

# Cisco

## Exam 642-732

### Conducting Cisco Unified Wireless Site Survey V2

Version: 10.0

[ Total Questions: 193 ]

**Question No : 1**

During the site survey kick-off meeting with your customer, they ask why you need to verify the existing network infrastructure. Which two reasons do you give them? (Choose two.)

- A.** You need to verify the make, model, and software versions of all the equipment that will connect to the WLAN components in order to ensure compatibility.
- B.** You need to verify that the equipment the WLAN components will connect to has sufficient memory capacity to support the additional WLAN connections.
- C.** You need to verify that there are sufficient switch ports to support the new WLAN connections.
- D.** You need to verify that the switches the WLAN components will connect to can supply 802.3af inline power, and that they have sufficient ports to support all the new WLAN devices.
- E.** Depending on the type of APs that are planned for, the deployment may require different types of PoE to be supplied by the LAB switches.

**Answer: C,D**

**Question No : 2**

You have a customer that is building a new campus of four 3-story buildings that you have just completed the site survey for. The customer is interested in the amount of rack space they will need to allocate in either the building MDF or in the data center for controllers. Each building is going to require 75 APs to support voice and data. How should the controllers be deployed to provide the least number of controllers, the highest redundancy, and the easiest management?

- A.** Use the distributed deployment method in each building MDF with the N + N redundancy method.
- B.** Use the centralized deployment method in the data center with the N + N + 1 redundancy method.
- C.** Use the distributed deployment method in each building MDF with the N + 1 redundancy method.
- D.** Use the centralized deployment method in the data center with the N + 1 redundancy method.
- E.** Use the distributed deployment method in each building MDF with the N + N + 1 redundancy method.
- F.** Use the centralized deployment method in the data center with the N + N redundancy method.

**Answer: B**

**Question No : 3**

What is the result of a Cisco 1250 AP deployed for 802.11a/b/g/n using optimized power (16.8 W) with software version 7.0?

- A. One spatial stream per radio
- B. One spatial stream on 2.4 GHz and two spatial streams on 5 GHz
- C. One spatial stream on 5 GHz and two spatial streams on 2.4 GHz
- D. Reduced power on both radios
- E. Reduced power on 2.4 GHz radio only
- F. Reduced power on 5 GHz radio only

**Answer: E**

**Question No : 4**

Which piece of information gathered during a WLAN site survey should be included in the customer report?

- A. Analysis of server location and applications supported.
- B. Analysis of fiber-optic backbone infrastructure.
- C. Output from Cisco WCS Location Quality Inspector.
- D. Output from Cisco WCS VoWLAN Voice Readiness Tool.
- E. Output from Cisco WCS Planning Mode Tool.

**Answer: E**

**Question No : 5**

In evaluating a post-installation WLAN deployment, problems are occurring when a client roams from one AP to another. The client bounces back and forth between APs. Which three items can be checked to resolve this issue? (Choose three.)

- A. When a client roams from one AP to the next, check the client RSSI and SNR levels for both APs at the roaming point.
- B. Simplify 802.1X/EAP by moving from external RADIUS to local authentication.

- C. Verify the authentication being used for the same test that the client would use under production.
- D. Check if the roaming settings in the AP are set properly for non-CCX clients.
- E. Check the RF levels of the first AP as the client moves toward the second AP.
- F. Check that the client roaming parameters are set properly.

**Answer: A,C,E**

**Question No : 6**

A customer is preparing for a site survey. The building is in the middle of construction and not all walls are constructed. What is the most practical way to do this site survey?

- A. Add 2.5 APs on every floor to compensate for future RF blocks.
- B. Use Cisco WCS planning mode to conduct the site survey and file a proposal to the customer.
- C. Conduct a passive survey of the facility using temporary APs.
- D. Obtain architect drawings of the facilities with dimensions and floor height.

**Answer: B**

**Question No : 7**

Which infrastructure issue needs to be verified and potentially resolved before deploying a centralized 802.11n WLAN?

- A. That all the access layer switches that the 802.11n APs will connect to support 802.3af power.
- B. That all the access layer switches that the 802.11n APs will connect to contain 10/100/1000 Ethernet ports.
- C. The location of application and authentication servers.
- D. The proposed location for the WDS server.
- E. The proposed location for the WCS.

**Answer: B**

**Question No : 8**

You have a client that would like to upgrade their 2.4-GHz point-to-point wireless bridge link between buildings in their facility in Mexico. Currently, they have radios from vendor A that are transmitting at 14 dBm with 6 dBm antennas. They would like to upgrade the radios to vendor B but keep the existing antennas. The new radios from vendor B have a fixed transmit power of 7 dBm. How should you proceed?

