

300-430 Dumps

Implementing Cisco Enterprise Wireless Networks (ENWLSI)

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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

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 3

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 4

Which two statements about the requirements for a Cisco Hyperlocation deployment are true? (Choose two.)

- A. After enabling Cisco Hyperlocation on Cisco CMX, the APs and the wireless LAN controller must be restarted.
- B. NTP can be configured, but that is not recommended.
- C. The Cisco Hyperlocation feature must be enabled on the wireless LAN controller and Cisco CMX.
- D. The Cisco Hyperlocation feature must be enabled only on the wireless LAN controller.
- E. If the Cisco CMX server is a VM, a high-end VM is needed for Cisco Hyperlocation deployments.

Answer: AC

NEW QUESTION 5

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 6

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 7

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 8

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 9

An engineer must implement Cisco Identity-Based Networking Services at a remote site using ISE to dynamically assign groups of users to specific IP subnets. If the subnet assigned to a client is available at the remote site, then traffic must be offloaded locally, and subnets are unavailable at the remote site must be tunneled back to the WLC. Which feature meets these requirements?

- A. learn client IP address
- B. FlexConnect local authentication
- C. VLAN-based central switching
- D. central DHCP processing

Answer: C

NEW QUESTION 10

Which two events are outcomes of a successful RF jamming attack? (Choose two.)

- A. disruption of WLAN services
- B. unauthentication association
- C. deauthentication broadcast
- D. deauthentication multicast
- E. physical damage to AP hardware

Answer: AE

NEW QUESTION 10

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 13

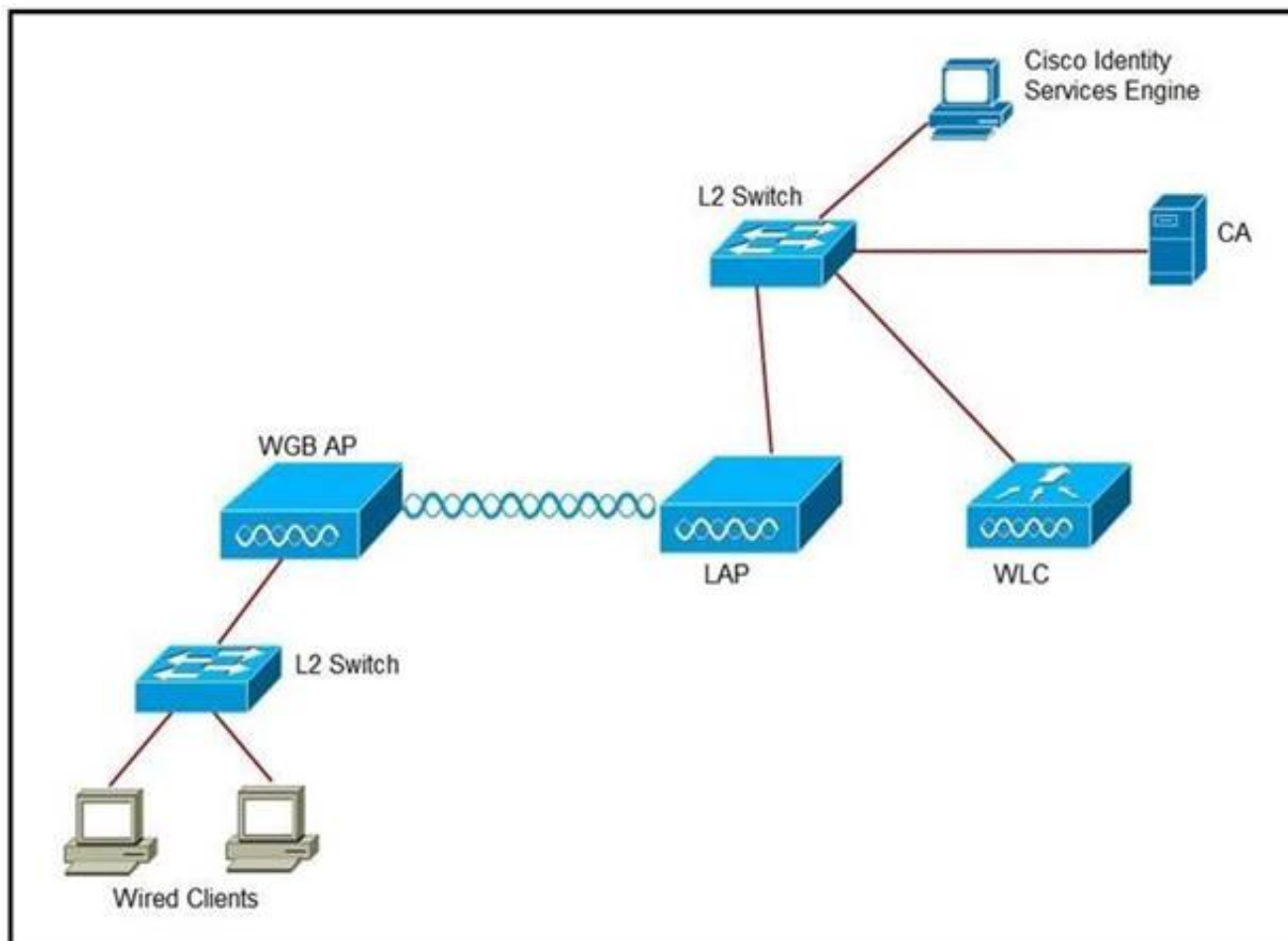
An engineer is performing a Cisco Hyperlocation accuracy test and executes the cmxloc start command on Cisco CMX. Which two parameters are relevant? (Choose two.)

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

Answer: AD

NEW QUESTION 14

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.)



- A. Configure the certificate, WLAN, and radio interface on WGB.
- B. Configure the certificate on the WLC.
- C. Configure WLAN to authenticate using ISE.
- D. Configure the access point with the root certificate from ISE.
- E. Configure WGB as a network device in ISE.
- F. Configure a policy on ISE to allow devices to connect that validate the certificate.

Answer: ACF

NEW QUESTION 19

What is the default IEEE 802.1x AP authentication configuration on a Cisco Catalyst 9800 Series Wireless Controller?

- A. EAP-PEAP with 802.1x port authentication
- B. EAP-TLS with 802.1x port authentication
- C. EAP-FAST with CAPWAP DTLS + port authentication
- D. EAP-FAST with CAPWAP DTLS

Answer: C

NEW QUESTION 22

When using a Cisco Catalyst 9800 Series Wireless Controller, which statement about AutoQoS is true?

- A. It has a set of predefined profiles that you cannot modify further
- B. It matches traffic and assigns each matched packet to QoS groups
- C. It automates deployment of wired QoS and makes wireless QoS implementation easier
- D. It allows the output policy map to put specific QoS queues into specific subgroups

Answer: B

NEW QUESTION 25

An engineer is implementing a FlexConnect group for access points at a remote location using local switching but central DHCP. Which client feature becomes available only if this configuration is changed?

- A. multicast
- B. static IP
- C. fast roaming
- D. mDNS

Answer: B

NEW QUESTION 27

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 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 32

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