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Exam : Cisco 642-741

Title : Implementing Cisco Unified Wireless Voice Networks

1. What two benefits result from Cisco WLC configuration of DCA for 5-GHz VoWLAN deployments? (Choose two.)

- A. Avoid channels with microwave oven noise.
- B. Manually remove channels not supported by the VoWLAN clients.
- C. Avoid 802.11n 40-MHz wide channels.
- D. Automatically avoid nearby radar.

Answer: BD

2. What frame type is used to signal TSPEC reservation from a client?

- A. RSVP
- B. ADDTS
- C. 802.11 association information elements
- D. WMM capabilities exchange

Answer: B

3. On the Cisco Aironet Access Points connected to a Cisco Unified Wireless LAN controller, which TCLAS queue transmits RTP packets with correct 802.11e QoS markings?

- A. UP
- B. VO
- C. VI
- D. BK
- E. BE

Answer: B

4. Which two messages can carry the TSPEC from client to the AP? (Choose two.)

- A. probe request
- B. association request
- C. authentication request
- D. reassociation request

Answer: BD

5. Which two statements are correct regarding multicast implementation using a WLAN controller (v2) and AP? (Choose two.)

- A. Multicast traffic is sent out on Cisco APs at the highest mandatory data rate.
- B. Multicast traffic is sent out on Cisco APs at the highest supported data rate.
- C. On Cisco APs, multicast traffic and beacons are sent out at the same data rates to maintain a common cell size for normal data as well as multicast data.
- D. If there is more than one mandatory data rate, multicast traffic will be sent at the highest mandatory rate and beacons will be sent at the lowest mandatory rate.
- E. On Cisco APs, multicast traffic will be sent out at the highest data rate that a client can maintain with the AP.

Answer: AD

6. Which statement is correct for both the LWAPP and CAPWAP AP upstream 802.1Q tagged wired QoS priority for

a non-WMM-associated client frame that is H-REAP locally switched running v5.2?

- A. Wireless client WMM UP classification is translated to a wired DSCP priority.
- B. Wireless client 802.11p classification is translated to a wired DSCP priority.
- C. Wireless client WMM UP classification is translated to a wired 802.1p CoS priority.
- D. Wireless client 802.11p classification is translated to a wired 802.1p CoS priority.
- E. WLAN configured QoS level is used to set the wired DSCP priority.
- F. Wired 802.1p CoS priority is not set.

Answer: F

7. Which two statements are correct if IGMP snooping is enabled on a Cisco WLC? (Choose two.)

- A. The router IGMP table is updated with the IP address of the wireless clients as the last reporter.
- B. The IGMP packets from the wireless clients are forwarded to the router without modifications.
- C. The IGMP packets from the wireless clients are received at the Cisco WLC, which in turn generates a query for the client.
- D. The IGMP packets from the wireless clients are received at the WLC and are used to update the router via Cisco Group Management Protocol update from the Cisco WLC.
- E. The router IGMP table is updated with the IP address of the Cisco WLC as the last reporter.

Answer: CE

8. Which statement describes the WLCv5.2 delivery of a multicast packet from a wired PC source on VLAN\_X to a respective wireless client using SSID\_X, using a WLAN controller enabled for multicast?

- A. A packet is delivered to Cisco WLC and forwarded via multicast to all of its associated APs, and finally to all wireless clients of that Cisco WLC, via wireless multicast.
- B. A packet is delivered to Cisco WLC and forwarded via unicast to all of its associated APs, and finally to all wireless clients of that Cisco WLC, via wireless unicast.
- C. A packet is delivered to Cisco WLC and forwarded via multicast to all of its associated APs, discarded at APs without SSID\_X joined wireless clients, and forwarded at APs with SSID\_X joined wireless clients via wireless multicast.
- D. A packet is delivered to Cisco WLC and forwarded via unicast to all of its associated APs, discarded at APs without SSID\_X joined wireless clients, and forwarded at APs with SSID\_X joined wireless clients via wireless multicast.
- E. A packet is delivered to Cisco WLC and forwarded via multicast to all of its associated APs, discarded at APs without SSID\_X joined wireless clients, and forwarded at APs with SSID\_X joined wireless clients via wireless unicast.
- F. A packet is delivered to Cisco WLC and forwarded via unicast to all of its associated APs, discarded at APs without SSID\_X joined wireless clients, and forwarded at APs with SSID\_X joined wireless clients via wireless unicast.

Answer: C

9. What must be true about the client before upstream traffic stream metrics can be displayed on the Cisco WLC?

- A. must be Cisco Compatible Extensions version 2
- B. must be Cisco Compatible Extensions version 3
- C. must be Cisco Compatible Extensions version 4
- D. must be associated to a Platinum QoS WLAN
- E. must be associated to an access point on a Cisco WLC with code version 5.0 or newer

Answer: C

10. Which protocol is used by multicast to prevent loops?

- A. OSPF
- B. RIP
- C. RPF
- D. BGP
- E. EIGRP

Answer: C

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