

➤ **Vendor: Cisco**

➤ **Exam Code: 300-425**

➤ **Exam Name: Designing Cisco Enterprise Wireless Networks (ENWLSD)**

➤ **New Updated Questions from [Braindump2go](#) (Updated in [September/2020](#))**

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#### **QUESTION 40**

A customer has determined that a cable run for a low-throughput RF design is not economically feasible to install. Which two access point modes can alleviate these customer concerns? (Choose two.)

- A. bridge
- B. sniffer
- C. Flex+Bridge
- D. FlexConnect
- E. local

**Answer: AD**

#### **QUESTION 41**

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: AE**

#### **QUESTION 42**

An engineer must create data link redundancy for the company's Cisco Wireless LAN controller. The engineer has decided to configure LAG-based redundancy instead of port-based redundancy. Which three features of LAG-based redundancy influenced this decision? (Choose three.)

- A. Packets are always sent out on the same port they are received on.
- B. All interface traffic passes as long as one port is up.
- C. The same port has multiple untagged dynamic interfaces.
- D. Interface connection to two separate nonstacked switches is available.
- E. Full bandwidth of all links is available.
- F. Ports are grouped into multiple LAGs.

**Answer: ABF**

#### **QUESTION 43**

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?

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

**Answer:** B

**QUESTION 44**

A customer is running a guest WLAN with a foreign/export-anchor setup. There is one anchor WLC in the US and two in Europe. Anchor WLC priorities are used to prefer local anchors. During a routine network audit, it is discovered that a large number of guest client sessions in the US are anchored to the WLCs in Europe. Which reason explains this behavior?

- A. The foreign WLC failed and recovered.
- B. The US anchor WLC failed and recovered.
- C. The US anchor WLC is anchored to itself with a priority value of zero.
- D. The anchor WLC is in the same mobility group.

**Answer:** B

**QUESTION 45**

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

- A. PDAs
- B. jammers
- C. smartphones
- D. printers

**Answer:** B

**QUESTION 46**

A company has deployed a centralized wireless architecture at their headquarters. In this type of deployment, to which network layer do you recommend that the WLC connect?

- A. distribution layer
- B. Data center layer
- C. session layer
- D. access layer

**Answer:** A

**QUESTION 47**

Which three parameters are used by Cisco Prime Infrastructure to generate heat maps? (Choose three.)

- A. the RSSI prediction model
- B. the AP SNR
- C. the bandwidth utilization
- D. the AP transmit power
- E. the antenna orientation
- F. the number of associated clients

**Answer:** ADE

**Explanation:**

An RF heatmap is a graphical representation of RF wireless data where the values taken by variables are represented in maps as colors.

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The current heatmap is computed based on the RSSI prediction model, Antenna Orientation, and AP transmit power.  
[https://www.cisco.com/c/en/us/td/docs/net\\_mgmt/prime/infrastructure/3-0/user/guide/pi\\_ug/wireless-maps.html](https://www.cisco.com/c/en/us/td/docs/net_mgmt/prime/infrastructure/3-0/user/guide/pi_ug/wireless-maps.html)

**QUESTION 48**

An engineer has performed a post-deployment site survey and noticed that access points were installed in suboptimal locations due to physical restrictions and obstacles. Which action must the engineer take to resolve this deployment issue?

- A. Set DCA Channel Assignment Method to freeze.
- B. Set all Auto RE parameters to factory default
- C. Set TPC maximum and minimum power levels.
- D. Set static channels on all AP radios.

**Answer: C**

**Explanation:**

Suspect poor coverage/not enough AP density - If AP transmit power is already at the maximum, you can enable the lower data rates to allow clients to connect from farther away. This has a negative impact on performance, but it can help the customer understand that additional APs might be necessary.

<https://www.cisco.com/c/en/us/support/docs/wireless/5500-series-wireless-controllers/116057-site-survey-guidelines-wlan-00.html>

**QUESTION 49**

A customer has determined that aesthetics is a primary concern for their upcoming guest deployment. Which design consideration can be leveraged to address this concern?

- A. Paint the access point to cover the LED from being noticeable.
- B. Use enclosures to hide the wireless infrastructure in the surrounding environment.
- C. Use AIR-AP-BRACKET-1 to allow for greater mounting locations
- D. Deploy environmentally friendly cabling components to blend into the environment.

**Answer: D**

**QUESTION 50**

An engineer has deployed a group of APs in an auditorium and notices that the APs are showing high cochannel interference. Which profile can be used to adjust the parameters for these high-density APs?

- A. QoS profile
- B. AVC profile
- C. RF profile
- D. ISE profile

**Answer: A**

**QUESTION 51**

Guest anchoring is configured for a newly created SSID for your company. It has been noticed that the mobility tunnels are not up, and that MPING fails from your foreign WLC to the anchor WLC.

What is the reason that it is failing?

- A. A rule is needed at the firewall to allow UDP port 16666 for communication to work.
- B. A rule is needed at the firewall to allow UDP port 97 for communication to work.
- C. A rule is needed at the firewall to allow TCP port 97 for communication to work.
- D. A rule is needed at the firewall to allow TCP port 16666 for communication to work.

**Answer: A**