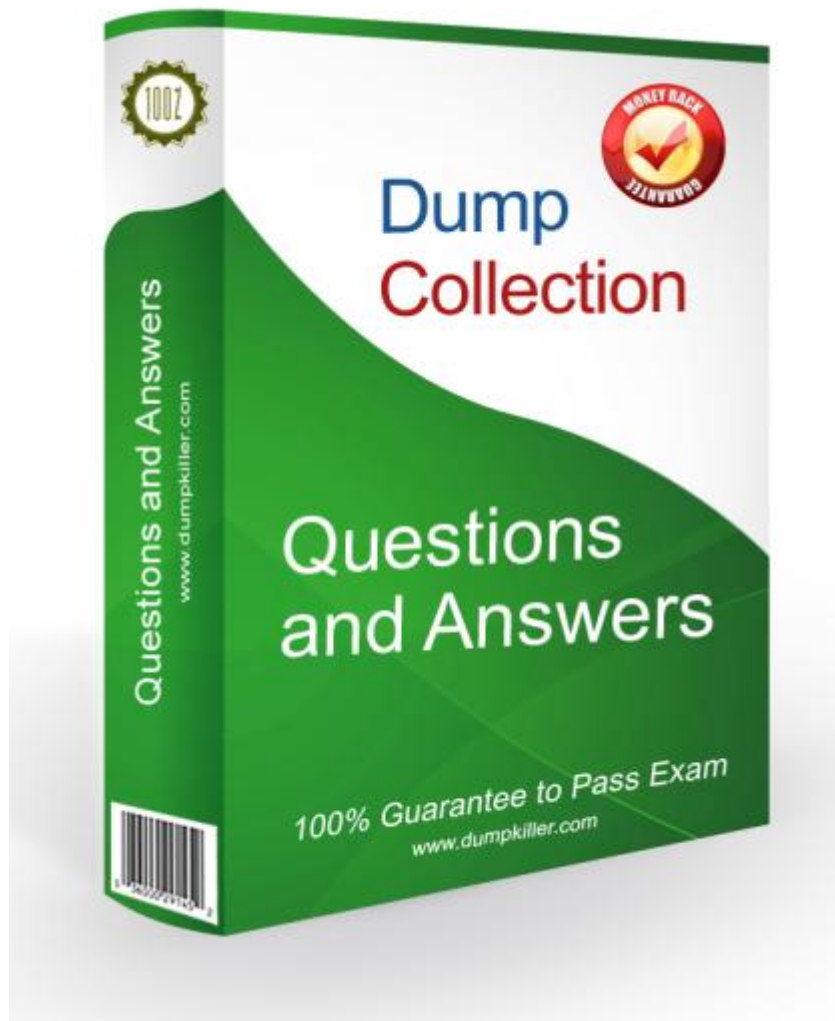


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Exam : **300-360**

Title : Designing Cisco Wireless
Enterprise Networks

Vendor : Cisco

Version : DEMO

NO.1 Which two best practices should be considered when a customer wants to purchase and implement Voice over Wireless for Cisco 7925 IP Phones? (Choose two.)

- A. Use a separate Cisco Wireless Lan Controller.
- B. Set data for 2.4 GHz and voice for 5 GHz using separate SSIDs.
- C. Enable lower data rates for 2.4-GHz data WLAN and higher data rates for phones.
- D. Enable 802.1x and Cisco Centralized Key Management for phone authentication.
- E. Use dedicated Access Points only for Voice over Wireless.

Answer: B,D

NO.2 Which two pieces of physical infrastructure information should be included in the installation report presented to the customer? (Choose two.)

- A. The cable scan results for the entire customer facility.
- B. The total square footage of the customer's facility.
- C. An installation inventory of all controllers and APs in the WLAN coverage area.
- D. An analysis of the facility exterior wall and roof construction materials.
- E. A list of router and switch models, serial numbers and locations.

Answer: A,C

NO.3 Refer to the exhibit.

While testing the post-deployment WLAN network, you discover that an AP has been placed in a difficult area.

The AP cannot be moved easily because of various requirements. The client performance of various Apple and Microsoft operating system-based products does not meet expectations. Which two options can help mitigate the performance issue? (Choose two.)

