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Conducting Cisco Unified Wireless Site Survey (CUWSS): 642-732 Exam

642-732 Questions & Answers

Exam Code: 642-732

Exam Name: Conducting Cisco Unified Wireless Site Survey (CUWSS)

Q & A: 120 Q&As

### QUESTION 1

Refer to the exhibit. The signal is being degraded to the point of link drops. You have examined the roof and the visual sighting of the remote antenna. What could be causing the issue?

- A. The receiving antenna is too close to the transmitting antenna.
- B. The first Fresnel zone is more than 60% blocked by the parapet.
- C. The visual line of sight is more than 60% blocked by the parapet.
- D. The cable between the APs and the antennae is introducing too much loss.
- E. The roof material is absorbing too much of the signal.

Answer: B

### QUESTION 2

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: AB

### QUESTION 3

Which three basic pieces of information will you need to perform a WLAN site survey? (Choose three.)

- A. How many customer user interviews will be required?
- B. Which network hardware vendor do they currently use for their infrastructure?
- C. What is the location of the facility that needs to be surveyed?
- D. What financial information will my company need to provide to the customer?
- E. How many engineers will be required to perform the work?
- F. What is the expected timeline to complete the project?

Answer: CEF

### QUESTION 5

After having the kick-off meeting for a new site survey project with your customer, which three factors need to be considered prior to beginning a WLAN site survey? (Choose three.)

- A. Will an additional trip to the facility to perform the initial walkthrough be required?
- B. How much time should be allocated to survey the locations for the controllers?
- C. Will any additional regulatory or safety training be required to complete the site survey?
- D. Is access available to all areas of the customer facility where the WLAN is planned to be deployed?

E. Which types of controllers and switches will be required to fully conduct the site survey in all areas of the customer facility?

F. Is access available to customer employees so that initial interviews can be performed?

Answer: ACD

#### QUESTION 6

The customer has an existing 802.11b/g network with Cisco 2500 controllers. The customer would like to migrate to an 802.11a/b/g/n WLAN. Which network infrastructure issue might impact client performance in this proposed controller-based solution?

A. The additional application load placed on servers by 802.11n clients.

B. A bottleneck may occur if the access switch port to the AP only supports 100 Mb/s full duplex.

C. The additional load placed on a RADIUS server by 802.1X authentication traffic on the first work day of each week.

D. The added delay WDS imposes on the client when they roam from one AP to another.

Answer: B

#### QUESTION 7

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

#### QUESTION 8

Which option allows the maximum 2.4-GHz channel usage for a survey and data deployment in the ETSI domain?

A. 1, 6, 11

B. 1, 5, 9, 13

C. 1, 6, 9, 14

D. 1, 6, 11, 14

Answer: B

#### QUESTION 9

Which two issues do access and backhaul radios experience in mesh networks? (Choose two.)

A. The access radio has to connect to two or several points.

B. The access cell usually covers more area at ground level that may have more sources of reflection and interference.

C. The access cell radio range is larger than the backhaul radio range, which causes the backhaul cell radio to suffer from more interference.

D. Backhaul radios are a bottleneck for throughput.

E. RAPs help MAPs avoid coverage holes.

Answer: BD

#### QUESTION 10

- When designing for location services, how many APs should be heard by each location-ready AP and at what dBm signal level? (Choose two.)
- A. At least 1 to 2 APs at a signal level of -67 dBm or better
  - B. No more than 3 APs at a signal level of -72 dBm or better
  - C. At least 5 to 6 APs at a signal level of -75 dBm or better
  - D. At least three and preferably four at a signal level of -75 dBm or better
  - E. As many APs as possible at a signal level of -72 dBm or better

Answer: AD

#### QUESTION 11

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

#### QUESTION 12

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: ABDE

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