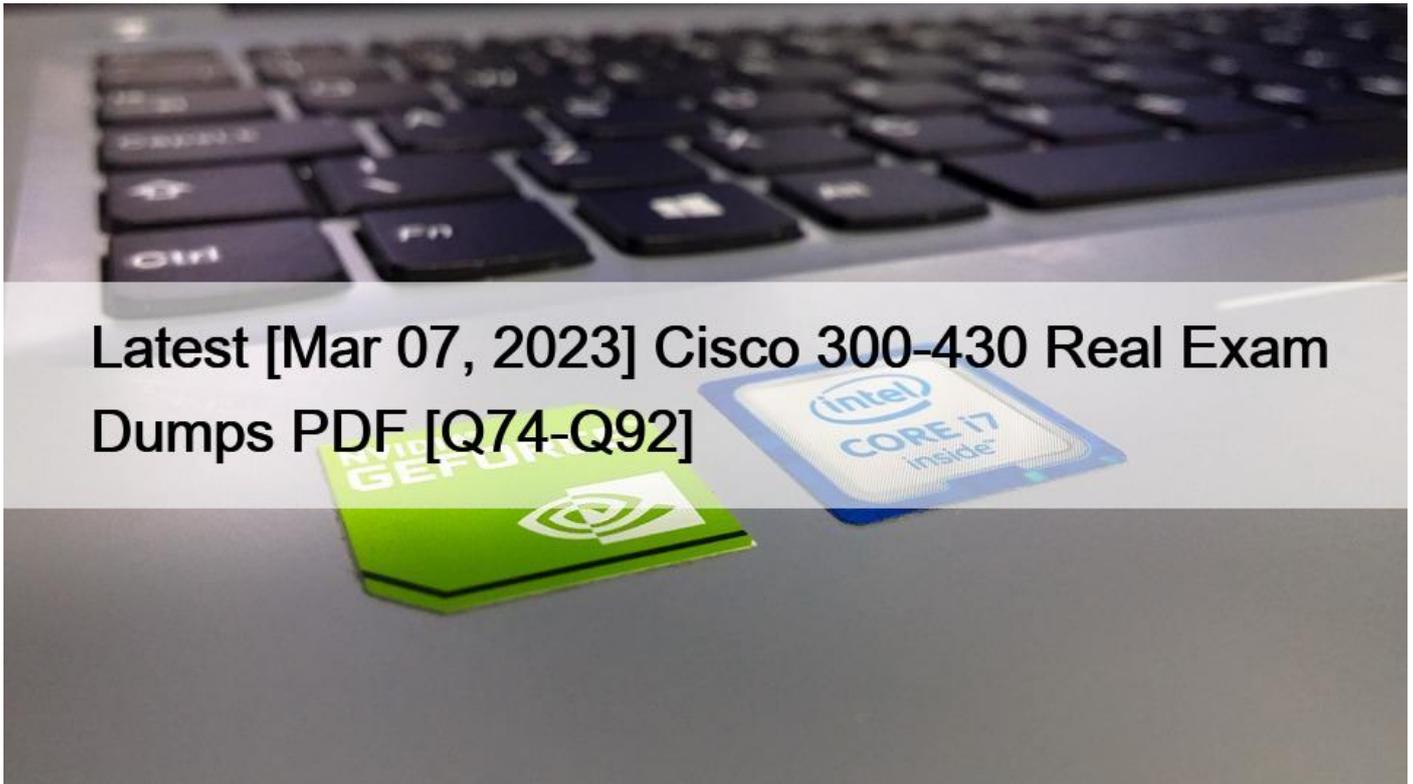


## Latest [Mar 07, 2023 Cisco 300-430 Real Exam Dumps PDF [Q74-Q92



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300-430 Practice Test Questions Updated 160 Questions

**Q74.** 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 multicast delivery 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.

Explanation/Reference: [https://www.cisco.com/c/en/us/td/docs/wireless/controller/8-1/configuration-guide/b\\_cg81/multicast\\_broadcast\\_setup.html](https://www.cisco.com/c/en/us/td/docs/wireless/controller/8-1/configuration-guide/b_cg81/multicast_broadcast_setup.html)

**Q75.** An engineer is implementing a FlexConnect group for access points at a remote location using local switching but central DHCP. Which client feature becomes available only if this configuration is changed?

- \* multicast
- \* static IP
- \* fast roaming
- \* mDNS

Explanation

- If the three attempts fail, the access point will fall back to the static IP and will reboot (only if the access point is configured with a static IP).

