



Vendor: CWNP

Exam Code: CWNA-107

Exam Name: Certified Wireless Network Administrator

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

In an 802.11n 2.4 GHz BSS, what prevents each station from using the full network bandwidth (e.g. 130 Mbps) for user data throughput when multiple clients are actively exchanging data with the AP?

- A. Radio receiver hardware cannot process data as quickly as it can be transmitted.
- B. Half of the bandwidth is allocated to uplink traffic and half to downlink traffic.
- C. WLAN devices cannot detect collisions and must receive positive frame acknowledgment.
- D. APs do not have sufficient wired connection speeds to the LAN, even at 1 Gbps connections with 802.11n and earlier APs.

Answer: C

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

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