300-430^{Q&As}

Implementing Cisco Enterprise Wireless Networks (ENWLSI)

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QUESTION 1

An engineer added more APs to newly renovated areas in building. The engineer is now receiving Out-of-Sync alarms on Cisco Prime Infrastructure. Which two actions resolve this issue? (Choose two.)

A. Manually synchronize from Cisco Prime Infrastructure.

B. Manually synchronize from MSE.

C. Enable automatic synchronization on Cisco Prime Infrastructure.

D. Enable automatic synchronization on MSE.

E. Add new APs to maps on Cisco Prime Infrastructure.

Correct Answer: BD

ref: https://www.cisco.com/c/en/us/td/docs/net_mgmt/prime/infrastructure/3-5/user/guide/bk_CiscoPrimeInfrastructure_3_5_0_UserGuide/bk_CiscoPrimeInfrastructure_3_5_0_UserGuide_chapter_0100110.html#con_1301578:~:text=NEs%20with%20MSE-,Set%20Up%20Synchronization%20Between%20MSE%20Databases%20and%20Product%20Database,-Manual%20synchronization%20of

QUESTION 2

A network engineer wants to implement QoS across the network that support multiple VLANs. All the Aps are connected to switch ports and are configured in local mode. Which trust model must be configured on the switch ports to which the Aps are connected?

A. CoS

B. IPP

C. WMM UP

D. DSCP

Correct Answer: D

QUESTION 3

DRAG DROP

A wireless engineer wants to schedule monthly security reports in Cisco Prime infrastructure. Drag and drop the report the from the left onto the expected results when the report is generated on the right.

Select and Place:

Adaptive wIPS Alarm Summary	Displays a summarized count of all rogue access points on your network
Adhoc Rogue Count Summary	Displays a summary of security alarm trends over a period of time
Rogue AP Count Summary	Displays a summarized count of all ad hoc rogue access points
Security Alarm Trending Summary	Displays a summary of all adaptive wIPS alarms on your network

Correct Answer:

	Rogue AP Count Summary
	Security Alarm Trending Summary
	Adhoc Rogue Count Summary
	Adaptive wIPS Alarm Summary

QUESTION 4

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

Correct Answer: D

(7 Days is the max, you can select)

https://www.cisco.com/c/en/us/td/docs/cloud-systems-management/network-automation-and-management/dna-center-assurance/1-2-10/b_cisco_dna_assurance_1_2_10_ug/b_cisco_dna_assurance_1_2_10_ug_chapter_01
101.html#task_e1s_qn2_ycb

QUESTION 5

ALLAR A network engineer must segregate all iPads on the guest WLAN to a separate VLAN.

How does the engineer accomplish this task without using Cisco ISE?

A. Enable RADIUS DHCP profiling on the WLAN.

B. Create a local policy on the WLC.

C. Use an mDNS profile for the iPad device.

D. Use 802.1x authentication to profile the devices

Correct Answer: B

QUESTION 6

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

Correct Answer: B

NMSP (Network Mobility Services Protocol) ?The protocol used for communication between Wireless LAN Controllers and the Mobility Services Engine. In the case of a wIPS Deployment, this protocol provides a pathway for alarm information to be aggregated from controllers to the MSE and for wIPS configuration information to be pushed to the controller. This protocol is encrypted.

https://www.cisco.com/c/en/us/td/docs/wireless/mse/7-6/MSE_wIPS/MSE_wIPS_7_6/MSE_wIPS_7_5_chapter_01000.html https://www.cisco.com/c/en/us/td/docs/wireless/technology/wips/deployment/guide/WiPS_deployment_guide.html#pgfId-80073

QUESTION 7

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

Correct Answer: BC

"When setting the security setting in the WLAN, there are specific elements that are not supported on the 600 series. For Layer 2 Security, only these options are supported for the Cisco Aironet 600 Series OEAP: None WPA+WPA2 Static WEP can also be used but not for .11n data rates."

https://www.cisco.com/c/en/us/support/docs/wireless/aironet-600-series-officeextend-access-point/113003-office-extend-config-00.html#wlan-settings

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QUESTION 8

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

Correct Answer: B

https://www.cisco.com/c/en/us/support/docs/wireless/4400-series-wireless-lan-controllers/98590-Per-User- ACL-WLC.html#configure-acs

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QUESTION 9

A customer has a distributed wireless deployment model where the WLCs are located in the data centers. Because the file servers are located in the data center, the traffic from the corporate WLAN "Corp-401266017" must go through the controllers, where the guest WLAN "Guest-19283746" traffic must use the local Internet line installed in each office. Which configuration will accomplish this task?

