



**Vendor:** Cisco

**Exam Code:** 300-360

**Exam Name:** Designing Cisco Wireless Enterprise Networks

**Version:** DEMO

#### QUESTION 1

A downstream packet that contains a DSCP value arrives at the WLC Ethernet interface from the wired source network. The WLC is configured for QoS WLAN 802.1p mapping. How does the WLC treat the CAPWAP QoS marking when leaving the controller interface for the respective AP and final wireless client destination?

- A. No outer CAPWAP or inner QoS tagging is applied.
- B. The outer CAPWAP CoS is marked and capped and the inner DSCP maintains the original marking.
- C. No outer CAPWAP QoS tag is applied, but the original DSCP is maintained inside CAPWAP.
- D. The outer CAPWAP DHCP is marked and capped without any inner DSCP value.

**Answer: B**

#### QUESTION 2

A network engineer wants the DSCP marking to align with the 802.11e access category video. What will this marking be?

- A. 34
- B. AF31
- C. 4
- D. 5

**Answer: A**

#### QUESTION 3

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 4

While performing a Layer 1 passive wireless site survey of a location an engineer detects several instances of low power frequency hopping interference, but cannot physically locate the interfering device or devices. Why is the engineer unable to locate the offending device or devices?

- A. The sources are nearby narrow-beam radar and are sweeping through the facility.
- B. The sources are PAN and are mobile.
- C. The sources are above the ceiling file and transmit intermittently.

D. The sources are actually high-powered devices and transmit from off the site.

**Answer: B**

#### **QUESTION 5**

An engineer is assigned to assist a customer by estimating the number of access points needed to provide voice-grade wireless coverage in a carpeted office space. How many access points should be estimated to cover this space of roughly 38,000 square feet?

- A. 17
- B. 10
- C. 6
- D. 13

**Answer: D**

#### **Explanation:**

The rule of thumb coverage plan is 1 AP per 5,000 square feet for data and 1 per 3,000 square feet for voice and location services.

[http://www.cisco.com/c/en/us/td/docs/wireless/technology/apdeploy/8-0/Cisco\\_Aironet\\_3700AP.html](http://www.cisco.com/c/en/us/td/docs/wireless/technology/apdeploy/8-0/Cisco_Aironet_3700AP.html)

#### **QUESTION 6**

Which two types of information must be included in the installation inventory portion of the post-installation report? (Choose two.)

- A. all AP, controller, and MSE administrator credentials
- B. the names, locations, IP addresses, MAC addresses, etc. for every AP, controller, and MSE in the WLAN
- C. a layout of the rack that the equipment is installed
- D. results of the coverage audit performed with the site survey mapping tool
- E. the number and type of all WLAN clients and tags

**Answer: AB**

#### **QUESTION 7**

An engineer is configuring an autonomous AP for RADIUS authentication. What three pieces of information must be known to configure the AP? (Choose three.)

- A. BVI IP address
- B. group name
- C. RADIUS IP address
- D. PAC encryption key
- E. username and password
- F. shared secret

**Answer: BCF**

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