



4A0-101^{Q&As}

Alcatel-Lucent Interior Routing Protocols and High Availability

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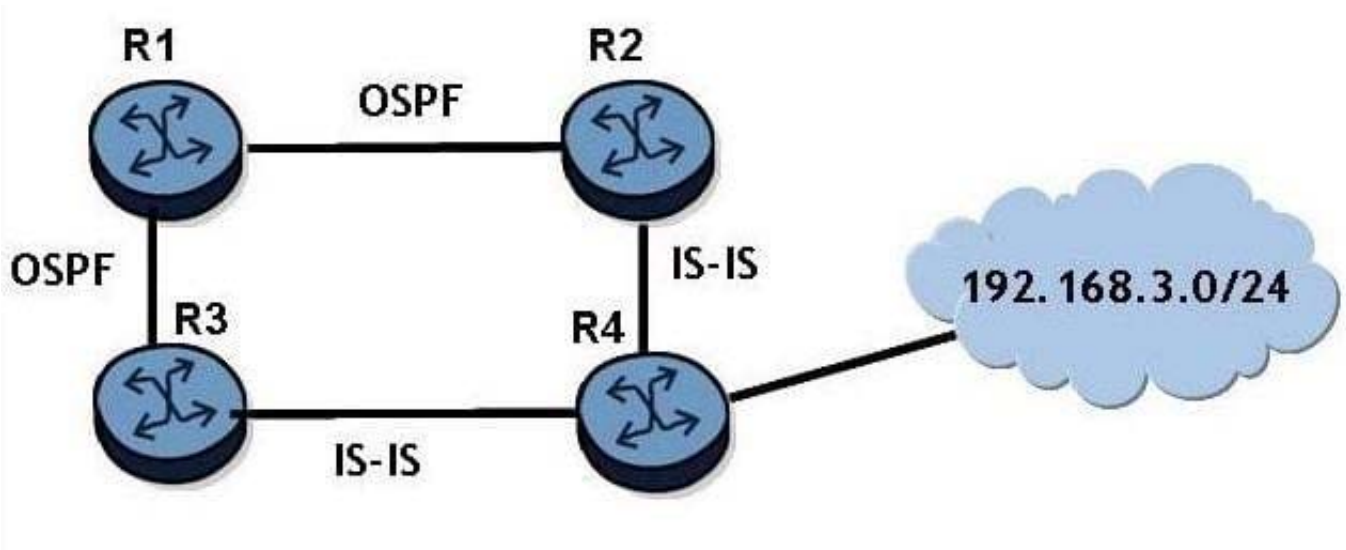
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QUESTION 1

Click the exhibit button.



If router R2 redistributes the IS-IS route to 192.168.3.0/24 into OSPF, router R3 will receive two routes to 192.168.3.0/24. What will be the preference of these two routes? Assume that all IS-IS routers are L1/L2 capable and are in the same area. Choose two answers.

- A. The OSPF internal preference
- B. The IS-IS Level 1 internal preference
- C. The IS-IS Level 2 internal preference
- D. The OSPF external preference
- E. The IS-IS Level 2 external preference
- F. The IS-IS Level 1 external preference

Correct Answer: BD

QUESTION 2

A static route is created using the command "static-route 0.0.0.0/0 next-hop 3.3.3.1". What command could be used to test the static route on an Alcatel-Lucent 7750 SR?

- A. Ping static 3.3.3.1
- B. Ping static 0.0.0.0/0
- C. Ping 3.3.3.1
- D. Ping 0.0.0.0



Correct Answer: C

QUESTION 3

Which of the following is FALSE regarding link-state protocols?

- A. Each router constructs its own link-state database with updates received from neighbors.
- B. When a router performs an SPF computation, it sends the results to its neighbors.
- C. An SPF computation is done by each router to determine the best path to destination prefixes
- D. The link-state database is identical for all routers in a single area routing domain.

Correct Answer: B

QUESTION 4

When a router receives an IP packet, but does not find a match in the routing table for the destination IP address, what actions are performed by the router?

- A. The packet is flooded out all router interfaces.
- B. The packet is dropped and an ICMP unreachable message is sent back to the source.
- C. The packet is silently discarded.
- D. The packet is flooded out all interfaces and an ICMP unreachable message is sent.

Correct Answer: B

QUESTION 5

Which of the following best describes how IS-IS routers exchange updates on an Ethernet interface?

- A. IS-IS routers exchange updates by sending UDP packets to a multicast address.
- B. IS-IS routers exchange updates using IP multicast packets.
- C. IS-IS routers exchange updates using Ethernet multicast packets.
- D. IS-IS routers exchange updates by sending packets to the subnet broadcast address.

Correct Answer: C