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Certified Wireless Network Administrator

CWNP CWNA-107

Version Demo

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QUESTION NO: 1

What statement about the beamwidth of an RF antenna is true?

- A. Horizontal and vertical beamwidth are calculated at the point where the main lobe decreases power by 3 dB.
- B. Vertical beamwidth is displayed (in degrees) on the antenna's Azimuth chart.
- C. When antenna gain is lower, the beamwidth is also lower in both the horizontal and vertical dimensions.
- D. The beamwidth patterns on an antenna polar chart indicate the point at which the RF signal stops propagating.

ANSWER: A**QUESTION NO: 2**

What is an advantage of using WPA2-Personal instead of WEP-128 as a security solution for 802.11 networks?

- A. WPA2-Personal uses CCMP for encryption, and WEP-128 uses TKIP for encryption
- B. WPA2-Personal uses dynamic encryption keys, and WEP-128 uses static keys
- C. WPA2-Personal uses 802.1X/EAP for authentication, and WEP-128 uses preshared keys
- D. WPA2-Personal is based on IEEE 802.11 industry standards, but WEP is not

ANSWER: B**QUESTION NO: 3**

What is the most effective method of testing roaming in relation to 802.11 VoIP handsets?

- A. Use the built-in roaming monitor built into all VoIP handsets.
- B. Use a protocol analyzer to capture the traffic generated when a laptop roams.
- C. Place a call with the handset and move around the facility to test quality during roaming.
- D. Use a spectrum analyzer to monitor RF activity during a VoIP call.

ANSWER: C

QUESTION NO: 4

You are attempting to locate the cause of a performance problem in two WLAN cells in a mostly overlapping coverage area. You note that one AP is on channel 1 and the other is on channel 2. When you document your findings, what term do you use to describe the problem in this configuration?

- A. Bluetooth interference
- B. Non-Wi-Fi interference
- C. CCI
- D. ACI

ANSWER: C D**QUESTION NO: 5**

In an 802.11n 2.4 GHz BSS, what prevents each station from using the full network data rate (e.g. 216.7 Mbps) for user data when multiple clients are actively exchanging data with the AP?

- A. Half of the bandwidth is allocated to uplink traffic and half to downlink traffic
- B. All data frames must be acknowledged and the medium is shared
- C. Radio receiver hardware cannot process data as quickly as it can be transmitted
- D. APs do not have sufficient wired connection speeds to the LAN, even at 1 Gbps connections, with 802.11n and earlier APs

ANSWER: B**QUESTION NO: 6**

During a post-implementation survey, you have detected a non-802.11 wireless device transmitting in the area used by handheld 802.11g scanners. What is the most important factor in determining the impact of this non-802.11 device?

- A. Protocols utilized
- B. Channel occupied
- C. Receive sensitivity
- D. Airtime utilization

ANSWER: B