



# 300-425<sup>Q&As</sup>

Designing Cisco Enterprise Wireless Networks (ENWLSD)

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### QUESTION 1

A network engineer is designing a new wireless network. The network needs to have these characteristics:

- support high client concentration
- optimize client performance
- avoid interference

Which approach should be taken?

- A. Deploy APs near each other for 5 GHz coverage, and disable the 2.4 GHz radios for some Aps.
- B. Deploy APs near each other for 2.4 GHz coverage, and disable the 5 GHz radios for all APs.
- C. Deploy APs near each other for 5 GHz coverage, and enable the 2.4 GHz radios for all Aps.
- D. Deploy APs near each other for 2.4 GHz coverage, and disable the 5 GHz radios for some APs.

Correct Answer: A

Reference:

[https://www.cisco.com/c/en/us/td/docs/wireless/controller/technotes/86/b\\_Cisco\\_Wireless\\_LAN\\_Controller\\_Configuration\\_Best\\_Practices.html](https://www.cisco.com/c/en/us/td/docs/wireless/controller/technotes/86/b_Cisco_Wireless_LAN_Controller_Configuration_Best_Practices.html)

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### QUESTION 2

An engineer has deployed a group of APs in an auditorium and notices that the APs are showing high cochannel interference. Which profile can be used to adjust the parameters for these high-density APs?

- A. QoS profile
- B. AVC profile
- C. RF profile
- D. ISE profile

Correct Answer: C

Reference:

#### Information About RF Profiles

RF Profiles allows you to tune groups of APs that share a common coverage zone together and selectively change how RRM will operate the APs within that coverage zone.

For example, a university might deploy a high density of APs in an area where a high number of users will congregate or meet. This situation requires that you manipulate both data rates and power to address the cell density while managing the co-channel interference. In adjacent areas, normal coverage is provided and such manipulation would result in a loss of coverage.

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### QUESTION 3

During a wireless design all APs are mapped to designated controllers in case of a failure. The controllers are located in the same data center but in different racks. An AP failed over to a controller that was not defined on its High Availability tab. The customer does not want the AP to move back to its defined Cisco WLCs until they manually intervene. What needs to be addressed in the design?

- A. Set AP fallback to enabled.
- B. Set AP fallback to disabled.
- C. Change the HA SKU secondary unit option.
- D. Change the default mobility domain.

Correct Answer: B

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### QUESTION 4

APs in a remote office recently have been converted from local mode to FlexConnect to take advantage of the local switching. After the change, remote wireless users report voice quality issues and bad quality on wireless IP phones while roaming. A debug is performed, and it is noticed that the 802.11r Fast Transition is not working as expected, like on local mode AP, though the same WLAN configuration is in place. What is the cause of the issue regarding the FlexConnect APs?

- A. They do not support 802.11r FT.
- B. They must be added into AP groups along with a common RF profile.
- C. They must be in a FlexConnect group to support 802.11r FT.
- D. They must be added to AP groups to support fast roaming methods.

Correct Answer: C

Reference: <https://www.cisco.com/c/dam/en/us/td/docs/wireless/controller/technotes/80211r-ft/b-80211r-dg.html>

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### QUESTION 5

An engineer is designing a point-to-multipoint mesh network. Which two AP configurations must be completed for a site survey? (Choose two.)

- A. MAP hostnames
- B. Rx power
- C. mesh on 2.4 GHz band
- D. bridge group name
- E. Tx power



Correct Answer: BE

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