# 300-430<sup>Q&As</sup>

Implementing Cisco Enterprise Wireless Networks (ENWLSI)

# Pass Cisco 300-430 Exam with 100% Guarantee

Free Download Real Questions & Answers **PDF** and **VCE** file from:

**https://www.leads4pass.com/300-430.html**

100% Passing Guarantee
100% Money Back Assurance

Following Questions and Answers are all new published by Cisco Official Exam Center

⚙ **Instant Download** After Purchase

⚙ **100% Money Back** Guarantee

⚙ **365 Days** Free Update

⚙ **800,000+** Satisfied Customers

**QUESTION 1**

Which EAP method can an AP use to authenticate to the wired network?

A. EAP-GTC

B. EAP-MD5

C. EAP-TLS

D. EAP-FAST

Correct Answer: D

**QUESTION 2**

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 3**

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

Correct Answer: A

Reference: https://www.cisco.com/c/en/us/support/docs/wireless/aironet-602-officeextend-access-point/117540-configure-splittunneloeap-00.html

**QUESTION 4**

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

Correct Answer: D

The Angle of Arrival (AoA) technique, sometimes referred to as Direction of Arrival (DoA), locates the mobile station by determining the angle of incidence at which signals arrive at the receiving sensor. Geometric relationships can then be used to estimate location from the intersection of two lines of bearing (LoBs) formed by a radial line to each receiving sensor, as illustrated in Figure 2-5. In a two-dimensional plane, at least two receiving sensors are required for location estimation with improved accuracy coming from at least three or more receiving sensors (triangulation).

Reference: https://www.cisco.com/c/en/us/td/docs/solutions/Enterprise/Mobility/WiFiLBS- DG/wifich2.html

**QUESTION 5**

An engineer is assembling a PCI report for compliance purposes and must include missed best practices that are related to WLAN controllers. The engineer has access to all WLCs, Cisco MSE, and Cisco Prime Infrastructure. Which method most efficiently displays a summary of inconsistencies?

A. WLC running-config

B. Cisco Prime Infrastructure monitoring

C. Cisco Prime Infrastructure reporting

D. WLC logs

Correct Answer: B

**QUESTION 6**

Refer to the exhibit.

```
*radiusTransportThread: May 20 13:04:02.658: AuthorizationResponse: 0x1489ad70
*radiusTransportThread: May 20 13:04:02.658: structureSize............577
*radiusTransportThread: May 20 13:04:02.658: resultCode..............0
*radiusTransportThread: May 20 13:04:02.658: protocolUsed.............0x00000001
*radiusTransportThread: May 20 13:04:02.658: proxyState......... 00:0b:0a:0c:0d:0e-02:06
*radiusTransportThread: May 20 13:04:02.658:    Packet contains 9 AVPs:
*radiusTransportThread: May 20 13:04:02.658:      AVP[01] User-Name.....User1  (11 bytes)
*radiusTransportThread: May 20 13:04:02.658:      AVP[02]
State....................................ReauthSession:c0a80a0600000003573f5190 (38 bytes)
*radiusTransportThread: May 20 13:04:02.658:      AVP[03]
Class.........................CACS:c0a80a0600000003573f5190:ISE01/253088040/17  (50 bytes)
*radiusTransportThread: May 20 13:04:02.658:      AVP[04] EAP-
Message............................0x038a0004 (59375620) (4 bytes)
*radiusTransportThread: May 20 13:04:02.658:      AVP[05] Message-
Authenticator....................DATA (16 bytes)
*radiusTransportThread: May 20 13:04:02.658:      AVP[06] Cisco / Url-
Redirect....................DATA (133 bytes)
*radiusTransportThread: May 20 13:04:02.658:      AVP[07] Cisco / Url-Redirect-
Acl................BLACKHOLE (9 bytes)
*radiusTransportThread: May 20 13:04:02.658:      AVP[08] Microsoft / MPPE-Send-
Key...............DATA (32 bytes)
*radiusTransportThread: May 20 13:04:02.658:      AVP[09] Microsoft / MPPE-Recv-
Key...............DATA (32 bytes)
*Dot1x_NW_MsgTask_2: May 20 13:04:02.658: 00:0b:0a:0c:0d:0e Applying new AAA override for
station 00:0b:0a:0c:0d:0e
*Dot1x_NW_MsgTask_2: May 20 13:04:02.658: 00:0b:0a:0c:0d:0e Override values for station
94:b1:0a:c2:3a:4a
          source: 4, valid bits: 0x0
          qosLevel: -1, dscp: 0xffffffff, dot1pTag: 0xffffffff, sessionTimeout: -1
*Dot1x_NW_MsgTask_2: May 20 13:04:02.658: 00:0b:0a:0c:0d:0e Override values (cont..)
dataAvgC: -1, rTAvgC: -1, dataBurstC: -1, rTimeBurstC: -1
          vlanIfName: '', vlanId:0, aclName: ', ipv6AclName: , avcProfileName: '
```

An engineer is troubleshooting a client connectivity issue. The client is in the RUN state, and no traffic is passed after authenticating by using Cisco ISE. Which action resolves the problem?