- A. Install the new radios with existing vendor A antennas.
- B. Install new radios with replacement vendor A antennas rated at 13 dBm.
- C. Install new radios with replacement vendor A antennas rated at 30 dBm.
- D. Install the new radios with new vendor B antennas rated at 29 dBm.
- E. Install the new radios with new vendor B antennas rated at 13 dBm.

**Answer: E**

**Question No : 9**

While performing an active mesh survey with a Cisco 1550 Access Point, the status LED turns solid red. What does this indicate?

- A. Access Point is operational
- B. CAPWAP discovery is in progress
- C. Firmware failure
- D. Radio is off
- E. Mesh authentication failure

**Answer: C**

**Question No : 10**

What is the biggest challenge a customer faces when they are presented with the post-installation report?

- A. Validating the information is correct.
- B. Interpreting the configuration parameters and settings for the WLAN devices.
- C. Maintaining the report so that once the first change to the WLAN is made the documentation remains current.
- D. Maintaining the security of the report so that only IT personnel have access to the information contained in the report.

**Answer: C**

**Question No : 11**

What three best practices should be performed for a Data-Only Survey? (Choose three.)

- A. reduce the power to 50% of the client max power
- B. reduce the power to 75% of the client max power
- C. disable DTPC
- D. enable DTPC
- E. 5 - 10 percent overlap
- F. 10 - 15 percent overlap

**Answer: A,C,F**

**Question No : 12**

When designing a WLAN, AP placement is important. How would you rank the density of APs needed to support location services versus data and voice services?

- A. Voice and data services both require a higher density of APs than location services.
- B. Data services have a lower density of APs compared to location services, but more than voice.
- C. Voice services have the highest density of APs over location and data services.
- D. Data services have the lowest density of APs compared to location services, which has the highest density.

**Answer: D**

**Question No : 13**

An engineer needs to perform a site calibration using Cisco WCS. Which two types of data collection can be used? (Choose two.)

- A. data point
- B. area point
- C. radius point

- D. linear point
- E. hybrid point
- F. location point

**Answer: A,D**

**Question No : 14**

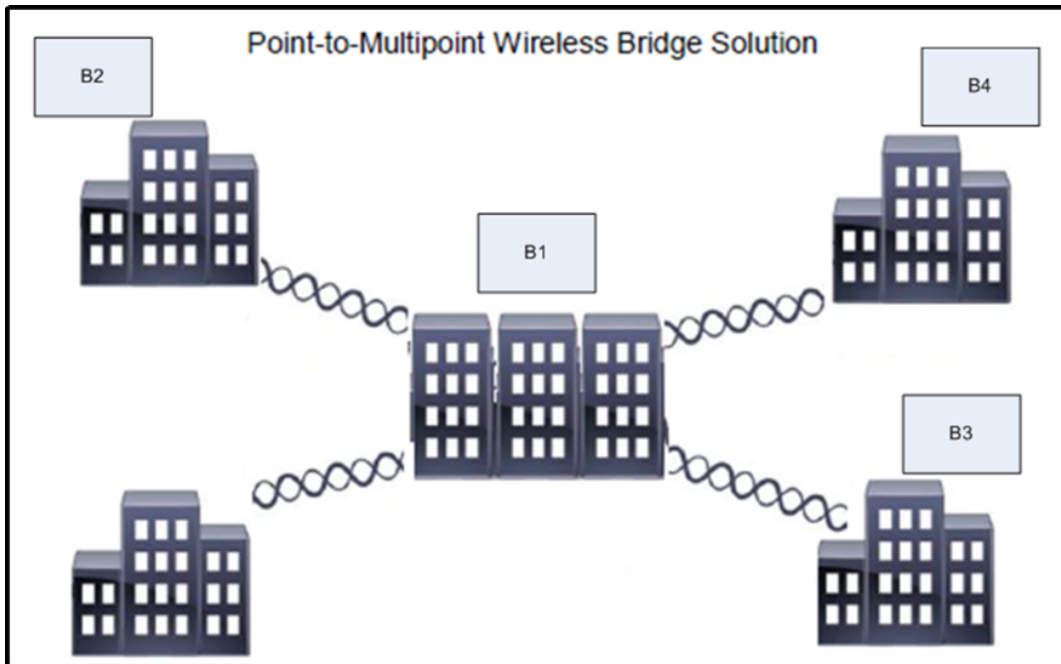
When planning to perform a customer WLAN site survey, which three components and tasks should be considered? (Choose three.)

- 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

**Answer: B,D,E**

**Question No : 15**

Refer to the exhibit.



