Cisco

200-301 Exam

Cisco Certified Network Associate

Questions & Answers
Demo

Version: 36.0

Question: 1

Which action does the router take as it forwards a packet through the network?

A. The router replaces the original source and destination MAC addresses with the sending router MAC address as the source and neighbor MAC address as the destination
B. The router encapsulates the original packet and then includes a tag that identifies the source router MAC address and transmits it transparently to the destination
C. The router encapsulates the source and destination IP addresses with the sending router IP address as the source and the neighbor IP address as the destination
D. The router replaces the source and destination labels with the sending router interface label as a source and the next hop router label as a destination

Answer: A

Explanation:

Question: 2

Refer to the exhibit.

```
ip arp inspection vlan 2
interface fastethernet 0/1
    switchport mode access
    switchport access vlan 2
```

What is the effect of this configuration?

A. The switch port interface trust state becomes untrusted
B. The switch port remains administratively down until the interface is connected to another switch C. Dynamic ARP inspection is disabled because the ARP ACL is missing
D. The switch port remains down until it is configured to trust or untrust incoming packets

Answer: A

Explanation:

Dynamic ARP inspection (DAI) is a security feature that validates ARP packets in a network. It intercepts, logs, and discards ARP packets with invalid IP-to-MAC address bindings. This capability protects the network from certain man-in-the-middle attacks. After enabling DAI, all ports become untrusted ports

Question: 3

Which two values or settings must be entered when configuring a new WLAN in the Cisco Wireless LAN Controller GUI? (Choose two)

A. management interface settings
B. QoS settings
C. Ip address of one or more access points
D. SSID
E. Profile name

Answer: D, E

Explanation:

Question: 4

Which QoS tool is used to optimize voice traffic on a network that is primarily intended for data traffic?

A. FIFO
B. WFQ
C. PQ
D. WRED

Answer: C

Explanation:

Question: 5

Which security program element involves installing badge readers on data-center doors to allow workers to enter and exit based on their job roles?

A. role-based access control
B. biometrics
C. multifactor authentication
D. physical access control

Answer: D

Explanation: