Vendor: Cisco

Exam Code:300-430

Exam Name: Implementing Cisco Enterprise Wireless
Networks (ENWLSI)

Version: Demo

QUESTION 1

Refer to the exhibit.

```
(Test-1) >show network summary
RF-Network Name.............................. Test-1
Web Mode..................................... Disable
Secure Web Mode.............................. Enable
Secure Web Mode Cipher-Option High.......... Disable
Secure Web Mode Cipher-Option SSLv2......... Disable
Secure Web Mode RC4 Cipher Preference....... Disable
OCSP......................................... Disabled
OCSP responder URL..........................
Secure Shell (ssh)........................... Enable
Telnet....................................... Disable
Ethernet Multicast Forwarding............... Disable
Ethernet Broadcast Forwarding............... Disable
IPv4 AP Multicast/Broadcast Mode............ Unicast
IGMP snooping................................ Disabled
IGMP timeout................................. 60 seconds
IGMP Query Interval.......................... 20 seconds
MLD snooping................................. Disabled
MLD timeout.................................. 60 seconds
MLD query interval........................... 20 seconds
User Idle Timeout............................ 3600 seconds
ARP Idle Timeout............................. 3600 seconds
Cisco AP Default Master...................... Disable
AP Join Priority............................. Disable

WebPortal Online Client ..................... 0
mDNS snooping................................ Disabled
mDNS Query Interval.......................... 15 minutes

(Test-1) >show mdns service summary
Number of Services............................... 5

Service-Name                      LSS    Origin      No SP    Service-string
---------------------------------- ----  ----------- -----    ----------------
AirPrint                          No     All         0        _ipp._tcp.local.
AppleTV                           No     All         0        _airplay._tcp.local.
HP_Photosmart_Printer_1           No     All         0        _universal._sub._ipp.
_tcp.local.
HP_Photosmart_Printer_2           No     All         0        _cups._sub._ipp._tcp.
local.
Printer                           No     All         0        _printer._tcp.local.
```

An engineer configured a BYOD policy that allows for printing on the WLAN using Bonjour services. However, the engineer cannot get printing to work. The WLC firmware is 8.x. What must be implemented on the controller?

A. Enable mDNS and IGMP snooping.

B. Activate location-specific services.

C. Configure Secure Web Mode Cipher-Option SSLv2.

D. Increase the IGMP Query Interval value

Correct Answer: A

To apply mDNS policy, mDNS snooping is required. https://www.cisco.com/c/en/us/td/docs/wireless/controller/8-5/config-guide/b_cg85/multicast_broadcast_setup.html#concept_D4C479155D1A4024804CA7230E939D87

QUESTION 2

An engineer is deploying a virtual MSE. The network has 3000 APs and needs 7000 IPS licenses. To which size server does the engineer scale it?

A. virtual

B. standard

C. high end

D. low end

Correct Answer: C

QUESTION 3

After installing and configuring Cisco CMX, an administrator must change the NTP server on the Cisco CMX server. Which action accomplishes this task?

A. Manually edit /etc/ntp.conf using an XML editor before restarting the server by using service restart all services.

B. Log in to the Cisco CMX CLI and issue set ntp server NTP IP where NTP IP is the IP of the NTP server.

C. Manually edit /etc/ntp.conf as the admin user before restarting ntpd by using service ntpd restart.

D. Log in to the Cisco CMX GUI as the administrator and type the IP address of the NTP server in System tab > Settings> TimeZone/NTP.

Correct Answer: C

Reference: https://www.cisco.com/c/en/us/support/docs/wireless/connected-mobile-experiences/200906-Troubleshooting-CMX-connectivity-with-WL.pdf

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QUESTION 4

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

Correct Answer: ACD

QUESTION 5

An engineer just added anew MSE to Cisco Prime Infrastructure and wants to synchronize the MSE with the Cisco 5520 WLC, which is located behind a firewall in a DMZ. It is noticed that NMSP messages are failing between the two devices. Which traffic must be allowed on the firewall to ensure that the MSE and WLC can communicate using NMSP?

A. TCP 1613

B. UDP 16113

C. TCP 16113

D. UDP 1613

Correct Answer: C

QUESTION 6

An engineer must achieve the highest level of location accuracy possible for a new mobile application. Which technology must be implemented for this use case?

A. Time Difference of Arrival

B. Bluetooth Low Energy

C. RSS lateration

D. ToA lateration

Correct Answer: A

QUESTION 7

A network administrator just completed the basic implementation of Cisco CMX and tries to implement location tracking. The administrator is having trouble establishing connectivity between one of the WLCs through NMSP. What must be configured to establish this connectivity? (Choose two.)

A. Add permanent licenses on the Cisco CMX server.

B. Allow on the firewall port 16113 between Cisco CMX and the WLC.

C. Enable NMSP on the WLC.

D. Reboot Cisco CMX after adding the WLC for the first time.

E. Add to the WLC the MAC address and SSC key for the Cisco CMX server.

Correct Answer: BC

QUESTION 8

Refer to the exhibit.

What is the reason that the wireless client cannot get the RUN state?

A. It has no communication with Cisco ISE.

B. An authentication error has occurred.

C. It is not getting the IP address.

D. Because of central switching, the AP must reach the Cisco ISE directly.

Correct Answer: C

QUESTION 9

An engineer has configured passive fallback mode for RADIUS with default timer settings. What will occur when the primary RADIUS fails then recovers?

A. RADIUS requests will be sent to the secondary RADIUS server until the secondary fails to respond.

B. The controller will immediately revert back after it receives a RADIUS probe from the primary server.

C. After the inactive time expires the controller will send RADIUS to the primary.

D. Once RADIUS probe messages determine the primary controller is active the controller will revert back to the primary

RADIUS.

Correct Answer: C

QUESTION 10

An IT department receives a report of a stolen laptop and has information on the MAC address of the laptop. Which two settings must be set on the wireless infrastructure to determine its location? (Choose two.)

A. Location History for Visitors must be enabled on the MSE.

B. Location History for Clients must be enabled on the MSE.

C. Location History for Rogue APs and Rogue Clients must be enabled on the MSE.

D. Client location tracking must be enabled on the MSE.

E. Tracking optimization must be enabled on the WLC.

Correct Answer: AE

QUESTION 11

A corporation has a wireless network where all access points are configured in FlexConnect. The WLC has a Data WLAN and a VoWiFi WLAN implemented where centrally-switched is configured for the APs. Which QoS configuration must be implemented for the wireless packets to maintain the marking across the wired and wireless network?

A. Enable CAC

B. Trust DSCP

C. Set QoS to Platinum

D. Allow WMM

Correct Answer: B

WMM is WiFi Multimedia Qos, the question was which feature provides for wireless and WIRED

QUESTION 12

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

Correct Answer: D