

300-430 Dumps

Implementing Cisco Enterprise Wireless Networks (ENWLSI)

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NEW QUESTION 1

An engineer configures the wireless LAN controller to perform 802.1x user authentication. Which configuration must be enabled to ensure that client devices can connect to the wireless, even when WLC cannot communicate with the RADIUS?

- A. pre-authentication
- B. local EAP
- C. authentication caching
- D. Cisco Centralized Key Management

Answer: B

NEW QUESTION 2

Which feature on the Cisco Wireless LAN Controller must be present to support dynamic VLAN mapping?

- A. FlexConnect ACL
- B. VLAN name override
- C. CCKM/OKC
- D. AAA override

Answer: D

NEW QUESTION 3

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 4

An engineer must use Cisco AVC on a Cisco WLC to prioritize Cisco IP cameras that use the wireless network. Which element do you configure in a rule?

- A. permit-ACL
- B. WMM required
- C. mark
- D. rate-limit

Answer: C

NEW QUESTION 5

What is the difference between PIM sparse mode and PIM dense mode?

- A. Sparse mode supports only one switch
- B. Dense mode supports multiswitch networks.
- C. Sparse mode flood
- D. Dense mode uses distribution trees.
- E. Sparse mode uses distribution tree
- F. Dense mode floods.
- G. Sparse mode supports multiswitch network
- H. Dense mode supports only one switch.

Answer: C

NEW 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

Answer: A

NEW QUESTION 7

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 8

For security purposes, an engineer enables CPU ACL and chooses an ACL on the Security > Access Control Lists > CPU Access Control Lists menu. Which kind of traffic does this change apply to, as soon as the change is made?

- A. wireless traffic only
- B. wired traffic only
- C. VPN traffic
- D. wireless and wired traffic

Answer: A

NEW QUESTION 9

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 10

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 15

On a branch office deployment, it has been noted that if the FlexConnect AP is in standalone mode and loses connection to the WLC, all clients are disconnected, and the SSID is no longer advertised. Considering that FlexConnect local switching is enabled, which setting is causing this behavior?

- A. ISE NAC is enabled
- B. 802.11r Fast Transition is enabled
- C. Client Exclusion is enabled
- D. FlexConnect Local Auth is disabled

Answer: D

NEW QUESTION 20

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 21

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 26

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 28

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 32

Refer to the exhibit.

No.	Time	Source	Destination	Protocol	Length	Info
1	0.000000	10.48.39.251	10.48.71.21	UDP	162	9999 → 2003 Len=120
2	0.003747	10.48.39.251	10.48.71.21	UDP	146	9999 → 2003 Len=104
3	1.087479	10.48.39.214	10.48.71.21	UDP	130	9999 → 2003 Len=88
4	2.733577	10.48.39.214	10.48.71.21	UDP	130	9999 → 2003 Len=88
5	2.999859	10.48.39.251	10.48.71.21	UDP	178	9999 → 2003 Len=136
6	3.001227	10.48.39.251	10.48.71.21	UDP	162	9999 → 2003 Len=120
7	4.355249	10.48.39.214	10.48.71.21	UDP	146	9999 → 2003 Len=104
8	5.999538	10.48.39.251	10.48.71.21	UDP	178	9999 → 2003 Len=136
9	6.000959	10.48.39.251	10.48.71.21	UDP	146	9999 → 2003 Len=104
10	8.999418	10.48.39.251	10.48.71.21	UDP	146	9999 → 2003 Len=104
11	9.000791	10.48.39.251	10.48.71.21	UDP	178	9999 → 2003 Len=136
12	9.262904	10.48.39.214	10.48.71.21	UDP	146	9999 → 2003 Len=104
13	10.894785	10.48.39.214	10.48.71.21	UDP	130	9999 → 2003 Len=88
14	11.995126	10.48.39.251	10.48.71.21	UDP	194	9999 → 2003 Len=152
15	11.999193	10.48.39.251	10.48.71.21	UDP	162	9999 → 2003 Len=120
16	14.994902	10.48.39.251	10.48.71.21	UDP	178	9999 → 2003 Len=136
17	14.996368	10.48.39.251	10.48.71.21	UDP	162	9999 → 2003 Len=120
18	17.994857	10.48.39.251	10.48.71.21	UDP	146	9999 → 2003 Len=104
19	17.996231	10.48.39.251	10.48.71.21	UDP	162	9999 → 2003 Len=120
20	18.102843	10.48.39.251	10.48.71.21	UDP	130	9999 → 2003 Len=88
21	21.098408	10.48.39.251	10.48.71.21	UDP	146	9999 → 2003 Len=104
22	21.099952	10.48.39.251	10.48.71.21	UDP	162	9999 → 2003 Len=120
23	24.098574	10.48.39.251	10.48.71.21	UDP	146	9999 → 2003 Len=104
24	24.099804	10.48.39.251	10.48.71.21	UDP	162	9999 → 2003 Len=120
25	27.098099	10.48.39.251	10.48.71.21	UDP	162	9999 → 2003 Len=120
26	27.099839	10.48.39.251	10.48.71.21	UDP	130	9999 → 2003 Len=88
27	28.880307	10.48.39.164	10.48.71.21	UDP	146	9999 → 2003 Len=104
28	28.881569	10.48.39.214	10.48.71.21	CAPP	146	CAPP MD5 Encrypted
29	30.094237	10.48.39.251	10.48.71.21	UDP	178	9999 → 2003 Len=136
30	30.097812	10.48.39.251	10.48.71.21	UDP	146	9999 → 2003 Len=104
31	30.513451	10.48.39.214	10.48.71.21	UDP	130	9999 → 2003 Len=88
32	30.515926	10.48.39.164	10.48.71.21	UDP	130	9999 → 2003 Len=88

