Vendor: Cisco

Exam Code: 642-741

Exam Name: Implementing Cisco Unified Wireless Voice Networks (IUWVN)

Version: DEMO

QUESTION 1
Which protocol is used by multicast to prevent loops?

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

Answer: C

QUESTION 2
Which authentication protocol does H-REAP AP local authentication support in version 5.2?

A. EAP-TLS
B. EAP-PEAP
C. EAP-LEAP
D. EAP-TTLS

Answer: C

QUESTION 3
Which statement is NOT a key QoS recommended requirement for voice bearer traffic?

A. Voice traffic should be marked to DSCP EF per the QoS baseline and RFC3246.
B. Voice traffic loss should be no more than 3%.
C. One-way latency (mouth-to-ear) should be less than 150 msec.
D. Average one way jitter should be targeted to less than 30 msec.
E. 21-320 Kbps of guaranteed priority bandwidth is required per call depending on sample rate, codec, and layer 2 overhead.

Answer: B

QUESTION 4
What is the payload size of a wireless IP phone in a call using G.711 codec?

A. 20 bytes
B. 60 bytes
C. 120 bytes
D. 160 bytes

Answer: D

QUESTION 5
Which three 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

Answer: ACD

QUESTION 6
What is the minimum configuration you must do in order to enable multicast support on the Cisco Wireless LAN Controller v5.2?

A. Enable the IGMP snooping capability and define the IGMP timeout period.
B. Set the Ethernet multicast mode to Enabled, enable the IGMP snooping capability, and define the IGMP timeout period.
C. Set the multicast monitor function to Enabled, enable the IGMP snooping capability, and define the mandatory data rate to the minimum value supported.
D. Set the Ethernet multicast mode to Multicast and define the multicast group address.

Answer: D

QUESTION 7
Which two statements correctly describe a Cisco WLC configuration of Wireless > QoS > Profiles > Wired_QoS_Profiles for an implementation of DSCP or CoS deployment? (Choose two.)

A. It must always be set on all QoS profile types because this sets the type of markings as either CoS or DSCP.
B. It is optional if the Cisco WLC attached switch operates on a trust DSCP model.
C. It must be set if the Cisco WLC attached switch operates on a trust CoS model.
D. It sets the EDCF queue used for the radio-transmitted frames.

Answer: BC

QUESTION 8
What will improve the battery life of a Cisco Unified Wireless IP Phone 7921G?

A. configuring phone to auto select network
B. configuring beacon period to 80 ms
C. configuring DTIM period to 2
D. enabling RRM

Answer: C

QUESTION 9
Which two multicast modes are valid options for use with Ethernet bridging on a mesh AP? (Choose two.)

A. mesh bridge in
B. regular
C. bi-directional bridge
D. in

E. out

Answer: BD

QUESTION 10
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

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