



Vendor: Cisco

Exam Code: 642-742

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

Version: DEMO

QUESTION 1

What protocol can be enabled to listen in on IPv4 multicast streams and maintain a map of what each client requests on a wireless LAN controller?

- A. IGMP
- B. MLD
- C. PAP
- D. ICMP
- E. SIP
- F. NTP

Answer: A

QUESTION 2

Refer to the exhibit. An engineer has performed a debug on wireless voice. Which four conditions can be determined from the information that was gathered? (Choose four.)

```
*Dec 12 01:19:45.106 2009: 00:1e:7a:ba:dc:92 ADD TS from mobile on AP 00:22:90:93:4c:60 slotId 1
up = 6, tid = 6, upsd = 1, mediumTime = 1076, TSRSIE No

wed Jul 22 06:13:14 2009: 00:1e:7a:ba:dc:92 up=6 tsid=6 direc=3
NomMsdusize=208
MaxMsdusize=208
MinServIntvl=0
MaxServIntvl=0
InactIntval=0
MinDataRate=83200
MeanDataRate=83200
PeakDataRate=83200
MinPhyRate=12000000SBA=0x2999
MediumTime=1076
*Dec 12 01:19:45.106 2009: Max stream size is 168000
*Dec 12 01:19:45.106 2009: 2009: Max streams number is 2
*Dec 12 01:19:45.106 2009: 00:1e:7a:ba:dc:92 Can not allocate bw for ms on AP 00:22:90:93:4c:60
slotId 1 ac = 2, assoc = 0, bw_req = 1076, maxBw = 12500, bwAlloc = 10760, roamBw = 750
*Dec 12 01:19:45.106 2009: 00:1e:7a:ba:dc:92 TSPEC from mobile (up = 6), Not enough bandwidth.
*Dec 12 01:19:45.106 2009: 00:1e:7a:ba:dc:92 Sending Failed ADD TS resp to mobile on AP
00:22:90:93:4c:60 slotId 1
```

- A. LBCAC is configured.
- B. Static CAC is configured.
- C. More than 1076 medium times remain.
- D. Less than 1076 medium times remain.
- E. The total number of calls allowed on the VoWLAN is 10.
- F. The total number of calls allowed on the VoWLAN is 15
- G. Increasing the maximum RF bandwidth in the wireless LAN controller could resolve this issue.
- H. Increasing the reserved roaming bandwidth in the wireless LAN controller could resolve this issue.

Answer: BDEG

QUESTION 3

A customer wants FSR and certificate-based authentication. The solution must be simple to deploy. Which method should be used to meet the requirements?

- A. EAP-TLS
- B. PEAP-MSCHAPv2
- C. EAP-FAST
- D. PEAP-MSCHAPv2 machine authentication

Answer: C

QUESTION 4

A network engineer is having wireless multicast fail when it hits the wired network. What command will show the source of multicast groups for troubleshooting?

- A. show ip igmp
- B. show ip mroute
- C. show ip mcache
- D. show ip interface counts
- E. show ip route

Answer: B

QUESTION 5

An engineer is configuring a new VoWLAN and wants only IEEE 802.11g/n to be supported. Which two data rates should be configured? (Choose two.)

- A. 18 Mbps and higher should be supported.
- B. Lower than 24 Mbps should be supported.
- C. Lower than 11 Mbps should be disabled.
- D. 1, 2, 5.5, and 11 Mbps should be disabled.
- E. 11 Mbps should be mandatory.
- F. 6 and 9 Mbps should be supported.
- G. 12 Mbps should be mandatory.

Answer: AG

QUESTION 6

Which two critical requirements must be addressed in the RF site survey for wireless video surveillance? (Choose two.)

- A. packet loss
- B. jitter
- C. bandwidth
- D. channel selection
- E. WLC configuration

Answer: AB

QUESTION 7

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

Answer: B

QUESTION 8

An engineer has been assigned the task of deciding the cell overlap for a wireless voice deployment. Which Cisco measurement recommendation should be considered?

- A. The edge of the cell should be -67 dBm.
- B. One AP should be deployed per 3000 square feet.
- C. The edge of the cell should be below 35 RSSI.
- D. The measurement should be done on the 2.4-GHz band.

Answer: A

QUESTION 9

After enabling global multicast, multicast traffic has been flooding the wired and wireless network. The wireless engineer has been troubleshooting and is attempting to find the source of the traffic. What command will display the multicast traffic source as well as the incoming interface?

- A. show ip mroute
- B. show ip igmp groups
- C. show ip pim neighbor
- D. show ip device tracking all

Answer: A

QUESTION 10

A network engineer wants the DSCP marking to align with the 802.11e access category video. What will this marking be?

- A. 4
- B. 34
- C. 5
- D. AF31

Answer: B

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