642-731^Q&As

Conducting Cisco Unified Wireless Site Survey

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QUESTION 1

The customer site requires Cisco 1400 bridges with 28dBi external antennas in a PTP design. What is the maximum power setting allowed by Cisco?

A. 150 mW

B. 155 mW

C. 160 mW

D. 145 mW

Correct Answer: B

QUESTION 2

For better compatibility with 802.11n clients, which 802.11a channels should be utilized?

A. UNII-2 Band - extended channels

B. UNII-1 Band

C. UNII-3 Band

D. ISM Band

Correct Answer: B

QUESTION 3

You have been contacted by a medium sized medical center to do a site survey of their existing WLAN. The current network is set up with multiple SSIDs/VLANs to separate voice and data and the networks functioning properly. The medical center would like to add Vocera voice badges to the existing VoWLAN. Which two issues need to be considered during the site survey? (Choose two.)

A. The additional voice endpoints may increase additional load, which may increase delay in the WLAN and cause voice quality to degrade.

B. There will not be any issues due to adding the Vocera voice badges because they are point-to-point devices and do not require the infrastructure to communicate.

C. Verify the WLAN is multicast enabled for Vocera voice badges.

D. To make these devices as efficient as possible, the Vocera voice badges should be placed on their own unicast SSID/VLAN.

E. Verify the WLAN that is being used by the Vocera voice badges is configured in the WLC to use the Gold QoS value.

Correct Answer: AC

QUESTION 4

An engineer is conducting a failover test with a Mesh deployment by disconnecting the network interface of a RAP. A MAP becomes stranded even though it has an acceptable RSSI value on the link to its neighbor. What are two reasons the MAP may become stranded? (Choose two.)

A. the MAP is 6 hops away

B. the MAP is 9 hops away

C. the SNR on the neighbor link is 5dB

D. the SNR on the neighbor link is 15dB

E. the throughput on the neighbor link is 18Mbps

F. the throughput on the neighbor link is 24Mbps

Correct Answer: BC

QUESTION 5

What is the result if a client radio is incapable of supporting all the 5 GHz channels you have deployed in the controller or APs?

A. You may only be able to deploy 20 MHz-wide channels.

B. This may result in the client having to roam more frequently to find a channel it supports.

C. This may result in coverage holes in the network.

D. You may only be able to deploy 40 MHz-wide channels.

Correct Answer: C

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