642-731^{Q&As}

Conducting Cisco Unified Wireless Site Survey

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QUESTION 1

How would clients react to a controller configuration that utilized unsupported channels?

A. Unsupported channels can cause coverage holes for clients as well as limit their connectivity.

B. Unsupported channels would be ignored by clients.

C. Unsupported channels would have no impact on clients. The user would simply need to roam to a supported channel.

D. Unsupported channels are not configurable on the controller, thus there would be no impact on clients.

Correct Answer: A

QUESTION 2

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

QUESTION 3

The wireless survey report shows APs staggered throughout a facility, with several of them placed right on the exterior walls. Other APs are located right at building corners and major turns in the structure layout. Assuming all survey locations are optimized with a minimum of -67 RSSI at cell edges with 20% overlapping cells, for what purpose can this survey model be used?

A. location based services and BYOD preparation

B. voice and data clients with video on demand

C. streaming video with VoIP and data as an option

D. location services, VoIP, data, and video

Correct Answer: D

QUESTION 4

A customer requesting a site survey requires hidden APs, basic data coverage, and guest access in a multifloor environment. Which industry vertical best describes this customer?

A. warehousing

B. health care

C. hospitality

D. manufacturing

Correct Answer: C

QUESTION 5

Which two pieces of physical infrastructure information should be included in the installation report presented to the customer? (Choose two.)

A. A list of router and switch models, serial numbers and locations.

B. The total square footage of the customer\\'s facility.

C. An analysis of the facility exterior wall and roof construction materials.

D. The cable scan results for the entire customer facility.

E. An installation inventory of all controllers and APs in the WLAN coverage area.

Correct Answer: DE

QUESTION 6

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

Correct Answer: AB

QUESTION 7

An engineer is deploying an outdoor Mesh network. What are the four major factors that should be considered? (Choose four.)

A. line of sight

B. power

C. buildings

D. mounting

E. power lines

F. satellite dishes

G. network connectivity

H. traffic lights

Correct Answer: ABDG

QUESTION 8

An engineer is configuring an AP for a site survey. How should the transmit power be configured?

A. Set to maximum power.

B. Set to one level below full power.

C. Enable DTPC.

D. Set to one level above the lowest power level.

Correct Answer: B

QUESTION 9

Refer to the exhibit.

After performing a Layer 1 survey using Cisco Spectrum Expert, what is the result indicated by the visual screen?

A. Normal 802.11g activity

B. Microwave oven interference

C. Video camera interference

D. Bluetooth device interference

E. RF jammer

Correct Answer: B

QUESTION 10

An engineer is performing a site survey for a 5 GHz mesh wireless network. The customer requires 300 Mbps data rates per radio, 2x3 MIMO technology, and legacy beamforming. What Cisco access point should be recommended?

A. 1510

B. 1522

C. 1524

D. 1552

Correct Answer: D

QUESTION 11

Which regulation is OSHA responsible for enforcing?

A. safety and health regulations

B. fire and other hazard regulations

C. electrical and wiring regulations

D. radio communication regulations

Correct Answer: A

QUESTION 12

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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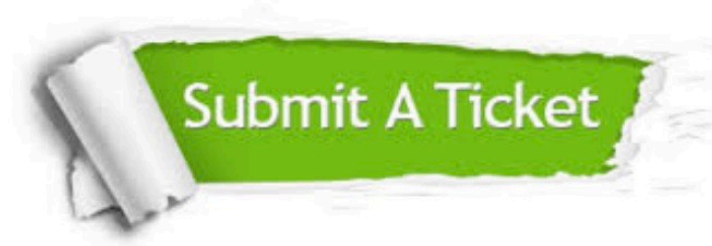
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