[https://www.cisco.com/c/en/us/td/docs/wireless/controller/8-7/config-guide/b\\_cg87/flexconnect.html](https://www.cisco.com/c/en/us/td/docs/wireless/controller/8-7/config-guide/b_cg87/flexconnect.html)

**Q76.** An engineer must track guest traffic flow using the WLAN infrastructure. Which Cisco CMX feature must be configured and used to accomplish this tracking?

- \* analytics
- \* connect and engage
- \* presence
- \* detect and locate.
- **PRESENCE ANALYTICS:** Cisco Presence Analytics service is a new analytics engine that detects the presence of visitors via their mobile devices interactions even a single network access point. The probe requests which are transmitted from the wireless devices provide information, which is used to identify the ge

**Q77.** Which two events are outcomes of a successful RF jamming attack? (Choose two.)

- \* disruption of WLAN services
- \* unauthentication association
- \* deauthentication broadcast
- \* deauthentication multicast
- \* physical damage to AP hardware

**Q78.** A wireless engineer must implement a corporate wireless network for a large company in the most efficient way possible. The wireless network must support 32 VLANs for 300 employees in different departments.

Which solution must the engineer choose?

- \* Configure a second WLC to support half of the APs in the deployment.
- \* Configure one single SSID and implement Cisco ISE for VLAN assignment according to different user roles.
- \* Configure different AP groups to support different VLANs, so that all of the WLANs can be broadcast on both radios.
- \* Configure 16 WLANs to be broadcast on the 2.4-GHz band and 16 WLANs to be broadcast on the

5.0-GHz band.

Cisco WLAN solution addresses that limitation by support of identity networking. That allows the network to advertise a single SSID, but allows specific users to have different policies based on the user credential.

Dynamic VLAN assignment is one such feature that places a wireless user into a specific VLAN based on the credentials supplied by the user. This task of assigning users to a specific VLAN is done by an authentication server, such as Cisco ISE. This can be used, for example, to allow the wireless host to remain on the same VLAN as it moves within a campus network.

**Q79.** A customer wants to allow employees to easily onboard their personal devices to the wireless network. The visitors also must be able to connect to the same network without the need to engage with anyone from the reception desk. Which process must be configured on Cisco ISE to support this requirement?

- \* MAC authentication bypass
- \* native supplicant provisioning
- \* local web auth
- \* self-registration guest portal

**Q80.** An engineer is setting up a WLAN to work with a Cisco ISE as the AAA server. The company policy requires that all users be denied access to any resources until they pass the validation. Which component must be configured to achieve this stipulation?

