Exam Questions 642-732

CCNP Wireless - CUWSS

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1. What two types of antennas have a high gain, narrow beam width, and are typically used for point-to-point bridging? (Choose two.)

A. dipole antenna

B. Yagi antenna

C. patch antenna

D. parabolic dish antenna

E. omni-directional

F. monopole antenna

Answer: B,D

2. Which tool can best provide throughput verification?

A. WLC > Monitor > Clients > LinkTest

B. WaveDeploy

C. InSSIDer

D. Xirrus Wi-Fi Inspector

Answer: B

3. When designing a WLAN, AP placement is important. How would you rank the density of APs needed to support location services versus data and voice services?

A. Voice and data services both require a higher density of APs than location services.

B. Data services have a lower density of APs compared to location services, but more than voice.

C. Voice services have the highest density of APs over location and data services.

D. Data services have the lowest density of APs compared to location services, which has the highest density.

Answer: D

74. If you are calibrating for 2.4 GHz and the site will not be using 802.11 and 802.11b data rates, what should be done to ensure an accurate calibration?

A. Make sure that the access points have the unused rates disabled.

B. Make sure that you are using an 802.11b client when calibrating.

C. Make certain that there are no legacy clients when performing the calibration because they will disrupt the process.

D. Make sure to use a client that supports both 802.11b/g and 802.11a.

Answer: A

4. Which two basic characteristics would be needed from antennas used for survey and deployment in various indoor situations? (Choose two.)

A. Horizontally polarized

B. Vertically polarized

C. Aesthetically fitting

D. Least cost

E. Highest gain

F. Largest beamwidth

Answer: B,C

5. Which three things do you need to consider prior to performing a wireless site survey? (Choose three.)

A. The time required to acquire any additional infrastructure components.

B. The time required to survey each potential AP location.

C. The time required to assess application server locations at the customer facility.

D. The type of wireless survey tools required to perform the site survey.

E. The time required to assess customer WLAN density and throughput requirements.

F. The time required to utilize the design mode in Cisco WCS to prepare a preliminary WLAN design to reduce on-site survey time.

Answer: B,D,E

6. In post-deployment testing you have identified an area where there is a substantial rate-shift issue causing problems with the existing Cisco 7921 phones. How might you resolve this issue?

A. Increase the AP power level to maintain higher throughput further away from the AP.

B. Increase client RSSI, SNR, and retry values to maintain connectivity to the original AP for as long as possible.

C. Change VoWLAN to 7925 phones.

D. Reduce the power level of the AP so that roaming occurs before the client experiences the substantial rate shift.

Answer: D

7. When performing a post-installation audit using the Ekahau Survey tool, which four steps are associated with the passive portion of the audit? (Choose four.)

A. Check that all channels are supported by the APs regardless of client capabilities.

B. Check for co-channel interference by standing near an access point on one channel and watching for other access points that are on the same channel.

C. Verify that the real-world network traffic (for example, physical data rate, packet loss, etc.) meets user requirements.

D. When you have completed the post-installation surveys, compare them to the surveys that were performed before the installation. They should look nearly identical.

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.

F. Survey by SSID to ensure that smooth roaming is taking place.

Answer: A,B,D,E

8. How would clients react to a controller configuration that utilized unsupported channels?

A. Unsupported channels can cause coverage holes for clients as well as limit their connectivity.

B. Unsupported channels would be ignored by clients.

C. Unsupported channels would have no impact on clients. The user would simply need to roam to a supported channel.

D. Unsupported channels are not configurable on the controller, thus there would be no impact on clients.

Answer: A

9. What is the biggest challenge a customer faces when they are presented with the post-installation report?

A. Validating the information is correct.

B. Interpreting the configuration parameters and settings for the WLAN devices.

C. Maintaining the report so that once the first change to the WLAN is made the documentation remains current.

D. Maintaining the security of the report so that only IT personnel have access to the information contained in the report.

Answer: C

10. During RF verification, some 5 GHz clients are unable to connect to certain APs, while other 5 GHz clients can connect to all APs. What may prevent some clients from connecting?

A. some clients may not support the UNII-2 Extended band

B. some clients may not support OFDM modulation

C. some clients may not support TPCv2

D. some clients may not support CCXv5

Answer: A

11. You have a multinational customer that would like you to perform a wireless site survey for a new manufacturing facility in Singapore. They have had a local vendor install a point-to-point wireless bridge link between two buildings 1 km apart. The ground between the buildings is flat but because facilities are in the mountains, dense fog is an issue. There are no line of sight issues between the buildings. The link is experiencing errors and throughput issues. Currently the two

radios are set to operate at 2.4 GHz and the transmit power is set to 7 dBm with 7 dBm antennas. What do you need to take into consideration when performing the site survey for this link?

A. Change the radio power to 17 dBm.

B. Change the radio power to 20 dBm and replace with a 16 dBm antenna.

C. Change the radio power to 29 dBm.

D. Change the radio power to 13 dBm.

Answer: D

12. You have a client that would like to upgrade their 2.4-GHz point-to-point wireless bridge link between buildings in their facility in Mexico. Currently, they have radios from vendor A that are transmitting at 14 dBm with 6 dBm antennas. They would like to upgrade the radios to vendor B but keep the existing antennas. The new radios from vendor B have a fixed transmit power of 7 dBm. How should you proceed?

A. Install the new radios with existing vendor A antennas.

B. Install new radios with replacement vendor A antennas rated at 13 dBm.

C. Install new radios with replacement vendor A antennas rated at 30 dBm.

D. Install the new radios with new vendor B antennas rated at 29 dBm.

E. Install the new radios with new vendor B antennas rated at 13 dBm.

Answer: E

13. Aside from software applications, which two tools will be important to have when performing a WLAN site survey? (Choose two.)

A. Measuring tools

B. Temporary attachment devices (tie-wraps, clamps, duct tape)

C. Architectural design drawings

D. Different sizes and types of wrenches and pliers

E. Portable battery packs to power WLAN clients

F. Flag tape to outline wireless cell dimensions

Answer: A,B

14. An engineer is conducting a passive survey. On what two items will data be collected? (Choose two.)

A. RF interference

B. rate shifting data rates

C. roaming

D. rouges

E. encryption

Answer: A,D

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