

300-425^{Q&As}

Designing Cisco Enterprise Wireless Networks (ENWLSD)

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QUESTION 1

An engineer performs a Layer 1 survey by using Metageek chanalyzer only on the current operating channel. Which operating mode is configured for a Cisco CleanAIR AP?

- A. Local
- B. Sniffer
- C. Monitor
- D. SE-connect

Correct Answer: A

Reference:

Local Mode

Each Cisco CleanAir-enabled access point radio provides air quality and interference detection reports for the current operating channel only. Local mode does not disrupt client connections. When a hybrid-REAP access point is connected to the controller, its Cisco CleanAir functionality is identical to local mode.

QUESTION 2

An engineer must ensure that the new wireless LAN deployment can support seamless roaming between access points using a standard based on an amendment to the 802.11 protocol. Which protocol must the engineer select?

- A. 802.11i
- B. 802.11ac
- C. 802.11r
- D. 802.11e

Correct Answer: C

Reference:

The 802.11r Fast Transition (FT) Roaming is an amendment to the 802.11 IEEE standards.

QUESTION 3

During a post-deployment site Survey, issues are found with non wi-Fi interference. What should the engineer use to identify the source of the Interference?

- A. Network analysis module

- B. Wireless intrusion prevention
- C. Wireshark
- D. Cisco spectrum expert

Correct Answer: D

QUESTION 4

Which two considerations must a network engineer have when planning for voice over wireless roaming? (Choose two.)

- A. Full reauthentication introduces gaps in a voice conversation.
- B. Roaming time increases when using 802.1x + Cisco Centralized Key Management.
- C. Roaming occurs when the phone has seen at least four APs.
- D. Roaming occurs when the phone has reached -80 dBs or below.
- E. Roaming with only 802.1x authentication requires full reauthentication.

Correct Answer: AE

Reference: https://www.cisco.com/c/en/us/td/docs/solutions/Enterprise/Mobility/vowlan/41dg/vowlan41dg-book/vowlan_ch5.html

QUESTION 5

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