



# 642-742<sup>Q&As</sup>

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

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### QUESTION 1

A Cisco partner has finished completing a CUWN install for a healthcare customer. After completing the deployment, the support center has received a ticket stating the 7925 VoIP phones will not connect in a few of the remote offices. The phones display '\\configuring IP\\' consistently. What would be the next step for troubleshooting?

- A. verify option 43 has been configured
- B. verify option 150 has been configured
- C. verify the DNS server has been configured
- D. verify the domain name has been configured

Correct Answer: B

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### QUESTION 2

A customer has asked an engineer to design wireless voice for a Mesh deployment. What two design options are best practices per Cisco\\'s design guide? (Choose two.)

- A. indoor Mesh
- B. outdoor Mesh
- C. 3 Hops Max
- D. 4 Hops Max
- E. 3 MAPs per RAP Max
- F. 5 MAPs per RAP Max

Correct Answer: AE

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### QUESTION 3

Which two multicast modes are valid for use with Ethernet bridging on a mesh AP? (Choose two.)

- A. mesh bridge in
- B. regular
- C. bidirectional bridge
- D. in
- E. out

Correct Answer: BD

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#### QUESTION 4

A client is WME capable and configured for AC\_VOICE, but the QoS Priority of 6 is missing when analyzing an 802.11 frame. What three issues need to be investigated? (Choose three.)

- A. WLAN is WMM enabled
- B. DTIM is set to 10
- C. WMM IE present in beacons
- D. WMM IE present in association requests
- E. WMM IE present in association response
- F. WLAN is configured for Platinum QoS

Correct Answer: ACE

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#### QUESTION 5

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 6

An engineer has fired up a packet capture to try to determine if there are malformed frames being transmitted. They notice that there is a station transmitting frames consecutively without giving other stations a chance to transmit. What capability is the engineer witnessing?

- A. 802.11 fragment burst
- B. 802.11e priority contention window
- C. Aggregated MPDU
- D. Extended Interframe Space

Correct Answer: A

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### QUESTION 7

When designing the coverage area for high call capacity, what two actions should you take with data rates and channels? (Choose two.)

- A. Avoid channels with high AP co-channel interference.
- B. Use channels with high AP co-channel interference to avoid channel roaming.
- C. Set the 2.4-GHz data rate of 5.5 Mb/s to required.
- D. Use 5-GHz channels when possible.
- E. Use 2.4-GHz channels when possible.

Correct Answer: AD

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### QUESTION 8

Which two configurations can resolve one-way audio in WLANs? (Choose two.)

- A. DTPC
- B. TPC on AP
- C. Platinum QoS in the WLAN
- D. admission control
- E. maximum transmit power

Correct Answer: AB

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### QUESTION 9

A packet arrives with a decimal value of 12. Which AF class does the packet belong to, and what is the drop probability of the packet? (Choose two.)

- A. AF1
- B. AF2
- C. AF3
- D. AF4
- E. low drop probability
- F. high drop probability
- G. medium drop probability



Correct Answer: AG

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#### QUESTION 10

WLC v7.0 is properly configured for 802.11n and multicast video without the optional VideoStream. Which three of these options describe frames sent from the AP to wireless clients? (Choose three.)

- A. sent as gold QoS
- B. sent as best effort QoS
- C. sent at highest mandatory rate
- D. sent at lowest mandatory rate
- E. sent at client MCS data rate
- F. ACK per frame
- G. No ACKs

Correct Answer: BCG

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#### QUESTION 11

Refer to the exhibit.



**Multicast Groups**

**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

**Multicast Group Detail** Entries 1 - 1 of 1

Current Filter : 551 [Change Filter] [Show All]

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 12

Which of these statements best describes Cisco Centralized Key Management?

- A. It allows wireless clients to cache their credentials so that, while they are roaming, they do not need to reauthenticate to the wireless infrastructure.



B. It allows the wireless infrastructure to cache the credentials, thus eliminating the need to conduct a full reauthentication when roaming.

C. It enables the controller to send directed roam requests to a client in situations when the controller can better service the client on a different AP than the one to which the client is associated.

D. By caching their credentials, it helps clients save scanning time when looking for a new AP to join.

Correct Answer: B

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