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# Designing Cisco Enterprise Wireless Networks (ENWLSD)

## Cisco 300-425

Version Demo

Total Demo Questions: 10

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# Topic Break Down

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| Topic 2, Wired and Wireless Infrastructure | 39 |
| Topic 3, Mobility | 27 |
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## QUESTION NO: 1

An engineer has successfully configured high availability and SSO using two Cisco 5508 Wireless LAN Controllers. The engineer can access the Active Primary WLC, but the Secondary Standby WLC is not accessible. Which two methods allow access to the standby unit? (Choose two.)

**A.** via the console connection

**B.** SSH to the redundancy management interface of the primary WLC

**C.** SSH to the service port interface

**D.** SSH to the virtual interface of the secondary WLC

**E.** SSH to the management interface of the primary WLC

**ANSWER: A C**

## QUESTION NO: 2

Which non-Wi-Fi interferer can be identified by Metageek Chanalyzer?

**A.** PDAs

**B.** jammers

**C.** smartphones

**D.** printers

**ANSWER: B**

## QUESTION NO: 3

When conducting a site survey for real-time traffic over wireless, which two design capabilities of smartphones and tablets must be considered? (Choose two.)

**A.** no support for 802.11ac

**B.** higher data rates than laptops

**C.** fewer antennas than laptops

**D.** no support for 802.11r

**E.** lower data rates than laptops

ANSWER: B C

## QUESTION NO: 4

A customer has noticed that Client Band Select is enabled and no clients are utilizing the 5 GHz band. Which three parameters must be met to ensure that wireless clients use the 5 GHz band? (Choose three.)

**A.** Ensure that channel bonding is enabled on the WLAN.

**B.** Ensure that the co-channel interference has not exceeded −85 dBm.

**C.** Ensure that the UNII-2 extended channels are enabled on the 802.11a radios.

**D.** Ensure that the client is receiving RSSI above the minimum band select RSSI threshold.

**E.** Ensure that the client is dual-band capable.

**F.** Ensure that the WLAN has 802.11a enabled.

ANSWER: C D E

## QUESTION NO: 5

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.

ANSWER: A B F

## QUESTION NO: 6

Why is 802.11a connectivity reduced in an X-ray room?

**A.** X-rays create significant non-Wi-Fi interference on the 802.11a band.

**B.** X-rays impact the 802.11a UNII-2 channels that cause access points to dynamically change channels.

**C.** X-rays within these rooms cause multipath issues.

**D.** X-ray rooms exhibit increased signal attenuation.

**ANSWER: D**

## QUESTION NO: 7

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

**A.** Configure AVC profiles on the SSID.

**B.** Configure mobility groups between WLCs.

**C.** Use AVC to tag traffic voice traffic as best effort.

**D.** Configure AP groups between WLCs.

**E.** Use Cisco Centralized Key Management for authentication.

**ANSWER: B E**

## QUESTION NO: 8

An engineer has configured guest anchoring for a newly created SSID however, the mobility tunnels are not up, and EPING is failing from the foreign WLC to the anchor WLC. Which traffic flow must be allowed at the firewall to enable the communication?

**A.** UDP port 16666

**B.** IP protocol 97

**C.** UDP port 97

**D.** TCP port 97

**ANSWER: A**

## QUESTION NO: 9

How does AP failover priority for access points function when configured with priority 1 or 4?

**A.** When configured with priority 1, the access point is assigned with the highest priority level, and it is marked as critical. This access point fails over before other access points with the lower priority when there is primary controller failure.

**B.** When configured with priority 4, the access point is assigned with the highest priority level, and it is marked as critical. This access point fails over before other access points with the lower priority when there is primary controller failure.

**C.** When configured with priority 4, the access point is assigned with the lowest priority level, and it is marked as low. This access point fails over after other access points with the higher priority when there is primary controller failure.

**D.** When configured with priority 1, the access point is assigned with the medium priority level, and it is marked as medium. This access point fails over after other access points with the higher priority when there is primary controller failure.

**ANSWER: B**

## QUESTION NO: 10

An engineer must repurpose a lab WLC appliance for use in the production environment of the enterprise. After the new WLC is configured with the information of the other WLC, the mobility tunnels are still not coming up. What is the reason?

**A.** A firewall is blocking UDP port 16667 between the WLCs.

**B.** The WLC management interfaces are in the same VLAN.

**C.** The hardware platform is incompatible.

**D.** The mobility groups are different.

**ANSWER: D**