Cisco

Exam Questions 300-430

Implementing Cisco Enterprise Wireless Networks (ENWLSI)

NEW QUESTION 1
A wireless engineer must implement a corporate wireless network for a large company in the most efficient way possible. The wireless network must support 32 VLANs for 300 employees in different departments. Which solution must the engineer choose?

A. Configure a second WLC to support half of the APs in the deployment.
B. Configure one single SSID and implement Cisco ISE for VLAN assignment according to different user roles.
C. Configure different AP groups to support different VLANs, so that all of the WLANs can be broadcast on both radios.
D. Configure 16 WLANs to be broadcast on the 2.4-GHz band and 16 WLANs to be broadcast on the 5.0-GHz band.

Answer: B

NEW QUESTION 2
Which two restrictions are in place with regards to configuring mDNS? (Choose two.)

A. mDNS uses only UDP port 5436 as a destination port.
B. mDNS cannot use UDP port 5353 as the destination port.
C. mDNS is not supported on FlexConnect APs with a locally switched WLAN.
D. Controller software must be newer than 7.0.6+.
E. mDNS is not supported over IPv6.

Answer: CD

NEW QUESTION 3
An engineer wants to configure WebEx to adjust the precedence and override the QoS profile on the WLAN. Which configuration is needed to complete this task?

A. Change the WLAN reserved bandwidth for WebEx
B. Create an AVC profile for WebEx
C. Create an ACL for WebEx
D. Change the AVC application WebEx-app-sharing to mark

Answer: B

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
An engineer wants the wireless voice traffic class of service to be used to determine the queue order for packets received, and then have the differentiated services code point set to match when it is resent to another port on the switch. Which configuration is required in the network?

A. Platinum QoS configured on the WLAN
B. WMM set to required on the WLAN
C. msl qos trust dscp configured on the controller switch port
D. msl qos trust cos configured on the controller switch port

Answer: C

NEW QUESTION 7
The IT manager is asking the wireless team to get a report for all guest user associations during the past two weeks. In which two formats can Cisco Prime save this report? (Choose two.)

A. CSV
B. PDF
C. XLS
D. DOC
E. plain text

Answer: AB

Explanation:
Reference: https://www.cisco.com/c/en/us/td/docs/net_mgmt/prime/infrastructure/3-2/user/guide/bk_CiscoPrimeInfrastructure_3_2_0_UserGuide/bk_CiscoPrimeInfrastructure_3_2_0_UserGuide_chapter_01010.html

NEW QUESTION 8
Which devices can be tracked with the Cisco Context Aware Services?

A. wired and wireless devices
B. wireless devices
C. wired devices
D. Cisco certified wireless devices

Answer: A

Explanation:
Reference: https://www.cisco.com/c/en/us/support/docs/wireless/context-aware-software/110836-cas-faq.html

NEW QUESTION 9
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 10
Where is Cisco Hyperlocation enabled on a Cisco Catalyst 9800 Series Wireless Controller web interface?

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

Answer: B

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

NEW QUESTION 14
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 15
CMX Facebook Wi-Fi allows access to the network before authentication. Which two elements are available? (Choose two.)

A. Allow HTTP traffic only before authentication and block all the traffic.
B. Allow all the traffic before authentication and intercept HTTPS only.
C. Allow HTTPs traffic only before authentication and block all other traffic.
D. Allow all the traffic before authentication and intercept HTTP only.
E. Allow SNMP traffic only before authentication and block all the traffic.

Answer: CD

Explanation:
Reference: https://www.cisco.com/c/en/us/td/docs/wireless/mse/8-0/CMX_Connect_Engage_Visitor_Connect/Guide/Cisco_CMX_Connect_Engage_Config_Guide_VC/CMX_Facebook_Wi-Fi.html

NEW QUESTION 19
A wireless engineer needs to implement client tracking. Which method does the angle of arrival use to determine the location of a wireless device?

A. received signal strength
B. triangulation
C. time distance of arrival
D. angle of incidence

Answer: D

Explanation:
Reference: https://www.cisco.com/c/en/us/td/docs/solutions/Enterprise/Mobility/WiFiLBS-DG/wifich2.html

NEW QUESTION 21
Which AP model of the Cisco Aironet Active Sensor is used with Cisco DNA Center?

A. 1800s
B. 3600e
C. 3800s
D. 4800i

Answer: A

NEW QUESTION 25
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 28
During the EAP process and specifically related to the client authentication session, which encrypted key is sent from the RADIUS server to the access point?

A. WPA key
B. session key
C. encryption key
D. shared-secret key

Answer: B

NEW QUESTION 29
What is an important consideration when implementing a dual SSID design for BYOD?

A. After using the provisioning SSID, an ACL that used to make the client switch SSIDs forces the user to associate and traverse the network by MAC filtering.

B. If multiple WLCs are used, the WLAN IDs must be exact for the clients to be provisioned and traverse the network correctly.
C. SSIDs for this setup must be configured with NAC State-RADIUS NAC for the clients to authenticate with Cisco ISE, or with NAC State-ISE NAC for Cisco ISE to associate the client.
D. One SSID is for provisioning and the other SSID is for gaining access to the networ
E. The use of an ACL should not be enforced to make the client connect to the REAL SSID after provisioning.

Answer: D

NEW QUESTION 31
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
Which statement about the VideoStream/Multicast Direct feature is true?

A. IP multicast traffic is reliable over WLAN by default as defined by the IEEE 802.11 wireless multicast delivery mechanism.
B. Each VideoStream client acknowledges receiving a video IP multicast stream.
C. It converts the unicast frame to a multicast frame over the air.
D. It makes the delivery of the IP multicast stream less reliable over the air, but reliable over Ethernet.

Answer: B

Explanation:
Reference: https://www.cisco.com/c/en/us/td/docs/wireless/controller/8-1/configuration-guide/b_cg81/multicast_broadcast_setup.html

NEW QUESTION 35
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