



300-425^{Q&As}

Designing Cisco Enterprise Wireless Networks (ENWLSD)

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**QUESTION 1**

A wireless deployment in a high-density environment is being used by vendors to process credit card payment transactions via handheld mobile scanners. The scanners are having problems roaming between access points in the environment. Which feature on the wireless controller should have been incorporated in the design?

- A. RX SOP
- B. 802.11w
- C. AP Heartbeat Timeout
- D. Application Visibility Control

Correct Answer: A

Reference:

https://www.cisco.com/c/en/us/td/docs/wireless/controller/8-5/configguide/b_cg85/advanced_wireless_tuning.html

QUESTION 2

A customer called with a requirement that internal clients must be on different subnets depending on the building they are in, AP 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

QUESTION 3

When a wireless survey is conducted at a customer facility, signal attenuation in an area that is surrounded by thick glass walls is noted as 2dB. When Cisco Prime Infrastructure is configured, which obstacle must be placed in a map editor to represent the impact that the glass wall will have on the RF signal in the facility?

- A. heavy door
- B. glass
- C. thick wall



D. light wall

Correct Answer: B

QUESTION 4

An engineer must identify the network requirements for a company that has a main office and 10 branch offices. The network must be able to support data, voice, video, and location tracking. Which two factors must be considered? (Choose two.)

- A. security policy of the company for building access
- B. number of wireless devices that require access
- C. type of site for which the survey will be performed
- D. available power sockets in the IT room
- E. business type of the company

Correct Answer: BC

QUESTION 5

An engineer is designing a network deployment for a college with six buildings. Each building must have a WLC located in the IDF to support the APs. The wireless clients should be able to roam between the APs and the controllers. Which type of wireless architecture should be used?

- A. Distributed
- B. Centralized
- C. Cloud
- D. Autonomous

Correct Answer: A

Reference: https://www.cisco.com/c/en/us/td/docs/solutions/Enterprise/Mobility/emob41dg/emob41dg-wrapper/ch2_Arch.html