



642-742^{Q&As}

Implementing Cisco Unified Wireless Voice Networks (IUWVN) v2.0

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**QUESTION 1**

IGMP snooping has been enabled on a Cisco WLC v7.0, along with any other configurations that are required for wireless multicast. Which statement describes an IGMP leave message to a router when IGMP snooping is enabled?

- A. The message is sourced from the wireless client.
- B. The message is sourced from the Cisco WLC management interface.
- C. The message is sourced from the Cisco WLC virtual interface.
- D. The message is sourced from the Cisco WLC dynamic interface.
- E. No message is sent, and the membership is timed out.

Correct Answer: E

QUESTION 2

An engineer notices that the batteries on a Cisco 792X series wireless phone are draining quite a bit even while not placing calls. What should be changed on the SSID to fix this?

- A. set DTIM to 2 on the operational band of the voice clients
- B. enable U-APSD on the WLAN to save power
- C. enable Multicast Direct to cut down on the multicast processing
- D. set P2P to forward down-stream so that clients are not interfering with each other

Correct Answer: A

QUESTION 3

VoIP clients can be impacted by jitter. Which of these statements best describes jitter?

- A. Jitter occurs because the receiver buffer is smaller than the sender buffer, thus packets are dropped and voice quality becomes worse.
- B. Jitter is defined as variation in the delay of received packets.
- C. Jitter can be reduced by designing cells that use only the 802.11a frequency band.
- D. A best practice to avoid jitter is to ensure that the end-to-end round-trip time does not exceed 150 ms.

Correct Answer: B

QUESTION 4



A network engineer wants the DSCP marking to align with the 802.11e access category video. What will this marking be?

- A. 4
- B. 34
- C. 5
- D. AF31

Correct Answer: B

QUESTION 5

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

Correct Answer: AC

QUESTION 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?

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

Correct Answer: C

QUESTION 7

DRAG DROP



Select and Place:

Drag and drop the QoS marking value on the left to its matching application on the right. Not all tag values will be used.

48	Voice
46	Call Signaling
34	IP Routing
32	Streaming Video
24	Interactive Video
18	
10	

Correct Answer:

Drag and drop the QoS marking value on the left to its matching application on the right. Not all tag values will be used.

	46
	24
	48
	32
	34
18	
10	

QUESTION 8

What are the benefits from enabling TSM for a VoWLAN using a WLC v7.0?

- A. provides packet loss and latency covering the end-to-end voice path on all links
- B. provides packet loss and latency covering the end-to-end voice path on all links and additional parameters on the VoWLAN segment
- C. provides packet loss covering the end-to-end voice path on all links and additional parameters on VoWLAN segment
- D. provides packet loss, latency, and additional parameters on VoWLAN call segment

Correct Answer: D

**QUESTION 9**

A customer has requested their wireless infrastructure to be able to provide voice phones with the ability to indicate to a wireless controller that the call is urgent and needs to be placed immediately. What solution should be recommended to the customer?

- A. enable load-based CAC for voice networks and configure expedited bandwidth
- B. disable load-based CAC for voice networks to turn off the controllers monitoring of the access point's load, allowing for as many voice calls to be placed as necessary
- C. configure expedited bandwidth and change the 802.1p value to 7 for platinum QoS
- D. reconfigure the SSID for KTS based CAC to allow for a more granular handling of voice traffic

Correct Answer: A

QUESTION 10

Which one of these options best describes the ideal WLAN design for wireless VoIP clients?

- A. smaller cells with all configurable speeds to ensure that all clients (802.11a/b/g) can associate to the wireless infrastructure
- B. smaller cells with higher speeds and CAC-enabled prioritization of WMM clients
- C. larger cells with higher speeds and WPA2 security enabled to ensure the best possible coverage
- D. smaller cells with APs in the inner areas using omnidirectional antennas, and APs on the outer walls using directional antennas facing inward

Correct Answer: B

QUESTION 11

Which of these authentication and encryption combinations would be considered the most secure?

- A. LEAP and WPA TKIP
- B. EAP-FAST and WPA2 AES
- C. EAP-FAST and WPA TKIP
- D. WPA-PSK and TKIP

Correct Answer: B

QUESTION 12



Which attribute does the VoWLAN Readiness Tool of WCS v7.0 use to predict acceptable conditions?

- A. SNR
- B. RSSI
- C. PER
- D. WMM
- E. QBSS

Correct Answer: B

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