

# DUMPS ARENA

## Designing Cisco Enterprise Wireless Networks (ENWLSD)

Cisco 300-425

Version Demo

Total Demo Questions: 10

Total Premium Questions: 113

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## Topic Break Down

Topic	No. of Questions
Topic 1, Wireless Site Survey	28
Topic 2, Wired and Wireless Infrastructure	39
Topic 3, Mobility	27
Topic 4, WLAN High Availability	19
<b>Total</b>	<b>113</b>

**QUESTION NO: 1**

A medium-sized hospitality company with 50 hotels needs to upgrade the existing WLAN in each hotel to 802.11n. During the site surveys for each hotel, what needs to be taken into consideration when determining the locations for each AP?

- A. Selecting APs that can be hidden in ceiling panels to provide a secure and clean aesthetic look.
- B. Selecting locations that make visual assessment of the AP operation easy.
- C. Selecting locations that are easily accessed so maintenance and upgrades can be performed quickly.
- D. Selecting AP locations where power is already available.

**ANSWER: D****QUESTION NO: 2**

An engineer must speed up the reauthentication delays that are being experienced on the wireless infrastructure by deploying a key-caching mechanism. Which mechanism must be configured?

- A. PEAP
- B. FT
- C. PMF
- D. GTK-randomization

**ANSWER: B****QUESTION NO: 3**

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: 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**

Which two criteria must be considered when conducting an outdoor bridge site survey? (Choose two.)

- A. near-far effect
- B. weather
- C. traffic lights
- D. power lines
- E. Fresnel zone

**ANSWER: A D**

**QUESTION NO: 6**

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.

**ANSWER: A E**

#### **QUESTION NO: 7**

A network engineer is troubleshooting connectivity issues between two WLCs running 8.x code in SSO mode and finds that the redundancy management heartbeat is failing. Which packet type must be filtered for heartbeats when taking a capture to verify communication?

- A. RSTP
- B. UDP
- C. TCP
- D. ICMP

**ANSWER: B**

#### **QUESTION NO: 8**

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: 9**

An engineer is designing a wireless network that will support many different types of wireless clients. When conducting the survey, which client must be used to ensure a consistent experience for all of the wireless clients?

- A. the client that has the highest RF properties

- B. the client that is used most by the company
- C. the client that is used least by the company
- D. the client with the worst RF characteristics

**ANSWER: B**

**QUESTION NO: 10**

A wireless engineer is performing a post verification of a wireless network. Which two metrics does the engineer verify to ensure that the wireless network can support voice services? (Choose two.)

- A. The coverage area must have a noise floor that does not exceed  $-87$  dBm.
- B. The client device must have at least an  $-67$  dBm RSSI.
- C. The rate of retransmitted packets must be 15 percent or below.
- D. The rate of retransmitted packets must be 20 percent or below.
- E. The client device must have at least an  $-65$  dBm RSSI.

**ANSWER: B C**