

cisco 300-110

Designing Cisco Wireless Networks (WLSD)

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Question: 1

Each country has its own regulations governing the RF spectrum, often limiting the scope of what the standard enables globally. Which two regulatory bodies define the spectrum rules commonly followed in the United States and in Europe?

- A. European Telecommunications Standards Institute (ETSI)
- B. Telecom Engineering Center (Telec)
- C. Computer Society of United States
- D. Federal Communications Commission (FCC)

Answer: A,D

Question: 2

A Cisco wireless network can support _____, which is a standards-based method of assisted roaming.

- A. 802.11k
- B. 802.11w
- C. 802.11y
- D. 802.11z

Answer: A

Question: 3

To derive a fairly accurate location, multiple APs must receive a signal from a client device or tag at an RSSI above a minimum signal level of _____ dBm.

- A. -60
- B. -70
- C. -75
- D. -65

Answer: C

Question: 4

During a pre-site survey, you were informed that no AP onsite uses the UNII-2B band. Should you consider this band for an outdoor building-to-building (point-to-point, or P2P) connection?

- A. Yes, the band is allowed for P2P. However, it cannot be used for P2MP connections.
- B. No, the band is not allowed for any 802.11 use.
- C. No, the band is only allowed for indoor use.
- D. Yes; however, the band could not be used for indoor use.

Answer: B

Question: 5

When you need an AP deployment that supports voice and video, your primary goals should be to design for which of the following?

- A. reless coverage
- B. wireless SNR
- C. fall frequency
- D. fall capacity

Answer: A,D

Question: 6

How many MAC addresses are used in a frame sent from a MAP to a RAP?

- A. Two
- B. Three
- C. Four
- D. Five

Answer: C

Question: 7

Why should you limit the height at which APs are mounted, for indoor location services?

- A. As height increases, maintenance becomes more difficult and costly, maximizing the risk of poor location quality.
- B. As height increases, signal gets weaker, resulting in poorer accuracy.
- C. As height increases, channel utilization increases, limiting the number of possible tracked clients.

D. As height increases, signal frequency decreases, increasing the risk of reaching licensed/unauthorized frequencies.

Answer: B

Question: 8

Compared to typical client devices, what enhanced characteristics do wireless access points (APs) have?

- A. More powerful transmitters
- B. Better antennas
- C. Better receivers
- D. All of these

Answer: D

Question: 9

What is an important consideration when designing a wireless network for Ethernet bridging?

- A. The color and design of access point enclosures
- B. The maximum transmit power of the access points
- C. The availability of Power over Ethernet (PoE) switches
- D. The type of cable used for Ethernet connectivity

Answer: C

Question: 10

Which one of the following applications would be the most appropriate use for an AP model that has internal antennas?

- A. A location where a relatively wide coverage area is desired
- B. A location where coverage is needed toward one side of the AP
- C. A location where a patch antenna's pattern is required
- D. A location where an omnidirectional antenna is not desirable

Answer: A

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