



# 4A0-100<sup>Q&As</sup>

Alcatel-Lucent Scalable IP Networks

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**QUESTION 1**

Which of the following statements about packet forwarding is FALSE?

- A. The router consults the forwarding table on the ingress IOM.
- B. The router looks for a longest match to the destination IP address.
- C. The router resolves the next-hop address of the matching route to a physical interface.
- D. If there is no match in the forwarding table, the router sends a "No route to destination" notification.

Correct Answer: A

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**QUESTION 2**

What protocol is used by ping to verify IP network reachability?

- A. DCHP
- B. ICMP
- C. ARP
- D. NAT

Correct Answer: B

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**QUESTION 3**

Which of the following statements best describes ARPANET?

- A. ARPANET was an early packet switched network initially connecting 4 sites (Stanford, UC Santa Barbara, UCLA, and U of Utah).
- B. The mission of ARPANET was to connect packet switched networks and other diverse networks, making an international network of networks.
- C. ARPANET connected sites spread around the Hawaiian Islands to a central time-sharing computer on the University of Hawaii campus.
- D. ARPANET was based on the use of TCP/IP to interconnect diverse systems.

Correct Answer: A

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**QUESTION 4**

If a 5-port LAG is configured with the option of `port-threshold 2 action down`, and dynamic-cost is enabled, what will happen if the total number of operational links in the LAG is 2?



- A. The LAG cost is equal to the link cost divided by 3.
- B. The LAG cost is equal to the link cost.
- C. The LAG is operationally down.
- D. The LAG cost is equal to the link cost divided by 5.

Correct Answer: C

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#### QUESTION 5

Which of the following statements about ARP request and ARP response messages is TRUE?

- A. Both ARP request and response messages are unicast messages.
- B. Both ARP request and response messages are broadcast messages.
- C. An ARP request is a broadcast message, while an ARP response is a unicast message.
- D. An ARP request is a unicast message, while an ARP response is a broadcast message.

Correct Answer: C

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