

300-430 Dumps

Implementing Cisco Enterprise Wireless Networks (ENWLSI)

<https://www.certleader.com/300-430-dumps.html>



NEW QUESTION 1

Which two restrictions are in place with regards to configuring mDNS? (Choose two.)

- A. mDNS uses only UDP port 5436 as a destination port.
- B. mDNS cannot use UDP port 5353 as the destination port.
- C. mDNS is not supported on FlexConnect APs with a locally switched WLAN.
- D. Controller software must be newer than 7.0.6+.
- E. mDNS is not supported over IPv6.

Answer: CD

NEW QUESTION 2

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 3

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 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

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 6

Refer to the exhibit.

802.11a(5 GHz) > Media

Voice

Video

Media

Call Admission Control (CAC)

Admission Control (ACM)

☒ Enabled

CAC Method 4

Load Based ▾

Max RF Bandwidth (5-85) (%)

75

Reserved Roaming Bandwidth (0-25) (%)

6

Expedited bandwidth

☐

SIP CAC Support 3

☐ Enabled

Per-Call SIP Bandwidth 2

SIP Codec

G.711 ▾

SIP Bandwidth (kbps)

64

SIP Voice Sample Interval (msecs)

20 ▾

Which two items must be supported on the VoWLAN phones to take full advantage of this WLAN configuration? (Choose two.)

- A. TSPEC
- B. SIFS
- C. 802.11e
- D. WMM
- E. APSD

Answer: CD

NEW QUESTION 7

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 8

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 9

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 10

All APs are receiving multicast traffic, instead of only the APs that need it. What is the cause of this problem?

- A. The multicast group includes all APs
- B. The wrong multicast address was used
- C. The multicast group is assigned the wrong VLAN
- D. Multicast IGMP snooping is not enabled

Answer: D

NEW QUESTION 10

An IT team is growing quickly and needs a solution for management device access. The solution must authenticate users from an external repository instead of the current local on the WLC, and it must also identify the user and determine what level of access users should have. Which protocol do you recommend to achieve these goals?

- A. network policy server
- B. RADIUS
- C. TACACS+
- D. LDAP

Answer: C

NEW QUESTION 12

Which two events are outcomes of a successful RF jamming attack? (Choose two.)

- A. disruption of WLAN services
- B. unauthentication association
- C. deauthentication broadcast
- D. deauthentication multicast
- E. physical damage to AP hardware

Answer: AE

NEW QUESTION 17

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 21

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 24

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 26

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 29

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 30

An engineer must implement rogue containment for an SSID. What is the maximum number of APs that should be used for containment?

- A. 1
- B. 2
- C. 3
- D. 4

Answer: D

Explanation:

Reference: https://www.cisco.com/c/en/us/td/docs/wireless/technology/roguedetection_deploy/Rogue_Detection.html

NEW QUESTION 33

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 36

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 40

An engineer is following the proper upgrade path to upgrade a Cisco AireOS WLC from version 7.3 to 8.9. Which two ACLs for Cisco CWA must be configured when upgrading from the specified codes? (Choose two.)

- A. Permit 0.0.0.0 0.0.0.0 UDP any any
- B. Permit 0.0.0.0 0.0.0.0 any DNS any
- C. Permit 0.0.0.0 0.0.0.0 UDP DNS any
- D. Permit 0.0.0.0 0.0.0.0 UDP any DNS
- E. Permit any any any

Answer: AD

NEW QUESTION 42

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 47

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 52

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 56

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 61

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

Answer: ACD

NEW QUESTION 64

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 67

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 70

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 74

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 interface
- 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 77

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