A. Configure a different client VLAN after authentication.

B. Disable the ACL that prevents traffic from being allowed.

C. Apply a lower WMM QoS.

D. Enable rate-limiting to the client.

Correct Answer: A

**QUESTION 7**

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 8**

An engineer is planning an image upgrade of the WLC, and hundreds of APs are spread across remote sites with limited WAN bandwidth. The engineer must minimize the WAN utilization for this upgrade. Which approach must be used for the AP image upgrade?

A. Predownload the new code to the APs.

B. Use the Smart AP image upgrade feature.

C. Allow the APs to download their code after WLC reboot.

D. Execute parallel TFTP code upgrade on the APs via SSH.

Correct Answer: B

**QUESTION 9**

A WLAN on the WLC is configured for web authentication as the Layer 3 Security policy with the web-auth type External. Which two elements are required as part of the configuration? (Choose two.)

A. WLAN being not present in the default AP group

B. HTTPS redirection enabled

C. nonroutable IP address assigned to the virtual interface

D. web-auth secure web option enabled

E. preauth ACL to allow access to the external web server

Correct Answer: BD

**QUESTION 10**

An engineer is in the process of implementing Fastiane on a wireless network with a Mobility Express AP installed and Apple end-user devices. Due to a security concern, the IT department has updated all the iPads to version 14.5.423551943. Which QoS profile must the engineer configure on the user WLAN?

A. Platinum

B. Best Effort

C. Bronze

D. Silver

Correct Answer: A

**QUESTION 11**

After looking in the logs, an engineer notices that RRM keeps changing the channels for non-IEEE 802. 11 interferers. After surveying the area, it has been decided that RRM should not change the channel. Which feature must be enabled to ignore non-802.11 interference?

A. Avoid Cisco AP Load

B. Avoid Persistent Non-WIFI Interference

C. Avoid Foreign AP Interference

D. Avoid Non-802. 11 Noise

Correct Answer: B

Check the Avoid Non-802.11a (802.11b) Noise check box to cause the controller\\'s RRM algorithms to consider noise (non-802.11 traffic) in the channel when assigning channels to lightweight access points, or uncheck it to disable this feature. For example, RRM may have access points avoid channels with significant interference from nonaccess point sources, such as microwave ovens. The default value is selected. Check the Avoid Persistent Non-WiFi Interference check box to configure the controller to stop ignoring persistent non-Wi-Fi interference in new channel calculation. The persistent non-Wi-Fi interference is considered during the metric calculation for channels.

https://www.cisco.com/c/en/us/td/docs/wireless/controller/9800/configure-guide/b_wi_16_10_cg/radio-resource-management.html https://www.cisco.com/c/en/us/td/docs/wireless/controller/8-6/config-guide/b_cg86/radio_resource_management.html

**QUESTION 12**

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.

