

Cisco

Exam 300-360

Designing Cisco Wireless Enterprise Networks

Version: 7.1

[Total Questions: 60]

Question No : 1

An engineer is conducting a location readiness test and wants a selected point to be considered location-ready. Which three possible configurations reflect the minimum number of APs needed? (Choose three.)

- A. One AP is resident in each quadrant surrounding the point-in-question.
- B. One AP per 1400 sq. ft. on the map.
- C. Two APs are resident in each quadrant surrounding the point-in- question.
- D. Four APs are deployed on the floor.
- E. Three APs are within 70 feet (21 meters) of the point-in- question
- F. Three APs are deployed on the floor.

Answer: A,D,E

Explanation:

A point in a WLAN deployment is location ready if the following are all determined to be true:

At least four access points are deployed on the floor.

At least one access point is found to be resident in each quadrant surrounding the point-in-QUESTION NO:.. At least one access point residing in each of at least three of the surrounding quadrants is located within 70 feet of the point-in-QUESTION NO:.

Reference:

http://www.cisco.com/c/en/us/td/docs/solutions/Enterprise/Borderless_Networks/Unified_Access/CMX/CMX_LocFund.pdf

Question No : 2

When conducting a wireless survey at a customer facility, signal attenuation in an area that is surrounded by thick glass walls is noted as 2dB. When configuring Cisco Prime Infrastructure, which obstacle should be placed in a map editor to represent the impact the glass wall will have on the RF signal in the facility?

- A. heavy door
- B. thick wall
- C. glass
- D. light wall

Answer: D

Reference: http://www.cisco.com/c/en/us/td/docs/wireless/prime_infrastructure/1-

2/configuration/guide/pi_12_cg/maps.html Table 6-4

Question No : 3

An engineer is planning for a 24 Mbps data rate for a new installation. What is the coverage area from the AP if the environment and other factors are not taken into consideration?

- A. 225 feet
- B. 80 feet
- C. 150 feet
- D. 100 feet

Answer: A

Question No : 4

An engineer must perform a survey where the target client devices range from standard Wi-Fi-equipped laptops, consumer handhelds and tablets, and low power tracking tags limited to 12 mW Tx power. With which setting should the survey AP be configured?

- A. local power 11
- B. local power 5
- C. local power 14
- D. local power 8

Answer: B

Question No : 5

What is a common cause for signal attenuation?

- A. Cinder block wall
- B. Office window
- C. Metal door
- D. Glass wall

Answer: C

Question No : 6

An engineer receives a digital image scanned from the floor plans of a facility to be surveyed for wireless survey and imported it into Air Magnet Pro. However, the document contains no scale. Which action can the engineer take to most accurately calibrate the size of the floor plan in Air Magnet?

- A. Mark the length of a hallway, then count the ceiling tiles, multiply that number by 2 and enter that value.
- B. Zoom in and mark across a hallway, then count the floor tiles across that hallway and enter that value.
- C. Zoom in and mark a doorway, then size it at 3 feet because most doorways are 36 inches.
- D. Mark the entire longest dimension of the floorplan, then use Google Earth to measure the corresponding outside dimension and enter that value.

Answer: D

Question No : 7

The AP has been configured properly for a VoWLAN survey. The RF environment contains a noise of -87 to -90 dBm. What is the target value for the cell edge reading?

- A. -62 dBm
- B. -67 dBm
- C. -60 dBm
- D. -70 dBm

Answer: B

Question No : 8

An engineer is preparing for an active site survey of a warehouse and is informed that they should not enter any areas that are blocked by supplies that are difficult to move. Which option describes how the engineer should address this restriction?

- A. Extrapolate restricted access areas by drawing circles for AP coverage
- B. Survey hallways, common areas, and storerooms.
- C. Utilize a predictive tool to define coverage in off-limits areas.
- D. Educate the customer about the importance of accurate and complete measurements.

Answer: D

Question No : 9

A network engineer is configuring QoS with a DSCP value of 46. To which queue must the CoS be mapped for priority queuing of the voice frames?

- A. 1
- B. 2
- C. 5
- D. 4
- E. 3

Answer: C

Question No : 10

An engineer installed a 3702 AP and is getting power from the switch. What is the reason for getting 3x3 MIMO instead of 4x4?

- A. 802.1p
- B. 802.3af
- C. 802.11e
- D. 802.3at

Answer: B

Question No : 11

Which two best practices should be considered when a customer wants to purchase and implement Voice over Wireless for Cisco 7925 IP Phones? (Choose two.)