Cisco

Exam Questions 300-430

Implementing Cisco Enterprise Wireless Networks (ENWLSI)

NEW QUESTION 1
An engineer configures the wireless LAN controller to perform 802.1x user authentication. Which configuration must be enabled to ensure that client devices can connect to the wireless, even when WLC cannot communicate with the RADIUS?

A. pre-authentication
B. local EAP
C. authentication caching
D. Cisco Centralized Key Management

Answer: B

NEW QUESTION 2
Which QoS level is recommended for guest services?

A. gold
B. bronze
C. platinum
D. silver

Answer: B

NEW QUESTION 3
An engineer must use Cisco AVC on a Cisco WLC to prioritize Cisco IP cameras that use the wireless network. Which element do you configure in a rule?

A. permit-ACL
B. WMM required
C. mark
D. rate-limit

Answer: C

NEW QUESTION 4
Which three properties are used for client profiling of wireless clients? (Choose three.)

A. HTTP user agent
B. DHCP
C. MAC OUI
D. hostname
E. OS version
F. IP address

Answer: ABC

NEW QUESTION 5
Which command set configures a Cisco Catalyst 9800 Series Wireless Controller so that the client traffic enters the network at the AP switch port?
A.
```
config terminal
wireless profile policy [policy name]
local switching
end
```
B.
```
config terminal
wireless flexconnect policy [policy name]
local switching
end
```

A.
```
config terminal
wireless flexconnect policy [policy name]
no central switching
end
```
B.
```
config terminal
wireless profile policy [policy name]
no central switching
end
```
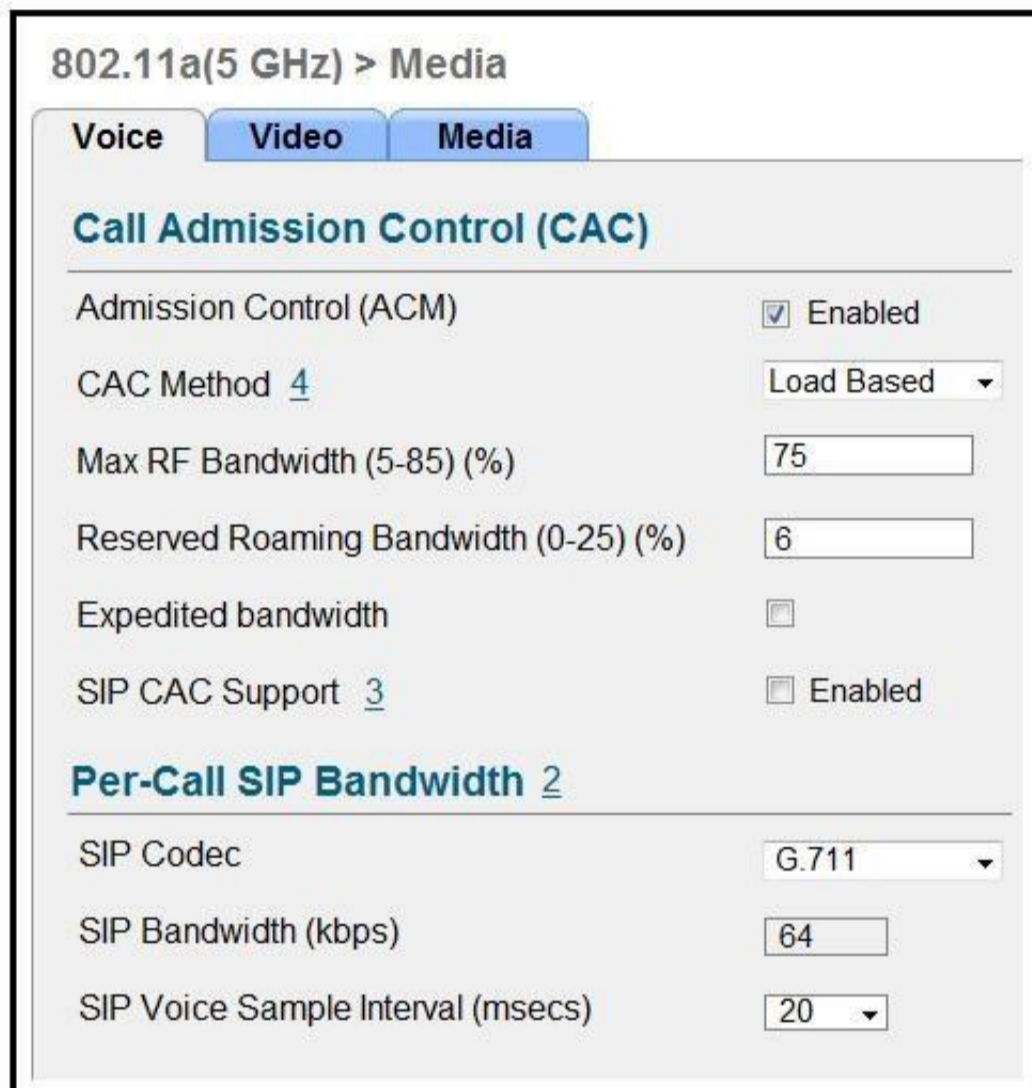
Answer: B

NEW QUESTION 6
What is the difference between PIM sparse mode and PIM dense mode?