Correct Answer: CD

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

**QUESTION 13**

Refer to the exhibit.
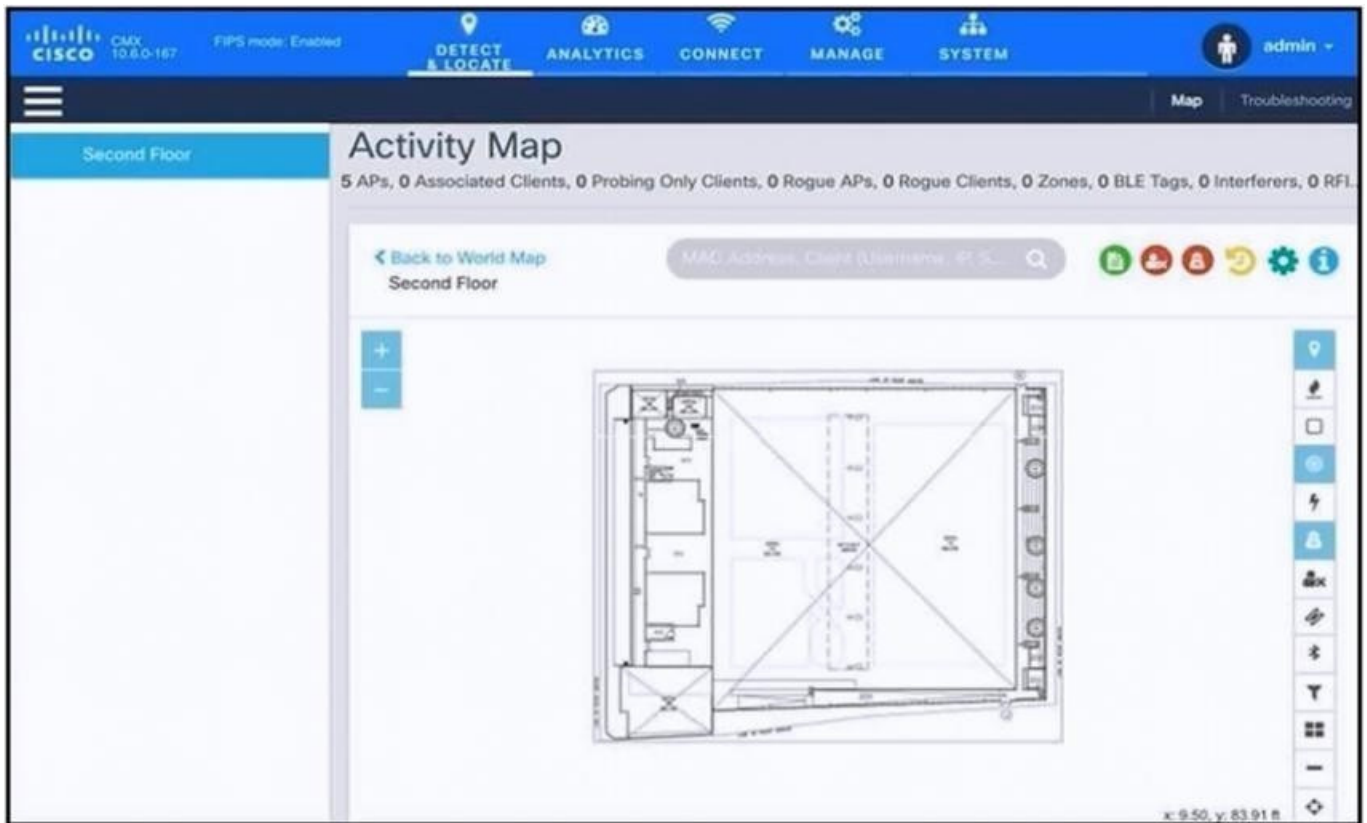


An engineer has deployed the Cisco CMX solution to track and detect the number of users who visit the office each day. The CMX dashboard is not showing any data. Which action resolves this issue?

A. Configure Single Sign-On authentication.

B. Add the WLCs to CMX.

C. Copy the exported Maps from CMX server to PI using SCP.

D. Install an evaluation license to CMX server.

Correct Answer: B

https://www.cisco.com/c/en/us/td/docs/wireless/mse/10-4/cmx_config/b_cg_cmx104/the_cisco_cmx_detect_and_locate _service.html#:~:text=Wireless%20Controllers.-,Add%20controllers,-%E2%80%94For%20information%20about

**QUESTION 14**

A company is deploying wireless PCs on forklifts within its new 10,000-square-foot(3048- square-rneter) facility.

The clients are configured for PEAP-MS-CHAPv2 with WPA TKIP. Users report that applications frequently drop when the clients roam between access points on the floor. A professional site survey was completed.

Which configuration change is recommended to improve the speed of client roaming?

A. EAP-FAST

B. EAP-TLS

C. WPAAES

D. WPA2AES

Correct Answer: D

**QUESTION 15**

The security learn is concerned about the access to all network devices, including the Cisco WLC. To permit only the admin subnet to have access to management, a CPU ACL is created and applied. However, guest users cannot get to the web portal. What must be configured to permit only admins to have access?

A. The guest portal must be configured on the CPU ACLs on the Cisco WLC.

B. Access to Cisco ISE must be allowed on the pre authentication ACL.

C. Management traffic from the guest network must be configured on the ACL rules.

D. Traffic toward the virtual interface must be permitted.

Correct Answer: B

https://www.cisco.com/c/en/us/support/docs/wireless-mobility/wlan-security/71978-acl-wlc.html

[300-430 PDF Dumps](#)          [300-430 Study Guide](#)          [300-430 Braindumps](#)