> Frame 1: 162 bytes on wire (1296 bits), 162 bytes captured (1296 bits)
 > Ethernet II, Src: CiscInc_2a:c4:a3 (00:06:f6:2a:c4:a3), Dst: Vmware_99:4e:19 (00:50:56:99:4e:19)
 > Internet Protocol Version 4, Src: 10.48.39.251, Dst: 10.48.71.21
 > User Datagram Protocol, Src Port: 9999 (9999), Dst Port: 2003 (2003)
 v Data (120 bytes)
 Data: ae 2f 44 f0 00 00 b4 5f ef 06 fd cb b7 6c 03 c7 ...
 [Length: 120]

The image shows a packet capture that was taken at the CLI of the Cisco CMX server. It shows UDP traffic from the WLC coming into the server. What does the capture prove?

- A. The Cisco CMX server receives NetFlow data from the WLC.
- B. The Cisco CMX server receives NMSP traffic from the WLC.
- C. The Cisco CMX server receives SNMP traffic from the WLC.
- D. The Cisco CMX server receives Angle-of-Arrival data from the WLC.

Answer: D

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 38

Which AP model of the Cisco Aironet Active Sensor is used with Cisco DNA Center?

- A. 1800s
- B. 3600e
- C. 3800s
- D. 4800i

Answer: A

NEW QUESTION 43

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 47

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 50

Refer to the exhibit. An engineer is creating an ACL to restrict some traffic to the WLC CPU. Which selection must be made from the direction drop-down list?

Access Control Lists > Rules > New

Sequence	<input type="text"/>
Source	<input type="text" value="Any"/>
Destination	<input type="text" value="Any"/>
Protocol	<input type="text" value="Any"/>
DSCP	<input type="text" value="Any"/>
Direction	<input type="text" value="Any"/>
Action	<input type="text" value="Any"/>

- A. It must be Inbound because traffic goes to the WLC.
- B. Packet direction has no significance; it is always Any.
- C. It must be Outbound because it is traffic that is generated from the WLC.
- D. To have the complete list of options, the CPU ACL must be created only by the CLI.

Answer: A

NEW QUESTION 51

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 53

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 network.
- 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 58

An engineer is configuring multicast for wireless for an all-company video meeting on a network using EIGRP and BGP within a single domain from a single source. Which type of multicast routing should be implemented?

- A. Protocol Independent Multicast Dense Mode
- B. Source Specific Multicast
- C. Multicast Source Discovery Protocol
- D. Protocol Independent Multicast Sparse Mode

Answer: D

NEW QUESTION 62

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 67

Refer to the exhibit. A network administrator deploys the DHCP profiler service in two ISE servers: 10.3.10.101 and 10.3.10.102. All BYOD devices connecting to WLAN on VLAN63 have been incorrectly profiled and are assigned as unknown profiled endpoints. Which action efficiently rectifies the issue according to Cisco recommendations?

```
(Cisco WLC) >show dhcp proxy

DHCP ProxyBehaviour: enabled

!
interface Vlan63
 ip address 10.10.63.252/22
 description Dot1x_BYOD
 no shutdown
!
```

- A. Nothing needed to be added on the Cisco WLC or VLAN interfac
- B. The ISE configuration must be fixed.
- C. Disable DHCP proxy on the Cisco WLC.
- D. Disable DHCP proxy on the Cisco WLC and run the ip helper-address command under the VLAN interface to point to DHCP and the two ISE servers.
- E. Keep DHCP proxy enabled on the Cisco WLC and define helper-address under the VLAN interface to point to the two ISE servers.

Answer: C

NEW QUESTION 69

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 74

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