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**Vendor:**Cisco

**Exam Code:**642-742

**Exam Name:**Implementing Cisco Unified Wireless  
Voice Networks (IUWVN) v2.0

**Version:**Demo

### QUESTION 1

During a post site survey with a wireless phone, 30% of the area shows -69 dBm signal strength. What is the recommended RSSI for voice deployments?

- A. -65 dBm
- B. -66 dBm
- C. -67 dBm
- D. -68 dBm

Correct Answer: C

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### QUESTION 2

Which of these statements best describes the Cisco Compatible Extensions "AP Specified Max Power" feature?

- A. The Cisco Compatible Extensions-capable client sets its power independently and confirms with the AP if its setting is supported.
- B. After a Cisco Compatible Extensions client associates to an AP, that AP will inform the other surrounding APs what power settings that client supports in case it roams to another AP.
- C. The AP automatically sets the transmit power of each of its Cisco Compatible Extensions-capable clients.
- D. The AP automatically sets the transmit and receive power of each of its Cisco Compatible Extensions- capable clients.

Correct Answer: C

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### QUESTION 3

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

Correct Answer: ACD

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### QUESTION 4

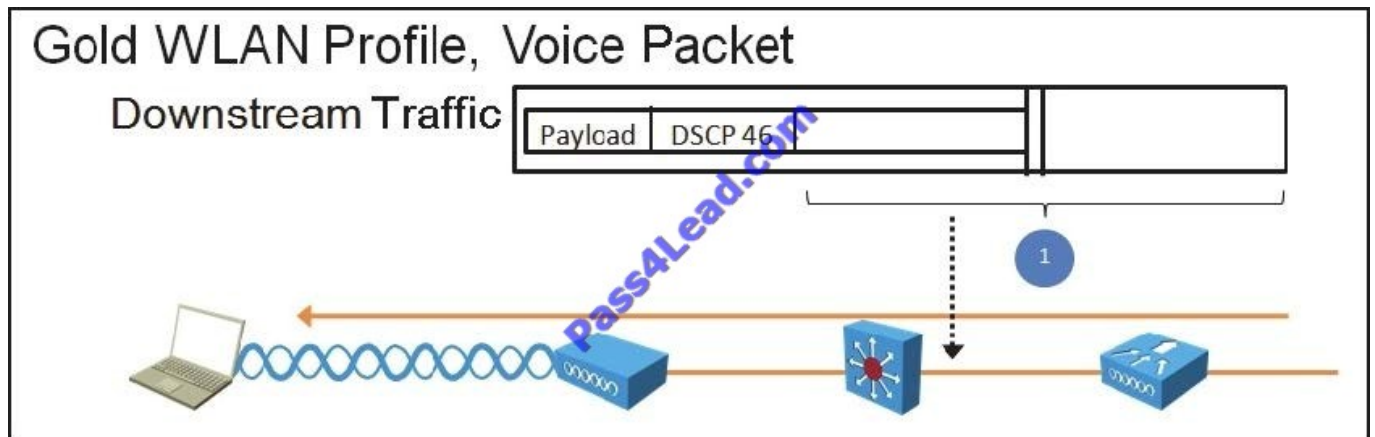
A network engineer is troubleshooting a VoWLAN deployment with VoFi Analyzer and sees a WiMOS score of 2.9. How would the tool describe this value?

- A. Unacceptable
- B. Many dissatisfied
- C. Some dissatisfied
- D. All satisfied

Correct Answer: B

### QUESTION 5

Refer to the exhibit.



Voice bearer traffic is being sent downstream using a WLAN configured for gold QoS. Which two of these options indicate the inner 802.11e QoS markings and QoS CAPWAP markings that are used at location 1? (Choose two.)

- A. Inner 802.11e: UP 6
- B. Outer CAPWAP: DSCP EF and CoS 5
- C. Outer CAPWAP: DSCP 46 and CoS 4
- D. Inner 802.11e: UP 3
- E. Outer CAPWAP: DSCP AF31 and CoS 3
- F. Outer CAPWAP: DSCP AF41 and CoS 4
- G. Outer CAPWAP: CoS 5
- H. Inner 802.11e: UP 5

Correct Answer: CH

### QUESTION 6

A network engineer is deploying wireless voice with a 20% overlap at -67dBm. After testing, the cell edge is determined to be 50 feet from the AP. How far away should the next AP be placed?

