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 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 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
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.

B.

Answer: B

NEW QUESTION 6
Refer to the exhibit.

Which two items must be supported on the VoWLAN phones to take full advantage of this WLAN configuration? (Choose two.)

A. TSPEC
B. SIFS
C. 802.11e
D. WMM
E. APSD

Answer: CD

NEW QUESTION 7
A new MSE with wIPS service has been installed and no alarm information appears to be reaching the MSE from controllers. Which protocol must be allowed to reach the MSE from the controllers?

A. SOAP/XML
B. NMSP
C. CAPWAP
D. SNMP

Answer: A

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
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 10
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 13
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 18
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 20
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 22
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 27
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 31
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 36
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 37
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 42
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 46
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 49
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
A Cisco WLC has been added to the network and Cisco ISE as a network device, but authentication is failing. Which configuration within the network device configuration should be verified?

A. SNMP RO community
B. device interface credentials
C. device ID
D. shared secret

Answer: D

NEW QUESTION 54
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 59
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 61
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