Cisco

Exam Questions 300-430

Implementing Cisco Enterprise Wireless Networks (ENWLSI)

NEW QUESTION 1
Which QoS level is recommended for guest services?

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

Answer: B

NEW QUESTION 2
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 3
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 4
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.
```
config terminal
wireless profile policy [policy name]
local switching
end
```
B.
```
config terminal
wireless flexconnect policy [policy name]
local switching
end
```

A.
```
config terminal
wireless flexconnect policy [policy name]
no central switching
end
```
B.
```
config terminal
wireless profile policy [policy name]
no central switching
end
```

Answer: B

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
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 7
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 8
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 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
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 12
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

NEW QUESTION 13
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 18
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 23
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 27
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 32
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 37
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 41
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 44
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 49
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 52
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 53
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 56
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