

DUMPS ARENA

Certified Wireless Network Administrator

CWNP CWNA-108

Version Demo

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QUESTION NO: 1

To ease user complexity, your company has implemented a single SSID for all employees. However, the network administrator needs a way to control the network resources that can be accessed by each employee based in their department.

What WLAN feature would allow the network administrator to accomplish this task?

- A. RBAC
- B. WPA2
- C. WIPS
- D. SNMP

ANSWER: A**QUESTION NO: 2**

You are troubleshooting a client problem with a 2.4 GHz WLAN connection. The client is experiencing surprisingly low data rates during the work day. You analyze the workspace outside of business hours and detect a strong signal with a typical noise floor at the client location. During working hours, the user works with a laptop in the area and uses an external USB hard drive for continuous data access. The user also states that the laptop works as expected on her home network. The user working approximately 8 feet away from this client experiences no problems. Based on this information, what is the likely cause of the problem?

- A. The AP is overloaded during the work day
- B. The drivers in the laptop are corrupt
- C. The laptop has a failing wireless adapter
- D. The external hard drive is USB 3.0 and is causing a significant increase in the noise floor when in use

ANSWER: D**QUESTION NO: 3**

A WLAN transmitter that emits a 50 mW signal is connected to a cable with 3 dB loss. If the cable is connected to an antenna with 9dBi gain, what is the EIRP at the antenna element?

- A. 26 dBm
- B. 13 dBm

- C. 23 dBm
- D. 10 dBm

ANSWER: C

QUESTION NO: 4

In a long-distance RF link, what statement about Fade Margin is true?

- A. A Fade Margin is unnecessary on a long-distance RF link if more than 80% of the first Fresnel zone is clear of obstructions.
- B. The Fade Margin is a measurement of signal loss through free space and is a function of frequency and distance.
- C. Fade Margin is an additional pad of signal strength designed into the RF system to compensate for unpredictable signal fading.
- D. The Fade Margin of a long-distance radio link should be equivalent to the receiver's low noise filter gain.

ANSWER: C

QUESTION NO: 5

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

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

ANSWER: A

QUESTION NO: 6

You are performing a post-implementation validation survey. What basic tool can be used to easily locate areas of high co-channel interference?

- A. Throughput tester
- B. Laptop-based spectrum analyzer
- C. Access point spectrum analyzer

D. Wi-Fi scanner

ANSWER: D

QUESTION NO: 7

When compared with legacy Power Save mode, how does VHT TXOP power save improve battery life for devices on a WLAN?

- A. Legacy Power Save mode was removed in the 802.11ac amendment.
- B. VHT TXOP power save allows the WLAN transceiver to disable more components when in a low power state.
- C. VHT TXOP power save uses the partial AID in the preamble to allow clients to identify frames targeted for them.
- D. VHT TXOP power save allows stations to enter sleep mode and legacy Power Save does not.

ANSWER: C

QUESTION NO: 8

You are troubleshooting a problem with interference from a non-802.11 device. Given that the device is not a WLAN device, you cannot use a protocol analyzer and have chosen to use a spectrum analyzer. You want to view the signal from the interfering device over time to see the activity that is generating.

What common spectrum analyzer view should you use for this analysis?

- A. APs
- B. Waterfall/Spectrogram
- C. Real-time FFT
- D. Clients

ANSWER: B

QUESTION NO: 9

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

- A. 56
- B. 161

C. 153

D. 144

ANSWER: D

QUESTION NO: 10

What 802.11 network configuration would result in multiple stations broadcasting Beacon frames with the same BSSID but with different source addresses?

A. Multiple APs have been loaded with the same configuration from an image file.

B. A single AP supports multiple BSSs with different SSIDs.

C. An IBSS is used instead of a BSS.

D. An SCA network is in use.

ANSWER: C