

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 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 4

Which QoS level is recommended for guest services?

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

Answer: B

NEW QUESTION 5

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 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

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 8

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 9

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 10

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 10

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 15

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

NEW QUESTION 18

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 19

When implementing self-registration for guest/BYOD devices, what happens when an employee tries to connect four devices to the network at the same time?

- A. The last device is removed and the newly added device is updated as active device.
- B. The registration is allowed, but only one device is connected at any given time.
- C. All devices are allowed on the network simultaneously.
- D. Purge time dictates how long a device is registered to the portal.

Answer: B

NEW QUESTION 24

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 25

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 30

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 35

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 38

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 39

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

Source

Destination

Protocol

DSCP

Direction

Action

- 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 42

Branch wireless users report that they can no longer access services from head office but can access services locally at the site. New wireless users can associate to the wireless while the WAN is down. Which three elements (Cisco FlexConnect state, operation mode, and authentication method) are seen in this scenario? (Choose three.)

- A. authentication-local/switch-local
- B. WPA2 personal
- C. authentication-central/switch-central
- D. lightweight mode
- E. standalone mode
- F. WEB authentication

Answer: ABE

NEW QUESTION 45

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 46

Which component must be integrated with Cisco DNA Center to display the location of a client that is experiencing connectivity issues?

- A. Cisco Hyperlocation Module
- B. Wireless Intrusion Prevention System
- C. Cisco Connected Mobile Experiences
- D. Cisco Mobility Services Engine

Answer: A

NEW QUESTION 47

An engineer configured a Cisco AireOS controller with two TACACS+ servers. The engineer notices that when the primary TACACS+ server fails, the WLC starts using the secondary server as expected, but the WLC does not use the primary server again until the secondary server fails or the controller is rebooted. Which cause of this issue is true?

- A. Fallback is enabled
- B. Fallback is disabled
- C. DNS query is disabled
- D. DNS query is enabled

Answer: B

NEW QUESTION 50

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 55

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 59

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