



300-430^{Q&As}

Implementing Cisco Enterprise Wireless Networks (ENWLSI)

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QUESTION 1

Refer to the exhibit.

```
(Cisco WLC) >show dhcp proxy
DHCP ProxyBehaviour: enabled
!
interface Vlan63
 ip address 10.10.63.252/22
 description Dot1x_BYOD
 no shutdown
!
```

A network administrator deploys the DHCP profiler service in two ISE servers: 10.3.10.101 and 10.3.10.102. All BYOD devices connecting to WLAN on VLAN63 have been incorrectly profiled and are assigned as unknown profiled endpoints. Which action efficiently rectifies the issue according to Cisco recommendations?

- A. Nothing needed to be added on the Cisco WLC or VLAN interface. The ISE configuration must be fixed.
- B. Disable DHCP proxy on the Cisco WLC.
- C. Disable DHCP proxy on the Cisco WLC and run the ip helper-address command under the VLAN interface to point to DHCP and the two ISE servers.
- D. Keep DHCP proxy enabled on the Cisco WLC and define helper-address under the VLAN interface to point to the two ISE servers.

Correct Answer: C

<https://www.cisco.com/c/en/us/support/docs/wireless/4400-series-wireless-lan-controllers/110865-dhcp-wlc.html>

QUESTION 2

A network engineer observes a spike in controller CPU overhead and overall network utilization after multicast is enabled on a controller with 500 APs. Which feature connects the issue?

- A. controller IGMP snooping
- B. multicast AP multicast mode
- C. broadcast forwarding
- D. unicast AP multicast mode

Correct Answer: B

Note: The question is about the reason behind CPU hike, it is not asking the solution for the issue



<https://www.cisco.com/c/en/us/support/docs/wireless-mobility/wireless-lan-wlan/81671-multicast-wlc-lap.html>

QUESTION 3

A wireless engineer needs to implement client tracking. Which method does the angle of arrival use to determine the location of a wireless device?

- A. received signal strength
- B. triangulation
- C. time distance of arrival
- D. angle of incidence

Correct Answer: D

The Angle of Arrival (AoA) technique, sometimes referred to as Direction of Arrival (DoA), locates the mobile station by determining the angle of incidence at which signals arrive at the receiving sensor. Geometric relationships can then be used to estimate location from the intersection of two lines of bearing (LoBs) formed by a radial line to each receiving sensor, as illustrated in Figure 2-5. In a two-dimensional plane, at least two receiving sensors are required for location estimation with improved accuracy coming from at least three or more receiving sensors (triangulation).

Reference: <https://www.cisco.com/c/en/us/td/docs/solutions/Enterprise/Mobility/WiFiLBS-DG/wifich2.html>

QUESTION 4

An engineer is troubleshooting a Cisco CMX high-availability deployment and notices that the primary and backup Cisco CMX servers are both considered primary. Which command must the engineer run on the backup server?

- A. cmxha convert backup
- B. cmxha backup convert
- C. cmxha secondary convert
- D. cmxha convert secondary

Correct Answer: C

cmxha secondary{ convert | info }

https://www.cisco.com/c/en/us/td/docs/wireless/mse/10-3/cmx_command/cmxcli103.pdf

QUESTION 5

What must be configured on ISE version 2.1 BYOD when using Single SSID?

- A. no authentication
- B. WPA2



C. open authentication

D. 802.1x

Correct Answer: D

<https://ciscocustomer.lookbookhq.com/iseguidedjourney/BYOD-configuration>

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