



# 642-731<sup>Q&As</sup>

Conducting Cisco Unified Wireless Site Survey

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**QUESTION 1**

Which choice best describes RF challenges for outdoor mesh site survey and deployment?

- A. Reflection
- B. Reflection, absorption
- C. Diffraction
- D. Diffraction, scattering
- E. Reflection, absorption, diffraction, scattering

Correct Answer: E

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**QUESTION 2**

An engineer is conducting a VoWLAN survey for voice clients with a max power of 40 mW. What power level should the engineer set the AP to during the survey?

- A. 5 mW
- B. 10 mW
- C. 20 mW
- D. 30 mW
- E. 40 mW

Correct Answer: C

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**QUESTION 3**

Which option lists the non-overlapping channels in the ETSI domain?

- A. 1, 6, and 11
- B. 1, 5, 9, and 13
- C. 1, 5, 9, 13, and 14
- D. 1, 5, and 9
- E. 1, 6, 11, and 14

Correct Answer: A

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**QUESTION 4**

How many location points are needed to validate both 802.11b/g and 802.11a in the Cisco WCS Calibration?

- A. 50
- B. 100
- C. 150
- D. 200
- E. 300

Correct Answer: E

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**QUESTION 5**

You have been asked to evaluate a deployed version 7.0 controller based WLAN, which includes a Cisco WCS and an MSE3310. Currently, the customer has a approximately 1900 clients and 300 RFID tags. The customer is complaining of problems tracking clients and RFID tags. What can be done to correct this problem?

- A. Increase the wIPS license on the MSE3310.
- B. Replace the MSE3310 with a MSE3355 and increase the wIPS license.
- C. Replace the MSE3310 with a MSE3355 and increase the Context-Aware license.
- D. Decrease the wIPS license on the MSE3310.
- E. Increase the Context-Aware license on the MSE3310.

Correct Answer: C

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**QUESTION 6**

When planning to perform a customer WLAN site survey, which three components and tasks should be considered? (Choose three.)

- A. Schedule a meeting with the customer to discuss the Statement of Work
- B. Complete the Pre-Survey Customer Questionnaire
- C. Schedule customer end user interviews
- D. Consider travel, access, and equipment requirements necessary to perform the site survey
- E. Schedule initial customer meeting and pre-survey walkthrough events
- F. Determine radio spectrum and channel allocation
- G. Determine AP and controller placement



H. Determine customer training requirements

Correct Answer: BDE

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#### QUESTION 7

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

- A. All AP, controller, and MSE administrator credentials
- B. The number and type of all WLAN clients and tags
- C. The names, locations, IP addresses, MAC addresses, etc. for every AP, controller, and MSE in the WLAN
- D. Results of the coverage audit performed with the site survey mapping tool

Correct Answer: AC

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#### QUESTION 8

When discussing a WLAN site survey project with a customer, which four things do you need to know about the scope of the project before starting? (Choose four.)

- A. Is the project funded?
- B. Internally, who or which group is driving this project?
- C. Is this a new project, an extension, or a modification to an existing WLAN?
- D. How many APs and controllers are projected to be needed?
- E. How many members of the customer IT staff will require training?
- F. Can the survey be accomplished in the time allotted?
- G. How many user groups will need to be interviewed?
- H. Will site survey engineers need to shadow user as they perform their work duties?

Correct Answer: ABCF

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#### QUESTION 9

An engineer installed a Cisco Aironet 1400 Wireless Bridge as a central bridge. Which is the maximum power setting for a point-to-multipoint link?

- A. 12 dBm
- B. 13 dBm



- C. 22 dBm
- D. 24 dBm

Correct Answer: A

### QUESTION 10

A customer is experiencing slower client data throughput than the data rate setting. Which two wireless characteristics are the primary contributing factors? (Choose two.)

- A. Broadcast and multicast are sent at the lowest associated data rate.
- B. 802.11 acknowledges all packets, which halves throughput on the channel.
- C. Clients that are farther from the access point connect at a slower data rate.
- D. Lower data rates decrease overall throughput.
- E. All clients on a given access point share the bandwidth of the channel.
- F. Overlapping channels cause co-channel interference.

Correct Answer: BE

### QUESTION 11

Select and Place:

Drag from the left the maximum power, and drop it under the appropriate UNII channel band regarding the FCC domain when designing and deploying outdoor WLAN using 5 GHz.

20 mW	UNII-1
50 mW	UNII-2
100 mW	UNII-3
250 mW	
500 mW	
800 mW	
1000 mW	

Correct Answer:



Drag from the left the maximum power, and drop it under the appropriate UNII channel band regarding the FCC domain when designing and deploying outdoor WLAN using 5 GHz.

20 mW	50 mW
	250 mW
100 mW	1000 mW
500 mW	
800 mW	

### QUESTION 12

In post-deployment testing you have identified an area where there is a substantial rate- shift issue causing problems with the existing Cisco 7921 phones. How might you resolve this issue?

- A. Increase the AP power level to maintain higher throughput further away from the AP.
- B. Increase client RSSI, SNR, and retry values to maintain connectivity to the original AP for as long as possible.
- C. Change VoWLAN to 7925 phones.
- D. Reduce the power level of the AP so that roaming occurs before the client experiences the substantial rate shift.

Correct Answer: D

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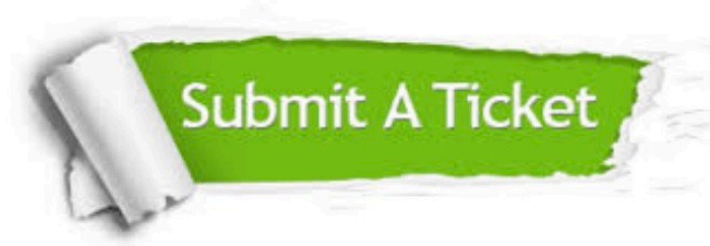
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