



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

Designing Cisco Enterprise Wireless Networks (ENWLSD)

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### QUESTION 1

A network consultant is designing a wireless network for a government agency. The customer requires high security between any device communication. The design includes AireOS, Cisco IOS-XE controllers, and Cisco 4800 Series APs. Which requirement must be met to enhance the mobility group security?

- A. Use a different group name for each mobility member.
- B. Enable MIC authentication between the mobility group members.
- C. Enable Mobility Encryption on the network.
- D. Use a complex group name for the mobility group.

Correct Answer: B

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### QUESTION 2

A network engineer is preparing for an office site survey with a height of 2.5 meters. Which three components are recommended to complete the survey? (Choose three.)

- A. Use a battery pack to power APs
- B. Use a drawing of the office space to draw AP and client placements.
- C. Use DoS attack on APs while measuring the throughput.
- D. Use APs with directional antennas.
- E. Use APs with external antennas.
- F. Use APs with built-in antennas.

Correct Answer: ABF

Reference: [https://www.cisco.com/c/en/us/td/docs/wireless/technology/mesh/8-4/b\\_mesh\\_84/Site\\_Preparation\\_and\\_Planning.html#ID3405](https://www.cisco.com/c/en/us/td/docs/wireless/technology/mesh/8-4/b_mesh_84/Site_Preparation_and_Planning.html#ID3405)

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### QUESTION 3

A customer called with a requirement that internal clients must be on different subnets depending on the building they are in, AH access points are operating in local mode and will not be modified, and this is a single controller solution. Which design approach creates the desired result?

- A. Create an SSID, place it to the desired VLAN under WLANs, and configure 802.1x in ISE to assign the correct VLAN based on the SSID from which the client is authenticating.
- B. Create FlexConnect groups, place the access points in. and set the correct VLAN to SSID mapping based on location.



C. Create AP groups for each desired location, map the correct VLANs to the internal SSID, and add the access points for that location.

D. Create mobility anchors for the SSID, and on the controller under the internal SSID. create a foreign map to the desired VLAN based on location.

Correct Answer: C

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#### QUESTION 4

What is the wireless signal loss of large cases of liquid materials being stored in a warehouse environment?

A. It is higher than dry goods.

B. It is not impactful to the RF design.

C. It is less than dry goods.

D. It is impactful but overall negligible to the RF design.

Correct Answer: A

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#### QUESTION 5

An engineer must perform an assessment of a customer LAN for a future IEEE 802.11ac Wave 2 wireless deployment. All access switches are Fast Ethernet-Capable only, and the wired infrastructure between existing APs and access switches is based on the CAT 6A standard. Which two actions provide maximum support of Cisco 3800 Series access points? (Choose two.)

A. Replace the existing switches with mGig switches.

B. Replace the existing switches with gigabit switches with 10G uplinks.

C. Ensure that cable distances between access switches and APs are not longer than 100 meters.

D. Replace the existing wiring infrastructure with the CAT-7E wiring standard,

E. Ensure that cable distances between access switches and APs are not longer than 55 meters.

Correct Answer: AC

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