- A. Add additional APs.
- B. Increase the AP power level to maximum.
- C. Change the AP location to one that is less RF hostile.
- D. Rotate the AP 90 degrees to change antenna polarity.
- E. Replace the AP with an AP and external antenna.

Answer: A,E

NO.4 When should a Layer I site survey be performed?

- A. briefly during the passive site survey
- B. for an extended period of time during the predeployment site survey only
- C. for an extended period of time during the predeployment site survey and during the post-deployment site survey
- D. briefly during the predictive site survey

Answer: C

NO.5 When a post-installation audit is performed with an auditing tool such as Ekahau, which three steps are associated with the passive portion of the audit? (Choose three.)

- A. Verify that the network traffic of physical data rate and packet loss meets user requirements
- B. Check for co-channel interference

- C. Survey by SSID to ensure roaming is taking place
- D. Check that you have adequate signal levels as surveyed
- E. Make sure you emulate your customer client
- F. Verify AP announced data rate coverage

Answer: B,D,F

NO.6 The CIO of a company wants to start tracking inventory in the warehouse using RFID tags and their existing wireless network.

The company hires a wireless engineer to ensure that their existing network can support this new initiative.

Which tool in Cisco Prime can help the wireless engineer?

- A. Planning Mode
- B. Map Editor
- C. Site Survey
- D. Location Readiness

Answer: D

Explanation

Using Chokepoints to Enhance Tag Location Reporting Installation of chokepoints provides enhanced location information for RFID tags. When an active Cisco-compatible Extensions Version 1-compliant RFID tag enters the range of a chokepoint, it is stimulated by the chokepoint. The MAC address of this chokepoint is then included in the next beacon sent by the stimulated tag.

All access points that detect this tag beacon then forward the information to the controller and location appliance.

https://www.cisco.com/c/en/us/td/docs/net_mgmt/prime/infrastructure/30/user/guide/pi_ug/wirelessmaps.html#9

NO.7 When a post-installation audit is performed using the Ekahau Survey tool, which two steps are associated with the passive portion of the audit? (Choose two.)

- A. Survey by SSID to ensure that smooth roaming is taking place
- B. When you have completed the post-installation surveys, compare them to the surveys that were performed before the installation. They should look nearly identical
- C. Verify that the real-world network traffic (for example, physical data rate, packet loss, etc.) meets user requirements
- D. Verify that user applications are running smoothly over the wireless network
- E. Check to see if the signal levels on other access points that are heard on the same channel are at least 19 dBm weaker than the access point that you are next to

Answer: B,E

NO.8 You are designing a wireless network that contains many different types of wireless clients. How do you conduct a survey to ensure a consistent experience for all of the wireless clients?

- A. by using the client that is used most by the company
- B. by using the client that has the highest RF properties
- C. by using the client that is used least by the company
- D. by using a client of every different type

Answer: A

NO.9 A customer is deploying a Greenfield 802.11ac network on a floor that will support approximately 300 wireless devices. Which setting needs to be changed on Prime Infrastructure Planning Tool in order to predict the amount of access points the customer needs to service the new floor?

- A. Data Coverage Support Margin
- B. Demand Settings
- C. Add AP Field
- D. 802.11n Protocol Support

Answer: C

NO.10 After enabling global multicast, multicast traffic has been flooding the wired and wireless network. The wireless engineer has been troubleshooting and is attempting to find the source of the traffic. What command will display the multicast traffic source as well as the incoming interface?

- A. show ip device tracking all
- B. show ip pim neighbor
- C. show ip mroute
- D. show ip igmp groups

Answer: C

NO.11 An engineer is tuning RRM parameters to improve client connectivity. Which channel band results in the best 802.11n client compatibility?

- A. UNII-1
- B. UNII-2
- C. UNII-2e
- D. UNII-3
- E. UNII

Answer: A

Explanation

802.11n operates on the same channel as 802.11A. For better compatibility with 802.11n clients, it is recommended to stay on lower channels (UNII-1 band).

NO.12 A wireless engineer is hired to troubleshoot wireless network issues and discovers that the customer is using 802.11ac access points with 80 MHz-wide channels in a high-density environment. Which solution addresses these issues?

- A. Disable TPC on the WLC
- B. Disable RRM on the WLC.
- C. Decrease the channel width.
- D. Increase the minimum data rate supported

Answer: D