Vendor:CWNP

Exam Code:CWDP-303

Exam Name: Certified Wireless Design Professional

Version: Demo

QUESTION 1

In what circumstance would you not enable DFS channels on a WLAN infrastructure?

A. In any stadium

B. In any office complex

C. In an airport

D. In any home office

Correct Answer: C

Reference: https://netbeez.net/blog/dfs-channels-wifi/

QUESTION 2

Your new customer is concerned about maintaining privacy for their proprietary information when you conduct information gathering for their WLAN design. Which document can you use to directly address their concern?

A. NDA

B. SoW

C. BoM

D. Hold Harmless

Correct Answer: A

QUESTION 3

What is the best method of gathering attenuation measurements from any building materials or objects?

A. After measuring the RSSI in free space 5 meters (16.5 feet) apart, put an AP 4 meters (13 feet) away from the wall or object on one side and your measuring device 0.67 meters (2 feet) away from the wall or object on the other side. Take measurement and compare the difference.

B. Use the pre-built attenuation values in the predictive design tool.

C. After measuring the RSSI in free space 1 meter (3 feet) apart, put an AP 0.32 meters (1 feet) away from the wall or object on the other side. Take measurements and compare the difference.

D. Look on the Internet for attenuation values for each one of the materials that might attenuate the Wi-Fi signal using the material provider\\'s websites.

Correct Answer: C

QUESTION 4

During an RFP analysis, one of the vendors mentioned that you\\'ll need to upgrade your Gigabit Ethernet switches to MultiGig switches to ensure support for 802.11ac and 802.11ax, which both offer data rates over 1Gbps. Why is this not sound advice?

A. Because neither of the technologies support data rates over 1Gbps

B. Because 802.11ax doesn\\'t support channel bonding

C. Management overhead that is normal in WLANs will reduce the throughput of the client devices

D. Because 802.11ac only supports one spatial stream

Correct Answer: C

QUESTION 5

When performing an active site survey in an existing WLAN infrastructure, in addition to gathering throughput data, what other important function will you typically be testing at the same time?

A. Application filtering

B. Internet bandwidth

C. Roaming

D. ACL configuration

Correct Answer: C

QUESTION 6

When deploying APs outdoors, what additional component needs to be used that is not needed indoors?

A. Antennas

B. NEMA enclosures

C. Ethernet cables

D. PoE

Correct Answer: B

QUESTION 7

A company wants to connect its headquarters to its remote office that is 13 kilometers away using a wireless bridge. What requirement must not be forgotten by their Wireless Engineer when considering the Fresnel Zone?

A. Earth bulge

B. Antenna gain

C. FSPL

D. Receive sensitivity

Correct Answer: A

Reference: http://www.zytrax.com/tech/wireless/fresnel.htm

QUESTION 8

Who should be in the final meeting from the customer-side after successfully implementing a WLAN infrastructure?

A. CEO or CFO

B. End-users

C. The customer\\'s customers

D. Remote workers

Correct Answer: B

QUESTION 9

Which type of authentication and encryption method is mandatory for Voice Enterprise certified devices as specified by the Wi-Fi Alliance?

A. WPA2/AES Personal

B. WPA2/TKIP Enterprise

C. WPA2/AES Enterprise

D. WPA/TKIP Personal

Correct Answer: A

QUESTION 10

Your customer requires fast secure roaming. Which two types of roaming are specified in 802.11-2016 FT roaming that will help meet this goal?

A. Over-the-Air and Over-the-DS

B. Over-the-Air and Over-the-Wire

C. FT and OKC

D. FT and TKIP

Correct Answer: A

QUESTION 11

What are the deliverables to your customer after successfully implementing a WLAN infrastructure?

A. Digital or physical assets, guides, floorplans and configuration documents

B. Project Charter

C. Facility blueprints

D. Nothing is required. The implemented WLAN was deliverable

Correct Answer: A

QUESTION 12

After designing and deploying a WLAN infrastructure, you realized the CCI is causing poor performance in the 2.4 GHz band. Primarily, you\\'ve designed the WLAN for 5 GHz and 2.4 GHz as a best effort. You found out that the implementers didn\\'t follow your guidelines when configuring the WLAN infrastructure.

What can you do to minimize as much as possible the CCI impact in the 2.4 GHz band?

A. Add more APs to the infrastructure

B. Increase the transmit power on all APs

C. Turn-off 2.4 GHz radios on some APs

D. Use all channels available in the 2.4 GHz band

Correct Answer: C