



Vendor: CWNP

Exam Code: CWAP-402

Exam Name: Certified Wireless Analysis Professional
(CWAP)

Version: DEMO

QUESTION 1

You have received reports of performance problems in a BSS. One specific user is indicating that her downloads are taking a very long time compared to other users around her.

You want to determine if the AP is sending frames multiple times to get through to the user's computer.

Where should you monitor with the protocol analyzer to see retries from the AP in this scenario?

- A. Directly in the middle of the AP and client STA
- B. Very near the AP
- C. Capture from another AP in another BSS
- D. Very near the client STA

Answer: B

QUESTION 2

You are attempting to determine timing information within a packet capture of a WLAN protocol analyzer.

What time is used to display the time the packet was captured based on the system clock in the computer?

- A. Relative
- B. Arrival
- C. Interframe
- D. Delta

Answer: B

QUESTION 3

You want to simplify viewing frames of a particular type in Wireshark.

What is used to specify frames for colorization?

- A. Custom code must be written and the binaries recompiled
- B. Automated protocol analysis is used and no additional options may be specified
- C. Filters are used to define the frames that should be colorized
- D. A scripting language is available to modify the code before recompilation

Answer: C

QUESTION 4

You are evaluating a protocol capture file in Wireshark.

The following filter is applied:

```
wlan_radio.11ac.bandwidth - - 4
```

What kind of frames are displayed?

- A. Only 40 MHz frames
- B. Only 80 MHz frames
- C. Only frames supporting 4 spatial streams
- D. Only frames supporting 4 radio chains

Answer: B

QUESTION 5

Given: Adjacent Channel Interference (ACI) can cause frame corruption and poor performance in WLANs. You are using a protocol analyzer in the attempt to detect ACI. What should you look for in such a scenario?

- A. Look at Retry counts
- B. Capture on the channel you think may be impacted by ACI and see if any frames are captured from adjacent channels
- C. Look for frames with a low signal strength value in the radio tap header
- D. Look at CRC errors

Answer: B

QUESTION 6

You are responsible for troubleshooting and analysis of the WLAN in your organization that supports more than 700 client STAs. Forty APs are deployed and they are all dual-band APs and are controller-based. You must troubleshoot the wired side in some scenarios using a protocol analyzer. Which one of the following problems would warrant wired-side analysis in most situations?

- A. High 802.11 retry rates
- B. High 802.11 CRC rates
- C. WMM QoS issues
- D. DHCP problems

Answer: C

QUESTION 7

You have been recently hired as the wireless network administrator for an organization spread across seven locations. They have deployed more than 100 APs, but they have not been managed in either an automated or manual process for more than 18 months. Given this length of time, what is one of the first things you should evaluate from a support perspective?

- A. The data rates allowed
- B. The VLANs in use
- C. The channels in use
- D. The firmware revision

Answer: D

QUESTION 8

Several users have reported WLAN network connection issues and the users connect to the same AP. These users are spread throughout a 320 square meter area. Using a spectrum analyzer, you see RF energy across the entire 2.4 GHz band at significant signal strength levels. The users all connect using either HT or ERP devices. What is the likely cause of this problem within this area?

- A. Wide-band jammer
- B. Microwave oven
- C. Bluetooth devices
- D. Video camera

Answer: A

QUESTION 9

You are using the real-time FFT display of a spectrum analyzer. In what domain does this show the RF energy detected in the swept frequencies?

- A. Time
- B. Length
- C. Phase
- D. Frequency

Answer: C

QUESTION 10

You need to determine RF activity over time in a spectrum analyzer. It is to be able to see the activity and the amplitude of that activity. What kind of view should be used?

- A. Real-time FFT
- B. Device listing
- C. Channel listing
- D. Swept spectrogram

Answer: D

QUESTION 11

You suspect an interfere may exist in a BSS that is experiencing sporadic problems. You want to identify and locate the device. The actual device identify is not known. What tool should be used for this purpose?

- A. Spectrum analyzer
- B. Cable tester
- C. Throughput tester
- D. Protocol analyzer

Answer: A

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