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

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QUESTION 1

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 2

A network engineer needs to reconfigure the WLAN settings on a 7925G phone, but the settings menu is locked. What key combo will unlock the menu?

A. **#

B. ##*

C. *#

D. #*

Correct Answer: A

QUESTION 3

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

QUESTION 4

What three minimal configurations are required for a correctly scaled multicast configuration using WLC v7.0? (Choose three.)

A. Enable global multicast mode

B. Enable IGMP snooping

C. Configure IGMP timeout for 60 seconds

D. Configure IGMP query interval for 20 seconds

E. Enable WLAN multicast VLAN feature

F. Enable AP multicast mode for multicast

G. Enable AP multicast mode for Unicast

Correct Answer: ABF

QUESTION 5

What happens to a wireless client when it moves from one controller to another in a different mobility domain?

A. The client will have to reauthenticate, reassociate, and get new IP address information.

B. The client will have to reauthenticate and reassociate, but will be able to keep its IP address information.

C. Nothing happens as long as the client roams within the same mobility group.

D. It is not possible to roam to a different mobility domain.

Correct Answer: A

QUESTION 6

Refer to the exhibit.

```
interface GigabitEthernet0/19
 description WLC5508
 switchport trunk allowed vlan 10,20,30,40
 switchport mode trunk
 priority-queue out
 channel-group 2 mode on
 spanning-tree portfast trunk
end
```

A controller has been completely configured to support high definition video over wireless. During the testing phase, a packet capture shows the video-stream traffic on the wire as best effort. What needs to be changed in the configuration

to support QoS tags properly?

A. add the line mls qos trust cos

B. add the line mls qos trust dscp

C. add the line priority queue in

D. add the line mls qos trust device wlc

Correct Answer: A

QUESTION 7

When implementing video teleconferencing over a wireless network, which three attributes should be considered when cell planning? (Choose three.)

A. latency

B. jitter

C. throughput

D. packet loss

E. client association

F. number of users on the network

Correct Answer: ABD

QUESTION 8

Select and Place:

Drag the steps from the left that a Cisco Unified Wireless IP Phone 7921G or 7925G uses to start up and register with a Cisco Unified Communications Manager and drop them in the correct order on the right.

Send DHCP for IP address and TFTP server address.	Target
Attempt connection to the highest priority Cisco Unified Communications Manager, and register.	Target
Bootload flash memory image.	Target
Perform 802.1X EAP authentication.	Target
Read configuration file and verify firmware image.	Target
Search for appropriate SSID to associate.	Target

Correct Answer:

Drag the steps from the left that a Cisco Unified Wireless IP Phone 7921G or 7925G uses to start up and register with a Cisco Unified Communications Manager and drop them in the correct order on the right.

	Bootload flash memory image.
	Search for appropriate SSID to associate.
	Perform 802.1X EAP authentication.
	Send DHCP for IP address and TFTP server address.
	Read configuration file and verify firmware image.
	Attempt connection to the highest priority Cisco Unified Communications Manager, and register.

QUESTION 9

Clients are experiencing artifacts in multicast video even though the network was recently upgraded to 802.11n APs. What three configuration changes will be most effective to improve performance? (Choose three.)

A. increase mandatory data rate

B. enable 40 MHz wide channels

C. enable Call Admission Control

D. increase QoS marking on multicast

E. enable VideoStream

F. disable Multicast Messaging

Correct Answer: BCE

QUESTION 10

Which two VoWLAN configuration parameters are required to implement a Vocera Communications System on a Cisco WLC v7.0? (Choose two.)

A. Enable WLC broadcast for WLANs.

B. Enable WLC multicast for WLANs.

C. Disable WLAN WMM.

D. Adjust the radio EDCA profile.

E. Enable WLAN WMM.

Correct Answer: BC

QUESTION 11

Users are experiencing poor audio quality when calling from their 7925 series VoIP Phones. Call quality is exceptional from wired to wired phones, but not from wired to wireless phones. The wired network has QoS deployed properly and the SSID is configured with Platinum QoS. What should be verified to troubleshoot the issue?

A. The controller is marking the 802.1p tag of 3, the AP switchport has been configured to trust DSCP, and the controller\\'s switchport to trust CoS.

B. The controller is marking the 802.1p tag of 4, the AP switchport has been configured to trust CoS, and the controller\\'s switchport to trust DSCP.

C. The controller is marking the 802.1p tag of 5, the AP switchport has been configured to trust DSCP, and the controller\\'s switchport to trust CoS.

D. The controller is marking the 802.1p tag of 6, the AP switchport has been configured to trust CoS, and the controller\\'s switchport to trust DSCP.

Correct Answer: C

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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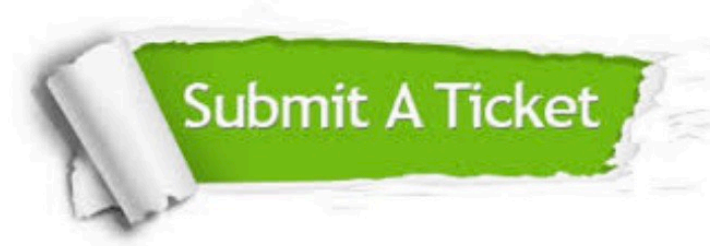
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