



# H12-831<sup>Q&As</sup>

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

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### QUESTION 1

As shown in the figure, all routers run OSPF, because R3 is in the backbone area, so in the LSDB of R3 There are no three types of LSAO



A. True

B. False

Correct Answer: B

### QUESTION 2

MPLS is called Multi-Protocol Label Switching. Regarding the label description in MPLS, the correct one is:

A. MPLS The system has a variety of label publishing protocols, such as LDP is a label publishing agreement

B. Labeled by MPLS header of message It has global significance, that is, the label values of all routers cannot be repeated.

C. A label is a fixed-length identifier with only local significance, which is used to uniquely identify the group to which a group belongs. FEC

D. MPLS Supports single-layer labels as well as multi-layer labels

Correct Answer: ACD

### QUESTION 3

According to this figure, it can be known that in VLAN 300, from 17:22:38 to 17:22:44, 00e0-fc3d-3bdb. 0 MA, C flaps occurred on 2020-06-04.

Move-Time	VLAN	MAC-Address	Original-Port Move-
S2020-0604 17:22:33 E2020-06 04	300	00e0 · fc3d · 3bdb	Eth-Trunk2 Eth-Trunk1 5



- A. 5
- B. 65535
- C. 300
- D. 1

Correct Answer: A

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#### QUESTION 4

What is the LSA whose flooding range is the entire autonomous system in SPFV3?

- A. Link-LSA
- B. As-external-LSA
- C. Inter-Area-Prefix-LSA
- D. Intra-Area-Prefix-LSA

Correct Answer: B

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#### QUESTION 5

In the same environment, engineers A and B execute the tracert command. The destination addresses are the same, but the paths are different. What are the possible reasons?



Engineer A:

```
<R1>tracert -A 172.16.1.1 172.16.1.4
```

```
1 10.1.12.2 10 ms 10 ms 10 ms
```

```
2 10.1.24.2 30 ms 10 ms 10.1.34.2 30 ms
```

Engineer B:

```
<R1>tracert -A 172.16.1.1 -P 33436 172.16.1.4
```

```
1 10.1.12.2 20 ms 20 ms 20 ms
```

```
2 10.1.34.2 30 ms 40 ms 20 ms
```

- A. The phenomenon is abnormal, the device has an operating system failure
- B. Engineer A's operation error
- C. Engineer B's operation error
- D. The destination port numbers of the UDP packets serving tracert are different, and the hashes reach different equivalent next hops.

Correct Answer: D

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