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QUESTION 1

When deploying long-distance 802.11 bridge links (10 miles / 16 km), what parameter may be critical for improving data flow by reducing retries caused by the long distances?

- A. The sequence control field value
- B. The acknowledgement timeout threshold
- C. The minimum transmit data rate value
- D. The CTS-to-self threshold
- E. The Beacon interval
- F. The PHY parameter set field

Correct Answer: B

QUESTION 2

What is the DSCP Per Hop Behavior equivalent classification of the 802.11e AC_VO priority level?

- A. AF31
- B. EF
- C. VO
- D. AF12
- E. CS3

Correct Answer: B

QUESTION 3

When performing an indoor predictive site survey to make the WLAN planning and design cycle more efficient, what is a best practice for configuration of the simulated APs in the predictive modeling software?

- A. All simulated APs should be set to 20 MHz channels only.
- B. Always use the default 2.2 dBi omnidirectional antenna patterns for simulated APs.
- C. If dynamic RRM will be used, AP transmit power should be set to an estimated average level of the expected client devices, such as 25 mW.
- D. Defining custom AP and antenna patterns will yield more accurate prediction data than the pre- configured vendor AP/antenna combinations.



Correct Answer: C

QUESTION 4

Given: You are evaluating the theoretical and real-world RF gain benefits of transmit and receive features introduced by 802.11n with MIMO. This exercise allows you to quantify the feature's 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 4 Rx or Tx chains = approx 10-12 dBi gain
- E. The theoretical gains offered by each additional radio are different for TxBF and MRC.

Correct Answer: A

QUESTION 5

When deploying long-distance 802.11 bridge links (10 miles / 16 km), what parameter may be critical for improving data flow by reducing retries caused by the long distances?

- A. The sequence control field value
- B. The PHY parameter set field
- C. The minimum transmit data rate value
- D. The CTS-to-self threshold
- E. The Beacon interval
- F. The acknowledgement timeout threshold

Correct Answer: F

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