# 200-301<sup>Q&As</sup>

Implementing and Administering Cisco Solutions (CCNA) (Include Newest Simulation Labs)

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**QUESTION 1**

Refer to the exhibit. Which command configures a floating static route to provide a backup to the primary link?

```
Router#show ip route
Codes: L - local, C - connected, S - static, R - RIP, M - mobile, B - BGP
       D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter area
       N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2
       E1 - OSPF external type 1, E2 - OSPF external type 2
       i - IS-IS, su - IS-IS summary, L1 - IS-IS level-1, L2 - IS-IS level-2
       ia - IS-IS inter area, * - candidate default, U - per-user static route

Gateway of last resort is 209.165.202.131 to network 0.0.0.0

S*      0.0.0.0/0 [1/0] via 209.165.202.131
        209.165.200.0/27 is subnetted, 1 subnets
S          209.165.200.224 [254/0] via 209.165.202.129
        209.165.201.0/27 is subnetted, 1 subnets
S          209.165.201.0 [1/0] via 209.165.202.130
```

A. ip route 0.0.0.0 0.0.0.0 209.165.202.131

B. ip route 209.165.201.0 255.255.255.224 209.165.202.130

C. ip route 0.0.0.0 0.0.0.0 209.165.200.224

D. ip route 209.165.200.224 255.255.255.224 209.165.202.129 254

Correct Answer: D

**QUESTION 2**

When a switch receives a frame for an unknown destination MAC address, how is the frame handled?

A. broadcast to all ports on the switch

B. flooded to all ports except the origination port

C. forwarded to the first available port

D. inspected and dropped by the switch

Correct Answer: B

**QUESTION 3**

An engineer is installing a new wireless printer with a static IP address on the Wi-Fi network. Which feature must be enabled and configured to prevent connection issues with the printer?

A. client exclusion

B. DHCP address assignment

C. passive client

D. static IP tunneling

Correct Answer: C

Passive clients are wireless devices, such as scales and printers that are configured with a static IP address. These clients do not transmit any IP information such as IP address, subnet mask, and gateway information when they associate with an access point. As a result, when passive clients are used, the controller never knows the IP address unless they use the DHCP.

https://www.cisco.com/c/en/us/td/docs/wireless/controller/7-6/configuration-guide/b_cg76/b_cg76_chapter_01100000.html

**QUESTION 4**

Which technology is used to improve web traffic performance by proxy caching?

A. WSA

B. Firepower

C. ASA

D. FireSIGHT

Correct Answer: A

https://www.cisco.com/c/en/us/products/collateral/security/web-security-appliance/guide-c07-742373.html

4.1 Web proxy Caching should be enabled in the web proxy configuration in order to save bandwidth and boost performance. This is becoming less important as the percentage of HTTPS traffic increases because the WSA does not by default cache HTTPS transactions. If the proxy is deployed to serve only explicit clients, forward mode should be specified in order to reject any traffic that isn\'t specifically destined for the proxy service. This reduces attack surface in the appliance and follows a good security principle: If you don\'t need it, turn it off.

**QUESTION 5**

Why is a first-hop redundancy protocol implemented?

A. to enable multiple switches to operate as a single unit

B. to provide load-sharing for a multilink segment

C. to prevent loops in a network

D. to protect against default gateway failures

Correct Answer: D

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