
  
```

- A. Area code does not match
- B. Inconsistent area type
- C. interface IP inconsistent address masks
- D. Hello timer mismatch

Correct Answer: AD

QUESTION 2

During the test phase of the cutover, the criteria to indicate that the test has been completed are:

- A. IP configuration view result of the device is normal as the standard
- B. Test that the network service is normal as the standard
- C. The upper-layer application service test carried by the network is normal as the standard
- D. Check that the network is running normally as a standard

Correct Answer: C



QUESTION 3

In the VLAN aggregation technology, multiple Sub-VLANs are used to isolate wide-open domains, and these Sub-VLANs are aggregated.

Synthesizing a logical Super-VLAN, a company divides different departments into different Sub-VLANs, because Sub-VLAN not only includes physical connection, but also can establish three-layer VLAN ANIF interface, which can directly carry out three-layer communication with external network.

A. True

B. False

Correct Answer: B

QUESTION 4

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 5

As shown in the figure, OSPF is enabled on all the routers. The IP address marked in the figure is the IP address of the loopbackO interface of the device. The LoopbackO of R1 and R2 is advertised in area 1, the LoopbackO of R4 is advertised in area 0, and the LoopbackO of R3 and R5E is advertised in area 0. In area 2, which of the following IP addresses can ping each other?



A. 10.0.2.2and10.0.3.3 (Non-backbone area received3class received does not count)



- B. 10.0.3.3 and 10.0.5.5 (same area 1 kind)
- C. 10.0.4.4 and 10.0.22 (normal calculation 3 kind)
- D. 10.0.22 and 10.0.5.5 (Non-backbone area received 3 class received does not count)

Correct Answer: BC

QUESTION 6

In the network shown in the figure below, to implement a remote LDP session between SWA and SWC, the following



- A. No need to specify the correct equivalent lsr-id
- B. The configuration in the figure can already be realized
- C. You need to create a remote peer, and then specify the peer \\slsr-id
- D. Need to be equipped with a direct connection port to establish TCP connect

Correct Answer: C

QUESTION 7

As shown in the figure, the MP_BGP neighbor relationship is established between PE1 and PE2 through the LoopbackO interface. After the configuration is complete, it is found that CE1 and CE2 cannot learn routes from each other. Which of the following options will cause this problem.



- A. PE1 or PE2 not present BGP-VPNv4 Enabling neighbors in unicast address family view
- B. PE1 or PE2? VPN Instance parameter configuration error
- C. PE1 and PE2 between LSPTunnel not established
- D. PE1 or PE2 with each other CE Misconfigured routing protocol between

Correct Answer: ABCD

QUESTION 8

The ORF function of BGP can control the routing entries sent by neighbors. In order to achieve this purpose, the BGP router will send the list of routes to be filtered to the neighbors. Which tool is generally used to send the list to the neighbors?

- A. A, CL
- B. Filter-Policy
- C. IP Prefix List
- D. Route-Policy

Correct Answer: C

QUESTION 9

What characteristics must a high-risk operation plan have?

- A. with verification
- B. Strong operability
- C. accurate
- D. can return

Correct Answer: ABCD

**QUESTION 10**

How many bits are there in the label field of PLS?

- A. 1
- B. 8
- C. 3
- D. 20

Correct Answer: D

QUESTION 11

Can Huawei equipment perform traffic suppression for Mingbi packets?

- A. Unknown unicast
- B. known unicast
- C. multicast
- D. broadcast

Correct Answer: ABCD

QUESTION 12

There is the concept of forwarding equivalence class FEC in MPLS. The following description is wrong:

- A. MPLS Grouping packets with the same forwarding processing method is called FEC
- B. a forwarding equivalence class FEC A unique label value is assigned on all routers
- C. same FEC grouped in MPLS There will be different processing in the network
- D. FEC The division is very flexible. Can be the source address, and the address, source port, destination port, protocol type or VPN Equal to any combination of division basis

Correct Answer: BC

QUESTION 13

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 14

The description of the MPLS forwarding mechanism is correct

A. The system automatically allocates a label, also known as Tunnel ID

B. when an IP message enters the MPLS domain, the first thing to look at is the FIB surface

C. if the Tunnel ID value is not 0x0, it enters the normal IP forwarding process

D. if the Tunnel ID value is 0x0, it enters the MPLS forwarding process

Correct Answer: AB

QUESTION 15

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. One IS-IS process can only be used with one 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. One IS-IS process can be associated with multiple different VPN instance associations

D. One VPN instance can be associated with multiple different IS-IS process associations

Correct Answer: ABD

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