A company requires a multi-point bridge solution with Cisco 1400 series bridges. The central bridge (B1) is set to 10 dBm, the manufacturing remote bridge (B2) is set to 20 dBm, the inventory remote bridge (B3) is set to 20 dBm, and the shop remote bridge (B4) is set to 10 dBm. Which option is the maximum allowed power setting for all four bridges?

- A. B1=12dBmB2=12dBmB3=12dBmB4=12dBm
- B. B1=12dBmB2=24dBmB3=24dBmB4=24dBm
- C. B1=24dBmB2=12dBmB3=12dBmB4=12dBm
- D. B1=24dBmB2=24dBmB3=24dBmB4=24dBm
- E. B1=20dBmB2=20dBmB3=20dBmB4=20dBm
- F. B1=10dBmB2=24dBmB3=24dBmB4=24dBm

**Answer: B**

**Question No : 16**

Before installing new wireless hardware, an engineer collects information from the facility using Cisco Spectrum Expert. What three devices would be detected during this survey? (Choose three.)

- A. Linksys router
- B. weather radio
- C. DECT phone
- D. Magnavox TV



- E. fire alarm
- F. wireless printer

**Answer: A,C,F**

**Question No : 17**

What document must be kept current when a customer is conducting network maintenance?

- A. installation report
- B. survey report
- C. readiness report
- D. technical report

**Answer: A**

**Question No : 18**

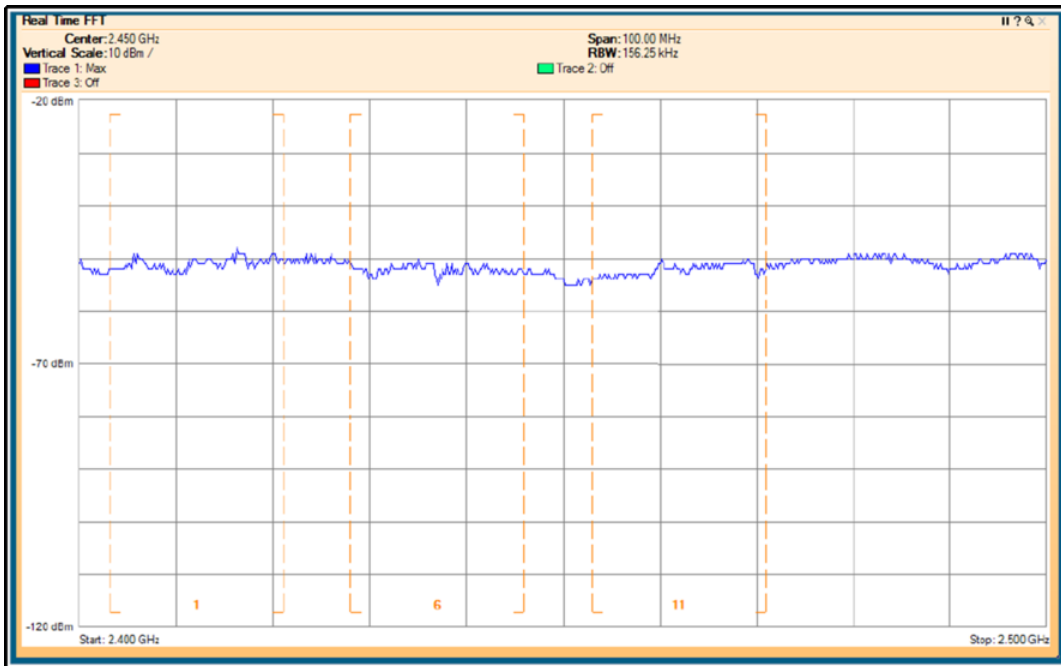
Which two details are specified in the Executive Summary section of the Site Survey Report? (Choose two.)

- A. proposed location for each AP
- B. customer and site surveyor contact details
- C. total number of APs
- D. expressed requirements set by customer
- E. coverage map

**Answer: C,D**

**Question No : 19**

Refer to the exhibit. Clients are being disconnected from the WLAN. Which source of interference can cause a Denial of Service?



- A. jammer
- B. microwave oven
- C. Bluetooth devices
- D. wireless video camera
- E. ZigBee device

**Answer: A**

**Question No : 20**

A Cisco engineer is troubleshooting a Cisco 1250 series 802.11n access point with a maximum throughput on 2.4 GHz that is limited to 72 Mbps. Why might the AP be operating in a limited capacity?

- A. the switch providing PoE supports 802.3af
- B. the switch providing PoE supports 802.3at
- C. the 2.4 GHz bandwidth is 20 MHz wide
- D. the 2.4 GHz is 40 MHz wide

**Answer: A**

**Question No : 21**