

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 feature on the Cisco Wireless LAN Controller must be present to support dynamic VLAN mapping?

- A. FlexConnect ACL
- B. VLAN name override
- C. CCKM/OKC
- D. AAA override

Answer: D

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

What is the difference between PIM sparse mode and PIM dense mode?

- A. Sparse mode supports only one switch
- 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 5

An engineer completed the basic installation for two Cisco CMX servers and is in the process of configuring high availability, but it fails. Which two statements about the root of the issue are true? (Choose two.)

- A. The Cisco CMX instances are installed in the same subnet.
- B. The types of the primary and secondary Cisco CMX installations differ.
- C. The delay between the primary and secondary instance is 200 ms.
- D. The sizes of the primary and secondary Cisco CMX installations differ.
- E. Both Cisco CMX installations are virtual.

Answer: BD

NEW QUESTION 6

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 7

All APs are receiving multicast traffic, instead of only the APs that need it. What is the cause of this problem?

- A. The multicast group includes all APs

- B. The wrong multicast address was used
- C. The multicast group is assigned the wrong VLAN
- D. Multicast IGMP snooping is not enabled

Answer: D

NEW QUESTION 8

An IT team is growing quickly and needs a solution for management device access. The solution must authenticate users from an external repository instead of the current local on the WLC, and it must also identify the user and determine what level of access users should have. Which protocol do you recommend to achieve these goals?

- A. network policy server
- B. RADIUS
- C. TACACS+
- D. LDAP

Answer: C

NEW QUESTION 9

Which two steps are needed to complete integration of the MSE to Cisco Prime Infrastructure and be able to track the location of clients/rogues on maps? (Choose two.)

- A. Synchronize access points with the MSE.
- B. Add the MSE to Cisco Prime Infrastructure using the CLI credentials.
- C. Add the MSE to Cisco Prime Infrastructure using the Cisco Prime Infrastructure communication credentials configured during set up.
- D. Apply a valid license for Wireless Intrusion Prevention System.
- E. Apply a valid license for location tracking.

Answer: DE

NEW QUESTION 10

An engineer is performing a Cisco Hyperlocation accuracy test and executes the cmxloc start command on Cisco CMX. Which two parameters are relevant? (Choose two.)

- A. X, Y real location
- B. client description
- C. AP name
- D. client MAC address
- E. WLC IP address

Answer: AD

NEW QUESTION 10

A network engineer observes a spike in controller CPU overhead and overall network utilization after multicast is enabled on a controller with 500 APs. Which feature connects the issue?

- A. controller IGMP snooping
- B. multicast AP multicast mode
- C. broadcast forwarding
- D. unicast AP multicast mode

Answer: B

NEW QUESTION 12

Refer to the exhibit. An engineer must connect a fork lift via a WGB to a wireless network and must authenticate the WGB certificate against the RADIUS server. Which three steps are required for this configuration? (Choose three.)

D. mDNS

Answer: B

NEW QUESTION 34

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 35

A customer is experiencing performance issues with its wireless network and asks a wireless engineer to provide information about all sources of interference and their impacts to the wireless network over the past few days. Where can the requested information be accessed?

- A. CleanAir reports on Cisco Prime Infrastructure
- B. Performance reports on Cisco Prime Infrastructure
- C. Interference Devices reports on Cisco Wireless LAN Controller
- D. Air Quality reports on Cisco Wireless LAN Controller

Answer: A

NEW QUESTION 40

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 41

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 43

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 48

An engineer must configure a Cisco WLC to support Cisco Aironet 600 Series OfficeExtend APs. Which two Layer 2 security options are supported in this environment? (Choose two.)

- A. Static WEP + 802.1X
- B. WPA+WPA2
- C. Static WEP

- D. CKIP
- E. 802.1X

Answer: BC

NEW QUESTION 52

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 network.
- 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 57

Which two protocols are used to communicate between the Cisco MSE and the Cisco Prime Infrastructure network management software? (Choose two.)

- A. HTTPS
- B. Telnet
- C. SOAP
- D. SSH
- E. NMSP

Answer: AE

NEW QUESTION 62

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 64

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 67

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