- A. 60 feet
- B. 70 feet
- C. 80 feet
- D. 90 feet
- E. 100 feet

Correct Answer: D

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#### **QUESTION 7**

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

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#### **QUESTION 8**

Refer to the exhibit.

The screenshot shows the Cisco WLC Monitor page for Multicast Groups. The left sidebar includes a 'Monitor' menu with options like Summary, Access Points, Cisco CleanAir, Statistics, CDP, Rogues, Clients, and Multicast. The main content area is titled 'Multicast Groups' and contains two tables:

**Layer3 MGID(Multicast Group ID) Mapping**

Group address	Vlan	MGID
239.1.1.1	10	551

**Layer2 MGID(Multicast Group ID) Mapping**

InterfaceName	vlanId	MGID
management	10	0

Below these tables is the 'Multicast Group Detail' section, showing 'Entries 1 - 1 of 1'. It includes a 'Current Filter : 551' and links for '[Change Filter]' and '[Show All]'. A table below shows the details for the single entry:

Client MAC Addr	AP Name	Expire Time (mm:ss)	Multicast Status	QoS User Priority
58:8d:09:d3:53:4f	Pod1b	00:50	Normal Multicast	0

What three items of multicast information can be interpreted from the WLC displays? (Choose three.)

- A. WLC-to-AP multicast mode is configured for unicast.
- B. WLC-to-AP multicast mode is configured for multicast using IP address 239.1.1.1.
- C. The ingress WLC multicast stream is IP address 239.1.1.1.
- D. VideoStream is allowed for the wireless client.
- E. VideoStream is not allowed for the wireless client.
- F. IGMP snooping is enabled.
- G. IGMP snooping is disabled.
- H. QoS was configured and lowered to best effort.

Correct Answer: CEF

### QUESTION 9

Which statement best describes Cisco Centralized Key Management?

- A. It allows wireless clients to cache their credentials to prevent any reauthentication to the wireless infrastructure during a roaming event.

- B. It allows the wireless infrastructure to cache the credentials to eliminate the need for a full reauthentication when roaming.
- C. It allows controllers to send a directed roam request to a wireless client when a different AP can service the client better.
- D. It allows the wireless client to cache information from surrounding APs to reduce scan time before roaming.

Correct Answer: B

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#### QUESTION 10

After implementing mesh with an IP surveillance camera connected to the LAN port on a RAP, the engineer notices that QoS is not being marked. In this setup, what device is responsible for marking upstream traffic from the camera?

- A. IP Camera
- B. MAP
- C. RAP
- D. Wireless Controller
- E. First-Hop Router

Correct Answer: A

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#### QUESTION 11

You have two packets with decimal ToS values of 32 and 34. What are their results, respectively, in an IP precedence-only device?

- A. Both packets have an IP precedence tag of CS4, and the packet with the decimal value of 34 has a higher drop probability.
- B. The packet with the decimal value of 32 has an IP precedence tag of CS4, while the other decimal value of 34 is ignored and treated as best effort.
- C. The packet with the decimal value of 34 has an IP precedence tag of CS4, while the other decimal value of 32 is ignored and treated as best effort.
- D. Both packets have a decimal value that results in an IP precedence tag of CS4.

Correct Answer: D

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#### QUESTION 12

A customer has requested help in configuring priority for emergency calls. What setting needs to be enabled to allow for wireless phones to make emergency calls no matter the load on the access point?

- A. expedited bandwidth

B. reserved roaming bandwidth reservation

C. static CAC reservation

D. SIP CAC

Correct Answer: A

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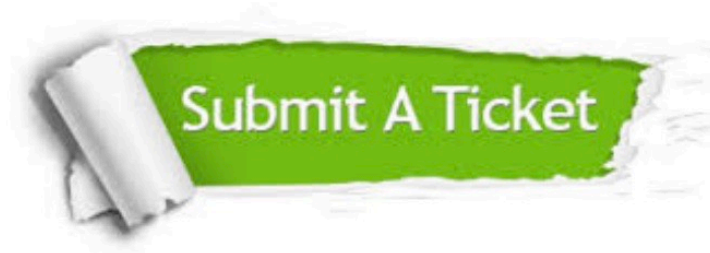
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