



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

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

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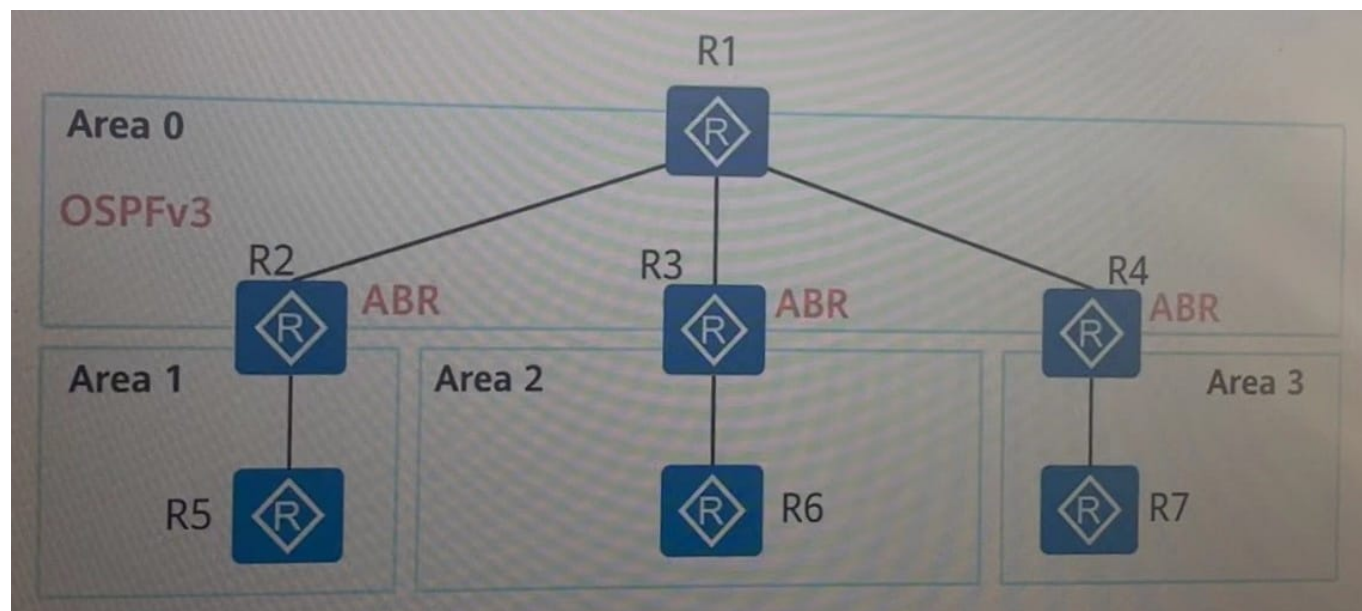
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**QUESTION 1**

In the topology shown in the figure, the entire network runs OSPFv3 agreement in NoIn the case of attracting external routes, R1 which type of LSA?



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

Correct Answer: C

**QUESTION 2**

The Router LSA of a router is shown in the figure. Which of the following statements is wrong?

- A. of this router Router ID for 10.0.12.1
- B. This router is DR
- C. This router has established an adjacency relationship
- D. This router supports external route import

Correct Answer: B

**QUESTION 3**



Which of the following regular expressions can match only BGP routes that pass through AS200 and then through AS300 eyes?

- A. 200\$|300\$
- B. A200|A300
- C. \_(200 300)\_
- D. \_[200 300]

Correct Answer: C

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#### QUESTION 4

OSPFV2 is an IGP running on an IPv4 network; OSPFv3 is an IGP running on an IPv6 network the packet types of OSPFv3 and OSPFv2 are the same, including Hello message, DD message, LSU message, LSU packets and SACK packets. Which of the following statements is correct about OSPFv3 packets?

- A. OSPFv3 Complete packet authentication using the authentication field in the packet header
- B. OSPFv3 The link-local address is used as the source address of the sent packet, and the packet can be forwarded outside the range of the originating link
- C. OSPFv3 use IPv6 multicast address FF02::5 and FF02::6 to send OSPFv3 message
- D. OSPFv3 Hello The packet carries the router interface IPv6 address prefix list

Correct Answer: C

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#### QUESTION 5

Part of the configuration of R1 is as follows. Which statement about OSPF on R1 is correct? `ospf 1 router-id 172.16.1.1 area 0.0.0.0 network 10.1.12.1 0.0.0.0 network 10.1.3.0 0.0.0.0 network 172.16.1.1 0.0.0.0 ospf 2 vpn-instance tt area 0.0.0.0 network 10.1.1.1 0.0.0.0`

- A. VRF tt The routing information will appear in OSPF process 1 in the routing table
- B. process 1 and process 2 of OSPF LSDB within its area are inconsistent
- C. process 1 and process 2 of OSPF-LSDB area 0 are exactly the same
- D. VRF tt The routing information will not be available in OSPF process 1 in the routing table

Correct Answer: BD

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