



H12-831^{Q&As}

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

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**QUESTION 1**

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

- A. switch MAC address learning errors
- B. interface is administratively shutdown or the physical interface is damaged
- C. The wrong port is configured on the switch and MAC address binding
- D. Port isolation is configured on the switch

Correct Answer: ABCD

QUESTION 2

display interface GE0/0/0 once, and found that the Total Error count (the total number of error packets at the physical layer of the interface) is not correct. . At this time, it can be concluded that the current time and fall has not disappeared.

- A. True
- B. False

Correct Answer: A

QUESTION 3

Which of the following statements about MUX VLANs are true?

- A. each Group VLAN must bind a Principal VLAN
- B. Separate VLANs can and MUX VLAN all within VLAN communication
- C. each Separate VLAN must bind a Principal VLAN
- D. Principal VLAN can and MUX VLAN all within VLAN communication

Correct Answer: ACD

QUESTION 4

In intra-domain MPLS VPN networks, data packets will be encapsulated with two layers of MPLS when they enter the public network and are forwarded. Label, a description of the two-layer label in the following options. What is wrong is:

- A. MPLS VPN The outer label is made by LDP protocol or statically assigned. The inner label is assigned by the correct end MP-BGP assigned by neighbors



B. By default, the outer label is popped before the packet is forwarded to the last hop device

C. MPLS VPN The outer layer is labeled as a private network label, and the inner layer label is called a public network label.

D. Layer labels are used in PE The device sends the packet correctly to the corresponding VPN middle

Correct Answer: CD

QUESTION 5

According to this picture, you can judge



```
<R1>display ipv6 routing-table protocol bgp
```

```
Public Routing Table: BGP
```

```
Summary Count : 1
```

```
BGP Routing Table's Status : < Active >
```

```
Summary Count : 1
```

```
Destination : 3002::3
```

```
PrefixLength : 128
```

```
NextHop : 3000:FDEA::3
```

```
Preference : 255
```

```
Cost : 0
```

```
Protocol : IBGP
```

```
RelayNextHop : FE80::2E0:FCFF:FE98:2577
```

```
TunnelID : 0x0
```

```
Interface : GigabitEthernet0/0/1
```

```
Flags : RD
```

```
<R1>
```

- A. The optimal outgoing interface for R1 to access room 3000: FDEA::3 is GigabitEthernet0/0/1
- B. R1 with 3000:FDEA::3 is IBGP neighbor
- C. R1 has a TCP connection with 3000:FDEA::3
- D. R1 learned route 3002 through IBGP::3/128

Correct Answer: BD