A. Sparse mode supports only one switc
B. Dense mode supports multiswitch networks.
C. Sparse mode flood
D. Dense mode uses distribution trees.
E. Sparse mode uses distribution tree
F. Dense mode floods.
G. Sparse mode supports multiswitch network
H. Dense mode supports only one switch.

Answer: C

NEW QUESTION 7
Refer to the exhibit.

Which two items must be supported on the VoWLAN phones to take full advantage of this WLAN configuration? (Choose two.)

A. TSPEC
B. SIFS
C. 802.11e
D. WMM
E. APSD

Answer: CD

NEW QUESTION 8
A user is trying to connect to a wireless network that is configured for WPA2-Enterprise security using a corporate laptop. The CA certificate for the authentication server has been installed on the Trusted Root Certification Authorities store on the laptop. The user has been prompted to enter the credentials multiple times, but the authentication has not succeeded. What is causing the issue?

A. There is an IEEE invalid 802.1X authentication policy on the authentication server.
B. The user Active Directory account is locked out after several failed attempts.
C. There is an invalid 802.1X authentication policy on the authenticator.
D. The laptop has not received a valid IP address from the wireless controller.

Answer: C

NEW QUESTION 9
For security purposes, an engineer enables CPU ACL and chooses an ACL on the Security > Access Control Lists > CPU Access Control Lists menu. Which kind of traffic does this change apply to, as soon as the change is made?

A. wireless traffic only
B. wired traffic only
C. VPN traffic
D. wireless and wired traffic

Answer: A

NEW QUESTION 10
What is the maximum time range that can be viewed on the Cisco DNA Center issues and alarms page?

A. 3 hours
B. 24 hours
C. 3 days
D. 7 days

Answer: B

NEW QUESTION 10
What is the default NMSP echo interval between Cisco MSE and a Wireless LAN Controller?

A. 10 seconds
B. 15 seconds
C. 30 seconds
D. 60 seconds

Answer: B

Explanation:
Reference: https://www.cisco.com/en/US/docs/wireless/mse/3350/6.0/CAS/configuration/guide/msecg_ch4_CAS.html

NEW QUESTION 15
An engineer configures a Cisco Aironet 600 Series OfficeExtend AP for a user who works remotely. What is configured on the Cisco WLC to allow the user to print a printer on his home network?

A. split tunneling
B. SE-connect
C. FlexConnect
D. AP failover priority

Answer: A

Explanation:
Reference: https://www.cisco.com/c/en/us/support/docs/wireless/aironet-602-officeextend-access-point/117540-configure-splittunneloeap-00.html

NEW QUESTION 17
An engineer is following the proper upgrade path to upgrade a Cisco AireOS WLC from version 7.3 to 8.9. Which two ACLs for Cisco CWA must be configured when upgrading from the specified codes? (Choose two.)

A. Permit 0.0.0.0 0.0.0.0 UDP any any
B. Permit 0.0.0.0 0.0.0.0 any DNS any
C. Permit 0.0.0.0 0.0.0.0 UDP DNS any
D. Permit 0.0.0.0 0.0.0.0 UDP any DNS
E. Permit any any any

Answer: AD

NEW QUESTION 18
Which three characteristics of a rogue AP pose a high security risk? (Choose three.)

A. open authentication
B. high RSSI
C. foreign SSID
D. accepts clients
E. low RSSI
F. distant location

Answer: ACD

NEW QUESTION 22
An engineer is configuring multicast for wireless for an all-company video meeting on a network using EIGRP and BGP within a single domain from a single source. Which type of multicast routing should be implemented?

A. Protocol Independent Multicast Dense Mode
B. Source Specific Multicast
C. Multicast Source Discovery Protocol
D. Protocol Independent Multicast Sparse Mode

Answer: D

NEW QUESTION 27
Refer to the exhibit. A network administrator deploys the DHCP profiler service in two ISE servers: 10.3.10.101 and 10.3.10.102. All BYOD devices connecting to WLAN on VLAN63 have been incorrectly profiled and are assigned as unknown profiled endpoints. Which action efficiently rectifies the issue according to Cisco

recommendations?

```
(Cisco WLC) >show dhcp proxy

DHCP ProxyBehaviour: enabled

!
interface Vlan63
  ip address 10.10.63.252/22
  description Dot1x_BYOD
  no shutdown
!
```

A. Nothing needed to be added on the Cisco WLC or VLAN interfac
B. The ISE configuration must be fixed.
C. Disable DHCP proxy on the Cisco WLC.
D. Disable DHCP proxy on the Cisco WLC and run the ip helper-address command under the VLAN interface to point to DHCP and the two ISE servers.
E. Keep DHCP proxy enabled on the Cisco WLC and define helper-address under the VLAN interface to point to the two ISE servers.

Answer: C

NEW QUESTION 32
Where is a Cisco OEAP enabled on a Cisco Catalyst 9800 Series Wireless Controller?

A. RF Profile
B. Flex Profile
C. Policy Profile
D. AP Join ProfileCorrect

Answer: B

Explanation:
Reference: https://www.cisco.com/c/en/us/td/docs/wireless/controller/9800/config-guide/b_wl_16_10_cg/flexconnect.html

NEW QUESTION 35
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