A. Disable Local Switching for the corporate and guest WLAN.

B. Disable Local Switching for the corporate WLAN and enable it for the guest WLAN.

C. Enable Local Switching for the corporate and guest WLAN.

D. Enable Local Switching for the corporate WLAN and disable it for the guest WLAN.

Correct Answer: B

QUESTION 10

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 11

A network engineer is configuring a Cisco AireOS WLC environment for central web authentication using Cisco ISE.

The controllers are configured using auto-anchor for the guest network.

Which three components must be implemented for the foreign WLC?(Choose three.)

A. DHCP RADIUS profiling enabled.

B. HTTP RADIUS profiling enabled.

C. UDP/1812-1813 open to ISE

D. downloadable preauth ACL on ISE

E. local preauth ACL on WLC

F. WLAN Layer 2 security

Correct Answer: ACF

QUESTION 12

A customer wants the APs in the CEO\\'s office to have different usernames and passwords for administrative support than the other APs deployed throughout the facility. Which feature must be enabled on the WLC and APs to achieve this goal?

A. local management users

B. HTTPS access

C. 802.1X supplicant credentials

D. override global credentials

Correct Answer: D

You can set a global username, password, and enable password that all access points that are currently joined to the controller and any that join in the future inherit as they join the controller. If desired, you can override the global credentials and assign a unique username, password, and enable password for a specific access point.

https://www.cisco.com/c/en/us/td/docs/wireless/controller/7-4/configuration/guides/consolidated/b_cg74_CONSOLIDATED/b_cg74_CONSOLIDATED_ chapter_01101011.html

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QUESTION 13

A corporation has employees working from their homes. A wireless engineer must connect 1810 OEAP at remote teleworker locations. All configuration has been completed on the controller side, but the network readiness is pending. Which two configurations must be performed on the firewall to allow the AP to join the controller? (Choose two.)

A. Block UDP ports 1812 and 1813 on the firewall.

B. Enable NAT Address on the 5520 with an Internet-routable IP address.

C. Configure a static IP on the OEAP 1810.

D. Allow UDP ports 5246 and UDP port 5247 on the firewall.

E. Allow UDP ports 12222 and 12223 on the firewall.

Correct Answer: BD

Reference:
https://www.cisco.com/c/en/us/td/docs/wireless/controller/technotes/8-3/b_Cisco_OfficeExtend_Access_Point_.pdf

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QUESTION 14

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.

Correct Answer: A

As no specific configurations are specified, default is applied, agreed? By default:

-5 devices can be registered

-3 simultaneous logins

-Oldest connection is disconnected (so the newly added is updated as active and last could be read as oldest.)

QUESTION 15

Refer to the exhibit.

```
aaa new-model
aaa local authentication default authorization default
aaa group server radius rad-group
  server name ise-lab272
aaa authentication login default local



wireless profile policy test profiling
   accounting-list acct method
   radius-profiling
```

A network architect configured the Cisco Catalyst 9800 Series Controller to find out information on client types in the wireless network. RADIUS profiling is enabled so that the controller forwards the information about clients to a Cisco ISE server through vendor- specific RADIUS attributes. The ISE server is not profiling any data from the controller. Which configuration must be added in the blank in the code to accomplish the profiling on the Cisco 9800 Series controller?

A. aaa accounting identity acct_method start-stop group rad-group

B. aaa accounting network acct_method start-stop group rad-group

C. aaa accounting exec acct_method start-stop group rad-group

D. aaa accounting commands acct_method start-stop group rad-group

Correct Answer: A

https://www.cisco.com/c/en/us/support/docs/wireless/catalyst-9800-series-wireless-controllers/215661-in-depth-look-into-client-profiling-on-9.html#anc12

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