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Exam : **CWDP-305**

Title : **Certified Wireless Design
Professional**

Version : **DEMO**

1. In an RSN requiring low-latency reassociations and no fast secure roaming protocols, what security solutions are ideal for protecting VoWiFi communication? (Choose all that apply.)

- A. WPA2-Personal
- B. WPA-Personal
- C. WPA2-Enterprise
- D. WEP
- E. 802.1X/EAP

Answer: A B

2. To increase capacity in a coverage-based wireless network, which of the following techniques are typically recommended? (Choose all that apply.)

- A. Maximize airtime usage by disabling lower data rates.
- B. Add additional APs and use directional antennas.
- C. Turn up power on the access points.
- D. Lower power on the access points and, after careful planning, add more AP

Answer: A B D

3. Who should be in the final meeting from the customer-side after successfully implementing a WLAN infrastructure?

- A. CEO or CFO
- B. End-users
- C. The customer's customers
- D. Remote workers

Answer: B

4. SSID hiding is not generally recommended because some frames require inclusion of the SSID. In what frames is the SSID always included?

- A. Beacon
- B. Association request
- C. Probe response
- D. Probe request
- E. Authentication response

Answer: B

5. Given: You are evaluating the theoretical and real-world RF gain benefits of transmit and receive features introduced by 802.11 with MIMO. This exercise allows you to quantify the features value in a real-world environment.

What is the maximum theoretical signal gain of chip-based TxBF and MRC (as features) when compared to the same AP using only a single antenna for transmit and receive (effectively simulating a 1x1 chip)?

- A. 2 Rx or Tx chains = 3 dBi gain 3 Rx or Tx chains = approx 5 dBi gain 4 Rx or Tx chains = 6 dBi gain
- B. 2 Rx or Tx chains = 1 dBi gain 3 Rx or Tx chains = 2 dBi gain 4 Rx or Tx chains = 3 dBi gain
- C. 2 Rx or Tx chains = 3 dBi gain 3 Rx or Tx chains = 6 dBi gain 4 Rx or Tx chains = 9 dBi gain
- D. 2 Rx or Tx chains = approx 4-6.5 dBi gain 3 Rx or Tx chains = approx 7-10 dBi gain

Answer: D