



300-425^{Q&As}

Designing Cisco Enterprise Wireless Networks (ENWLSD)

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**QUESTION 1**

A customer has restricted the AP and antenna combinations for a design to be limited to one model integrated antenna AP for carpeted spaces and one model external antenna AP with high gain antennas for industrial, maintenance, or storage areas. When moving between a carpeted area to an industrial area, the engineer forgets to change survey devices and surveys several APs. Which strategy will reduce the negative impact of the design?

- A. Resurvey and adjust the design.
- B. Deploy unsurveyed access points to the design.
- C. Deploy the specified access points per area type.
- D. Increase the Tx power on incorrectly surveyed access points.

Correct Answer: A

QUESTION 2

An engineer is designing an outdoor mesh network to cover several sports fields. The core of the network is located in a building at the entrance of a sports complex. Which type of antenna should be used with the RAP for backhaul connectivity?

- A. 5 GHz. 8-dBi omnidirectional antenna
- B. 2.4 GHz. 8-dBi patch antenna
- C. 2.4 GHz. 14-dBi omnidirectional antenna
- D. 5 GHz. 14-DBi patch antenna

Correct Answer: D

Reference: https://www.cisco.com/c/en/us/products/collateral/wireless/aironet-antennas-accessories/product_data_sheet09186a008008883b.html

QUESTION 3

The wireless team must configure a new voice SSID for optimized roaming across multiple WLCs with Cisco 8821 phones. Which two settings accomplish this goal? (Choose two.)

- A. Configure mobility groups between WLCs.
- B. Use Cisco Centralized Key Management for authentication.
- C. Configure AP groups between WLCs.
- D. Configure AVC profile on new SSID.



E. Use AVC to tag traffic voice traffic as best effort.

Correct Answer: BE

QUESTION 4

A wireless engineer must assess constraints for a future WLAN deployment for a site that consists of office cubicles. Which signal propagation attenuation result is associated with this environment?

- A. reflection
- B. absorption
- C. noise
- D. refraction

Correct Answer: B

QUESTION 5

During a client roaming event, which device is responsible for communicating the new Layer 2 EID mapping of a wireless supplicant to the fabric domain?

- A. WLC
- B. BN
- C. CP2
- D. CP1

Correct Answer: A

Reference: <https://www.cisco.com/c/dam/en/us/td/docs/cloud-systems-management/network-automation-and-management/dna-center/deploy-guide/cisco-dna-center-sd-access-wl-dg.pdf>