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[UPDATED 2024 Getting 300-430 Certification Made Easy! 300-430 Exam Crack Test Engine Dumps Training With 281 Questions

To become Cisco certified in Enterprise Wireless Networks, candidates must pass the 300-430 exam. Implementing Cisco Enterprise Wireless Networks certification is highly valuable for professionals who want to demonstrate their expertise in wireless networking and gain a competitive edge in the job market. With the increasing demand for wireless connectivity and the rise of mobile devices, this certification has become even more important for IT professionals who want to stay relevant and advance their careers in the field.

NO.26 Which Cisco Prime Infrastructure report does an engineer run to troubleshoot client connectivity issues for a VoWiFi network?
* Up/Down Statistics
* Traffic Stream Metrics
* Airtime Fairness Statistics
* 802.11 Counters

NO.27 Which feature on the Cisco Wireless LAN Controller must be present to support dynamic VLAN mapping?
* FlexConnect ACL
* VLAN name override
* CCKM/OKC
* AAA override

NO.28 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?
* Disable Local Switching for the corporate and guest WLAN.
* Disable Local Switching for the corporate WLAN and enable it for the guest WLAN.
* Enable Local Switching for the corporate and guest WLAN.
* Enable Local Switching for the corporate WLAN and disable it for the guest WLAN.

NO.29 Where is a Cisco OEAP enabled on a Cisco Catalyst 9800 Series Wireless Controller?
* Policy Profile
* Flex Profile
* RF Profile
* AP Join Profile
https://www.cisco.com/c/en/us/td/docs/wireless/controller/9800/configguide/b_wl_16_10_cg/flexconnect.html

NO.30 Refer to the exhibit.
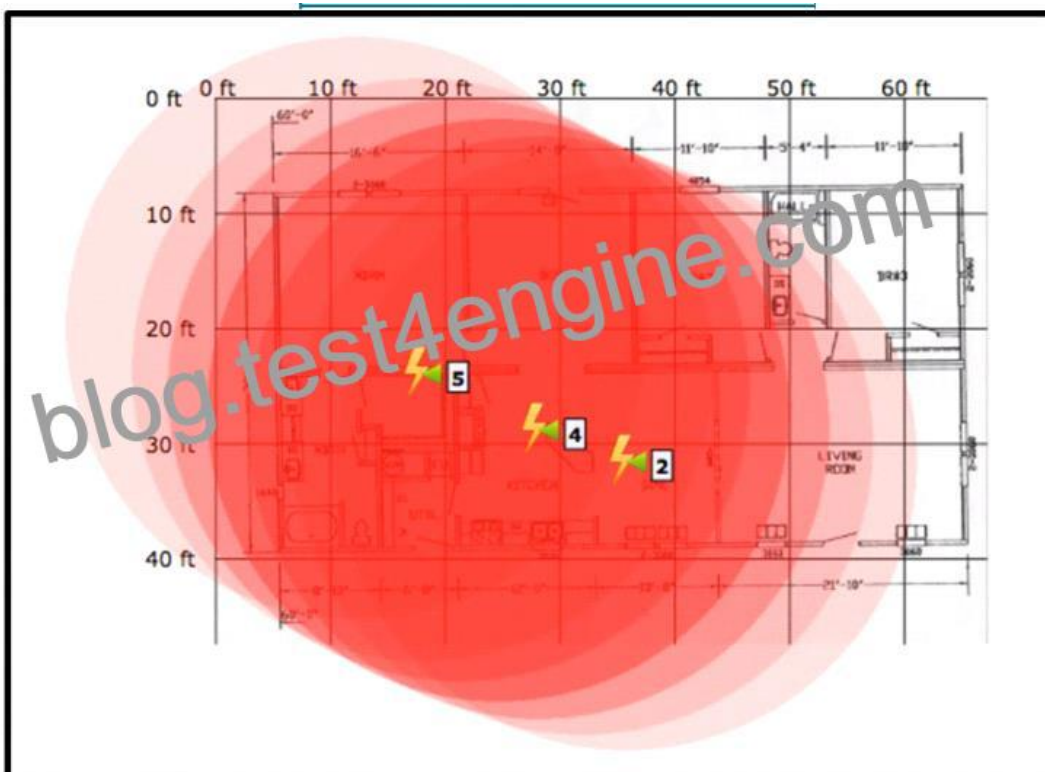
An engineer needs to manage non-802.11 interference. What is observed in the output on PI?

* Several light interferers are collectively impacting connectivity at this site.
* The three Individual clusters shown Indicate poor AP placement.
* At least one strong interferer is impacting connectivity at this site.

NO.31 Which AP model of the Cisco Aironet Active Sensor is used with Cisco DNA Center?

* 1800s
* 3600e
* 3800s
* 4800i

NO.32 An engineer is implementing RADIUS to restrict administrative control to the network with the WLC management IP address of 192.168.1.10 and an AP subnet of 192.168.2.0/24. Which entry does the engineer define in the RADIUS server?

