



**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

A corporation has recently implemented a BYOD policy at their HQ. Which two risks should the security director be concerned about? (Choose two.)

- A. network analyzers
- B. malware
- C. lost and stolen devices
- D. keyloggers
- E. unauthorized users

**Answer: BC**

#### NEW QUESTION 3

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 4

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 5

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 6

An engineer must implement rogue containment for an SSID. What is the maximum number of APs that should be used for containment?

- A. 1
- B. 2
- C. 3
- D. 4

**Answer: D**

#### Explanation:

Reference: [https://www.cisco.com/c/en/us/td/docs/wireless/technology/roguedetection\\_deploy/Rogue\\_Detection.html](https://www.cisco.com/c/en/us/td/docs/wireless/technology/roguedetection_deploy/Rogue_Detection.html)

#### NEW QUESTION 7

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 8

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 9

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

#### NEW QUESTION 10

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](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 15

An engineer is implementing Cisco Identity-Based Networking on a Cisco AireOS controller. The engineer has two ACLs on the controller. The first ACL, named BASE\_ACL, is applied to the corporate\_clients interface on the WLC, which is used for all corporate clients. The second ACL, named HR\_ACL, is referenced by ISE in the Human Resources group policy. What is the resulting ACL when a Human Resources user connects?

- A. HR\_ACL appended with BASE\_ACL
- B. HR\_ACL only
- C. BASE\_ACL appended with HR\_ACL
- D. BASE\_ACL only

**Answer:** B

#### NEW QUESTION 18

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 23

A FlexConnect remote office deployment is using five 2702i APs indoors and two 1532i APs outdoors. When a code upgrade is performed and FlexConnect Smart AP Image Upgrade is leveraged, but no FlexConnect Master AP has been configured, how many image transfers between the WLC and APs will occur?

- A. 1
- B. 2
- C. 5
- D. 7

Answer: B

#### NEW QUESTION 26

Refer to the exhibit. An engineer is creating an ACL to restrict some traffic to the WLC CPU. Which selection must be made from the direction drop-down list?



Access Control Lists > Rules > New

Sequence	<input type="text"/>
Source	<input type="text" value="Any"/>
Destination	<input type="text" value="Any"/>
Protocol	<input type="text" value="Any"/>
DSCP	<input type="text" value="Any"/>
Direction	<input type="text" value="Any"/>
Action	<input type="text" value="Any"/>

- A. It must be Inbound because traffic goes to the WLC.
- B. Packet direction has no significance; it is always Any.
- C. It must be Outbound because it is traffic that is generated from the WLC.
- D. To have the complete list of options, the CPU ACL must be created only by the CLI.

Answer: A

#### NEW QUESTION 30

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 34

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 37

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 interface
- 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 40

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

#### NEW QUESTION 45

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