



Vendor: CWNP

Exam Code: CWNA-108

Exam Name: Certified Wireless Network Administrator
(CWNA)

Version: DEMO

QUESTION 1

What cause of hidden nodes within a BSS would be more likely lead to an increase in collisions and retries?

- A. Data frames too large for the physical environment
- B. Client stations broadcasting with too much power
- C. Access points broadcasting with too little power
- D. Large 802.11 cells with physically distributed stations

Answer: C

QUESTION 2

The center frequency of channel 1 in the 2.4 GHz band is 2.412 GHz (2412 MHz).

What is the center frequency of channel 4?

- A. 2.413 GHz
- B. 2.417 GHz
- C. 2.422 GHz
- D. 2.427 GHz

Answer: D

QUESTION 3

You are using a site survey tool for post-implementation validation. You have installed the appropriate adapter driver and imported a floor plan. Now, you want to take the next step in proper tool use. What must you do before gathering survey data after the floor plan is imported?

- A. Install iPerf
- B. Install WinPCAP
- C. Calibrate the floor plan
- D. Nothing, you can simply start capturing signal readings

Answer: C

QUESTION 4

When implementing PoE, what role is played by a switch?

- A. PO
- B. PSE
- C. Midspan injector
- D. Power splitter

Answer: B

QUESTION 5

You are implementing a VHT-capable AP. Which one of the following channels is available in the 802.11-2016 standard, which was not available before the ratification of 802.11ac?

- A. 153
- B. 161
- C. 144
- D. 56

Answer: C

QUESTION 6

What statement about the SSID is true?

- A. The SSID is a security session identifier used in RSNs.
- B. The SSID must be included in an association request frame.
- C. The SSID is an alphanumeric value assigned to device manufacturers by the IEEE.
- D. The SSID is a pseudo-random number assigned to each client by an AP.

Answer: B

QUESTION 7

You are troubleshooting a WLAN problem and you suspect hidden node as the cause. What should you look for in a protocol analyzer?

- A. Frames with the HN bit set to 1
- B. Frames with the retry bit set to 0
- C. Frames transmitted from the AP without acknowledgement
- D. Retransmitted frames from multiple STAs at higher rates than other STAs

Answer: D

Explanation:

<http://setup-wireless.blogspot.com/2008/11/wireless-hidden-node.html>

QUESTION 8

As you prepare for a site survey in a multi-floor corporate office, you have learned about several wireless devices that support connection-oriented, real-time applications. These applications are sensitive to service interruptions and require excellent signal quality, low latency, and low loss. For that reason, it is important to identify sources of RF interference as well as building characteristics that would cause RF blockage or dead spots.

What systems or environmental characteristics are most likely to cause interference or RF blockage and disrupt service for these applications? (Choose 2)

- A. Microwave ovens
- B. Narrow hallways
- C. Elevator shafts
- D. RFID chokepoints
- E. Workspace dividers

Answer: AC

QUESTION 9

What feature was introduced in the 802.11h amendment in order to uphold regulatory requirements for 5 GHz operations.

- A. 256-QAM
- B. Distributed Coordination Function (DCF)
- C. Transmit Power Control (TPC)
- D. Radio Resource Management (RRM)

Answer: C

QUESTION 10

You are deploying a WLAN with the access points configured for 10 mW of output power on the 2.4 GHz radios and 20 mW of output power on the 5 GHz radios. Some semi- directional antennas are also in use. What kind of deployment is described?

- A. High density
- B. SOHO
- C. Standard office
- D. Residential

Answer: A

QUESTION 11

You are using a tool that allows you to see signal strength for all APs in the area with a visual representation. It shows you SSIDs available and the security settings for each SSID. It allows you to filter by frequency band to see only 2.4 GHz networks or only 5 GHz networks. No additional features are available. What kind of application is described?

- A. Site survey utility
- B. Protocol analyzer
- C. Spectrum analyzer
- D. WLAN discovery tool

Answer: D

QUESTION 12

What best describes WPA2 in relation to 802.11 wireless network?

- A. WPA2 is specified in the 802. 11 standard as implementing CCMP/AES
- B. WPA2 is the standard that defines security for WLANs.
- C. WPA2 is a certification created by the Wi-Fi Alliance that validates device correctly implement CCMP/AES.
- D. WPA2 is the second version of WPA and it enhances security through the use of TKIP Instead of WEP.

Answer: B

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