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642-742

Implementing Cisco Unified Wireless Voice
Networks

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QUESTION NO: 1

Which three options are benefits of U-APSD? (Choose three.)

- A. synchronization of the transmission and reception of voice frames
- B. bandwidth reservation
- C. optimized power-save mode periods
- D. increased call capacity
- E. priority bandwidth and polling

Answer: A,C,D

Explanation:

QUESTION NO: 2

Which two options allow a Cisco Unified Wireless IP Phone 7925G to conserve its battery? (Choose two.)

- A. PS-Poll
- B. S-APSD
- C. U-APSD
- D. 802.11h
- E. 802.11r

Answer: A,C

Explanation:

QUESTION NO: 3

Which statement describes the benefit of WMM U-APSD over legacy 802.11 power-save mode?

- A. Client can burst data without standard interframe spacing.
- B. Client can burst data without ACKs.
- C. Client no longer sends null frame to notify of sleep mode.
- D. Client sleep mode is scheduled by AP to reduce jitter.

Answer: A

Explanation:

QUESTION NO: 4

Which two items enable WMM to expedite frames from respective traffic categories? (Choose two.)

Consistent CWmin and CWmax values

Dynamic CWmin and CWmax values

- A. AIFS
- B. SIFS
- C. PIFS
- D. DIFS
- E. U-APSD
- F. PS-Poll

Answer: B,C

Explanation:

QUESTION NO: 5

When a VoWLAN client is in the range of two cells, which two statements describe how the client makes a decision about which cell is the best to associate with? (Choose two.)

- A. The client will associate with the cell with the highest RSSI value.
- B. The client will associate with the cell with the lowest SNR value.
- C. The client will associate with the cell broadcasting the highest 802.11e value.
- D. The client will associate with the cell broadcasting the highest TSPEC value.
- E. The client will associate with the cell broadcasting the lowest mandatory data rate.
- F. The client will associate with the cell broadcasting the highest data rate.
- G. The client will associate with the first cell that advertises U-APSD.

Answer: A,B

Explanation:

QUESTION NO: 6

The AP has been properly configured for a VoWLAN survey. The RF environment contains a noise of -87 to -90 dBm. What would be the target value for the cell edge reading?

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- A. -55 dBm
 - B. -60 dBm
 - C. -62 dBm
 - D. -67 dBm
 - E. -70 dBm
 - F. -73 dBm

Answer: C

Explanation:

QUESTION NO: 7

What is the recommended minimum speed at the edge of the cells in an 802.11g network for a good Cisco VoWLAN deployment?

- A. 11 Mb/s
- B. 12 Mb/s
- C. 18 Mb/s
- D. 36 Mb/s
- E. 54 Mb/s

Answer: B

Explanation:

QUESTION NO: 8

Which three statements are true about load-based Call Admission Control? (Choose three.)

- A. grants a VoWLAN client-initiated call based on the number of active clients associated to the AP
- B. grants a VoWLAN client-initiated call based on channel bandwidth capacity
- C. uses the 802.11i specifications
- D. uses ADDTS action frames
- E. requires a WMM-enabled client

Answer: B,D,E

Explanation: