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Deploying Cisco Wireless Enterprise Networks

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QUESTION 1

The customer has deployed C7960 phones with clients connected to them. What switch feature could be enabled to distinguish IP voice traffic from client data traffic?

- A. Voice VLAN
- B. QoS routing
- C. WME
- D. Weighted Queuing
- E. QBSS

Answer: A

QUESTION 2

Which show command will show whether a WLAN is locally or centrally switched on a Cisco Wireless Lan Controller?

- A. show ap config general Cisco_AP
- B. show wlan wlan_id
- C. show flexconnect summary
- D. show flexconnect group detail

Answer: B

QUESTION 3

A network engineer is experiencing issues enabling LAG on the WLC. Which four characteristics should be validated to ensure LAG configuration? (Choose four.)

- A. All ports participate in the LAG by default when LAG is enabled on the controller. y
- B. Dynamic interfaces and management are moved to port 1
- C. Primary and secondary ports are needed for each interface.
- D. Multiple untagged interfaces to the same port are not allowed.

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- E. EtherChannel must be configured for mode “on” on the switch.
 - F. Only one functional physical port is needed to continue to pass traffic.
 - G. Multiple LAGs are permitted on the controller.
 - H. The WLC does not need to be rebooted to enable the LAG configuration.

Answer: ADEF

QUESTION 4

A customer requires wireless traffic from the branch to be routed through the firewall at corporate headquarters. There is a RADIUS server in each branch location. Which FlexConnect state should be used in this scenario?

- A. local authentication and local switching
- B. local authentication and central switching
- C. central authentication and central switching
- D. central authentication and local switching

Answer: C

QUESTION 5

After a wireless deployment, users report that wireless voice clients are experiencing an unacceptable amount of delay while roaming during a call on the Cisco Unified 7925 Series phones. The customer environment consists of multiple controllers, all running 7.4.121.0 code, operating in a centralized deployment. What configuration issue is most likely contributing to the problem?

- A. The authentication should be set to WPA2-PSK to allow for 802.11n speeds for the Cisco Unified 7925 phones.
- B. The access points on that floor are all on one controller and should be load balanced evenly across multiple controllers.
- C. The access points for that floor are salt and peppered across multiple controllers and should be moved

to the primary controller.

D. The wireless phones are operating in the 2.4 GHz band and should be configured for the 5 GHz band.

Answer: B

QUESTION 6

A network engineer is debugging issues with the mDNS gateway. Which type of reply should be seen in the Wireshark capture when querying for a mDNS service in the Bonjour Cache?

- A. unicast from Prime Infrastructure
- B. unicast from controller
- C. multicast from devices
- D. multicast from controller
- E. unicast from devices
- F. multicast from Prime Infrastructure

Answer: B

QUESTION 7

A network engineer must configure a 5 GHz network to allow for the greatest density of radios possible with the least amount of co-channel interference. Which configuration best fulfills this requirement?

- A. Set 802.11h Local Power constraint to 25 dBm.
- B. Set DCA to 20 MHz channels and enable Extended UNII-2 channels.
- C. Enable Event Driven RRM in 5 GHz with a sensitivity of High. n
- D. Configure TPC Power Threshold to -80 dBm and set interference Optimal Mode (TPCv2).

Answer: B