



Free Questions for CWDP-305

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Question 1

Question Type: MultipleChoice

During a post-validation survey, you find an area lacking any detectable Wi-Fi signal at all. It is located behind an elevator shaft. What is a common solution to this problem?

Options:

- A- Move one or more APs so that indoor propagation results in coverage in that area or install another AP on that side of the elevator shaft
- B- Turn up the power on the three APs closest to that area
- C- Install antennas with at least 3 more dB of gain on the two APs closest to that area
- D- Replace all the clients in that area with clients having better receive sensitivity

Answer:

A

Question 2

Question Type: MultipleChoice

You are evaluating CO impact in 2.4 GHz. During the post-validation survey, you determine that 2 or 3 APs are seen from every location in the 2.4 GHz band with signal strengths above -75 dBm from all seen APs. Does this show that CO has been removed from the environment given that three non-overlapping channels exist in 2.4 GHz and why?

Options:

- A- Yes because you would see 3 APs in every location with a signal strength above -75 dBm if CO exists
- B- Yes, because the goal is to see only 1 AP at each location in 2.4 GHz
- C- No, because CCI can exist even with signals as low as -85 dBm to -93 dBm
- D- No, because the goal is to see only 1 AP at each location in 2.4 GHz

Answer:

C

Question 3

Question Type: MultipleChoice

A designer has created a WLAN design that has been implemented in an organization. The network exists in a four-story building. Because each floor has an identical floor plan, the designer designed only one floor and had the installers duplicate the design on each floor. Now, in validation, it is not performing well. What best explains the problem caused by this process?

Options:

- A- The result was that APs were above and below each other on the same channel, resulting in excessive CCI. The APs should have been deployed so that they were not directly above and below each other and so that they used varying channels between floors.
- B- The result was that clients could only connect to APs on their floor and, in a multi-floor deployment, you want clients to connect to APs on other floors in case they roam between floors.
- C- The result was that ACI was increased because the APs were deployed above and below each other on the same channels.
- D- The result was that the frequency utilization was too low for the clients to capture RF waves on which to transmit their signals.

Answer:

A

Question 4

Question Type: MultipleChoice

A WLAN that you designed has been deployed in one area, and users are complaining that the network performs poorly. When you analyze the area, you see that a new interferer has been introduced that was not there during the pre-design survey. You've been informed that the interferer cannot be removed as it is an essential IoT device. What action do you recommend?

Options:

- A- Reconfigure the channel plan to work around the interferer.
- B- Increase the output power of the APs covering that area by at least 25 percent to overpower the interferer.
- C- Place a metal enclosure around the interferer.
- D- Use 40 MHz channels so that the devices can use either 20 MHz block depending on where the

interferer operates

Answer:

A

Question 5

Question Type: MultipleChoice

What best describes ensuring coverage requirements in a deployed WLAN?

Options:

- A- Measuring the signal strength and number of APs at each location and comparing it to the requirement specifications
- B- Verifying that the WLAN can be seen from all required locations
- C- Verifying that you can connect to the WLAN from all required locations with the least capable device
- D- Verifying that a 3x3:3 gaming laptop can connect to the WLAN from all required locations

Answer:

C

Question 6

Question Type: MultipleChoice

How can you increase efficiency in an 802.11n 2.4 GHz multiple-channel architecture network?

Options:

- A- Disable 802.11b data rates
- B- Use channels 1, 3, 5, 7, 9, and 11
- C- Use only channels 1 and 2
- D- Use 40 MHz channels

Answer:

A

Question 7

Question Type: MultipleChoice

What is the primary reason for avoiding 160 MHz channels with 802.11 in the 5 GHz band?

Options:

- A- Only two of three 160 MHz channels exist in the current frequency allocation, in some regulatory domains only one exists
- B- The data rate becomes too high which causes some clients to gain access to the medium and never let it go
- C- The output power required for 160 MHz channels is more than most regulatory domains allow
- D- No APs exist in production that can implement 160 MHz channels

Answer:

A

Question 8

Question Type: MultipleChoice

Which one of the following might be detected as a source of CCI during a post-validation survey in the 5 GHz band?

Options:

- A- Other OFDM networks
- B- Other ERP networks
- C- Microwave ovens
- D- Other HR/DSSS networks

Answer:

A

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