* administrative access defined on the WLC and the network range 192.168.2.0/255.255.254.0
* NAS entry of the virtual interface and the network range 192.168.2.0/255.255.255.0
* shared secret defined on the WLC and the network range 192.168.1.0/255.255.254.0
* WLC roles for commands and the network range 192.168.1.0/255.255.255.0

The management IP of the WLC and the AP subnet must have be NAS entries on the RADIUS server in order for it to process the packet(s).

https://techhub.hpe.com/eginfolib/networking/docs/switches/12500/5998-4885_security_cr/content/378521628.htm#:~:text=A%20RADIUS%20server%20identifies%20a,th e%20server%20processes%20the%20packet.

NO.33 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?

* HR_ACL appended with BASE_ACL
* BASE_ACL appended with HR_ACL
* HR_ACL only
* BASE_ACL only

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

NO.34 Refer to the exhibit.

```
(Cisco Controller) >show nmsp notification interval

NMSP Notification Interval Summary

RSSI Interval:
  Client............................................. 20 sec
  RFID............................................... 20 sec
  Rogue AP........................................... 20 sec
  Rogue Client....................................... 20 sec

Spectrum Interval:
  Interferer device................................. 20 sec

(Cisco Controller) >
```

An administrator notices slower location updates from the controller to Cisco CMX. Which command must be configured to get an update every 5 seconds for rogues?
* config location notification interval rssi rogues 5
* config nmsp notification interval rssi rogues 5
* config subscription notification interval rssi rogues 5
* config cmx notification interval rssi rogues 5

NO.35 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.)
* Static WEP + 802.1X
* WPA+WPA2
* Static WEP
* CKIP
* 802.1X

NO.36 Which devices can be tracked with the Cisco Context Aware Services?
* wired and wireless devices
* wireless devices
* wired devices
* Cisco certified wireless devices
Explanation/Reference: https://www.cisco.com/c/en/us/support/docs/wireless/context-aware-software/110836-cas-faq.html

NO.37 Refer to the exhibit.

An engineer must restrict some subnets to have access to the WLC. When the CPU ACL function is enabled, no ACLs in the drop-down list are seen. What is the cause of the problem?
* The ACL does not have a rule that is specified to the Management interface.
* No ACLs have been created under the Access Control List tab.
* When the ACL is created, it must be specified that it is a CPU ACL.
* This configuration must be performed through the CLI and not though the web GUI.

NO.38 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?

* network policy server

* RADIUS

* TACACS+

* LDAP

https://www.cisco.com/c/en/us/td/docs/switches/lan/Denali_161/ConfigExamples_Technotes/Techzone_Articles/Example_and_Technotes_Denali_16_1_1/Example_and_Technotes_Denali_16_

1_1_chapter_010110.pdf

- Authentication of users who attempt to log in to the network equipment.
- Authorization to determine what level of access users should have.

NO.39 Which statement about the VideoStream/Multicast Direct feature is true?

* IP multicast traffic is reliable over WLAN by default as defined by the IEEE 802.11 wireless multicastdelivery mechanism.

* Each VideoStream client acknowledges receiving a video IP multicast stream.

* It converts the unicast frame to a multicast frame over the air.

* It makes the delivery of the IP multicast stream less reliable over the air, but reliable over Ethernet.

NO.40 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.)

* X, Y real location

* client description

* AP name

* client MAC address

* WLC IP address

```
[cmxadmin@cmx ~]$ cmxloc start
MAC address: 40:98:ad:71:e8:b9

+-----------------+------+------+-----------+---------------+-------------------------+-------------------------+
| MAC Address     | X    | Y    | Comp Type | Location      | Last Located            | Current Server Time     |
+-----------------+------+------+-----------+---------------+-------------------------+-------------------------+
| 40:98:ad:71:e8:b9 | 23.87 | 30.08 | FUSION    | SJ>Cisco>Floor1 | 2018-07-13T20:01:29.942+0200 | 2018-07-13T20:01:31.760+0200 |
+-----------------+------+------+-----------+---------------+-------------------------+-------------------------+
```

https://www.cisco.com/c/en/us/td/docs/wireless/controller/technotes/88/b_ap_4800_hyperlocation_deployment_guide.html

NO.41 An engineer must create an account to log in to the CLI of an access point for troubleshooting. Which configuration on the WLC will accomplish this?

* ReadWrite User Access Mode

* Global Configuration Enable Password

* SNMP V3 User

* Allow New Telnet Sessions

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

NO.42 A healthcare organization notices many rogue APs and is concerned about a honeypot attack. Which configuration must a wireless network engineer perform in Cisco Prime Infrastructure to prevent these attacks most efficiently upon detection?

* Set the auto containment level to 4 and select the Using Our SSID containment option.

* Set the manual containment level to 4 and select the Ad Hoc Rogue AP containment option.
* Set the auto containment level to 0 and select the Ad Hoc Rogue AP containment option.
* Set the auto containment level to 0 and select the Using Our SSID containment option

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