- \* preauthentication ACL
- \* WPA2 passkey
- \* AAA override
- \* CPU ACL

**Q81.** What must be configured on ISE version 2.1 BYOD when using Single SSID?

- \* no authentication
- \* WPA2
- \* open authentication
- \* 802.1x

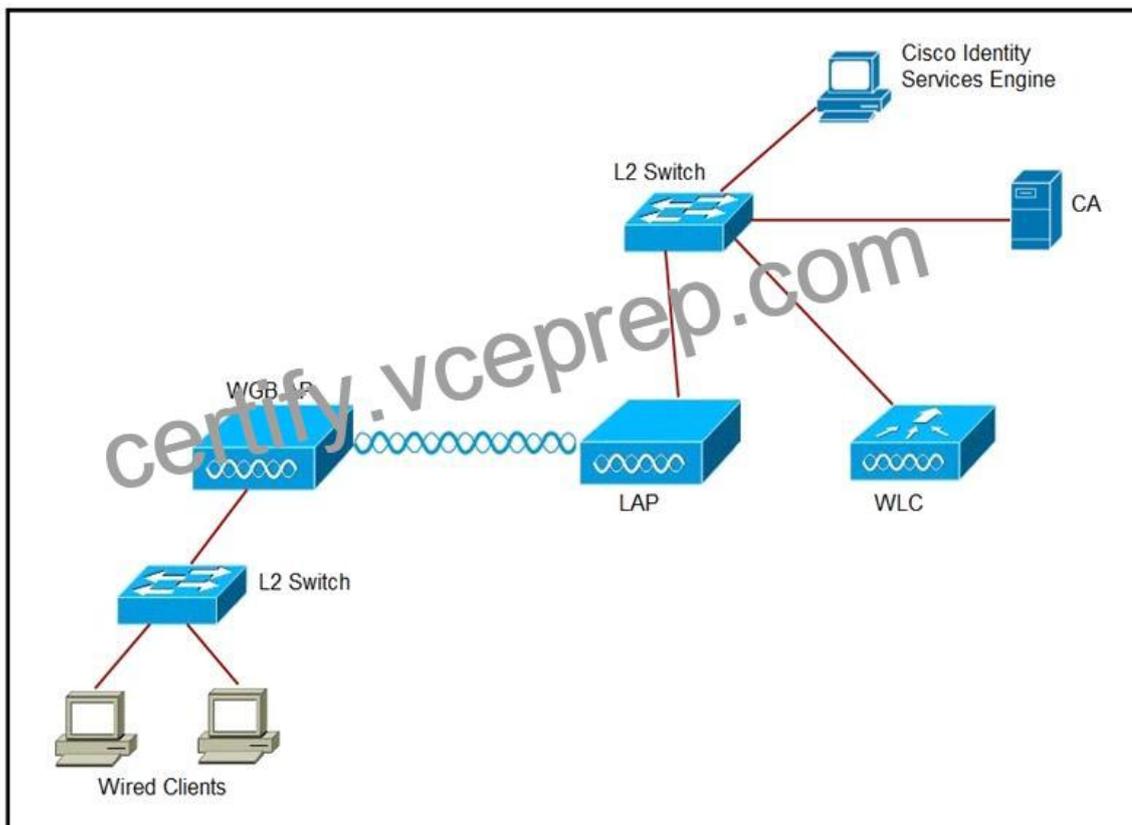
Explanation

As its name signifies there is only one SSID used for the onboarding, which is secured by 802.1X.

While ISE supports various EAP types for 802.1X authentication, with ISE BYOD, there are three EAP Types that can be used; EAP-TLS, EAP-PEAP-MSCHAPv2, and EAP-FAST. With EAP-TLS ISE identifies itself by providing EAP Identity

<https://ciscocustomer.lookbookhq.com/iseguidedjourney/BYOD-configuration>

**Q82.** Refer to the exhibit.



An engineer must connect a fork lift via a WGB to a wireless network and must authenticate the WGB certificate against the RADIUS server. Which three steps are required for this configuration? (Choose three.)

- \* Configure the certificate, WLAN, and radio interface on WGB.
- \* Configure the certificate on the WLC.
- \* Configure WLAN to authenticate using ISE.
- \* Configure the access point with the root certificate from ISE.

- \* Configure WGB as a network device in ISE.
- \* Configure a policy on ISE to allow devices to connect that validate the certificate.

<https://mrnciew.com/2018/05/25/wgb-with-peap/>

**Q83.** 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](https://www.cisco.com/c/en/us/td/docs/wireless/controller/technotes/88/b_ap_4800_hyperlocation_deployment_guide.html)

**Q84.** 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.)

- \* Synchronize access points with the MSE.
- \* Add the MSE to Cisco Prime Infrastructure using the CLI credentials.
- \* Add the MSE to Cisco Prime Infrastructure using the Cisco Prime Infrastructure communication credentials configured during set up.
- \* Apply a valid license for Wireless Intrusion Prevention System.
- \* Apply a valid license for location tracking.

Explanation

[https://www.cisco.com/c/en/us/td/docs/net\\_mgmt/prime/infrastructure/33/user/guide/bk\\_CiscoPrimeInfrastructur](https://www.cisco.com/c/en/us/td/docs/net_mgmt/prime/infrastructure/33/user/guide/bk_CiscoPrimeInfrastructur)

**Q85.** An engineer must implement a BYDD policy with these requirements:

- \* Onboarding unknown machines
- \* Easily scalable
- \* Low overhead on the wireless network Which method satisfies these requirements?
- \* triple SSID
- \* open SSID
- \* dual SSID
- \* single SSID

Explanation

[https://www.cisco.com/c/en/us/td/docs/solutions/Enterprise/Borderless\\_Networks/Unified\\_Access/BYOD\\_Desig](https://www.cisco.com/c/en/us/td/docs/solutions/Enterprise/Borderless_Networks/Unified_Access/BYOD_Desig)

**Q86.** When configuring a Cisco WLC, which CLI command adds a VLAN with VLAN ID of 30 to a FlexConnect group named

BranchA-FCG?

- \* config flexconnect BranchA-FCG vlan 30 add
- \* config flexconnect group BranchA-FCG vlan add 30
- \* config flexconnect group BranchA-FCG vlan 30 add
- \* config flexconnect BranchA-FCG vlan add 30

To configure VLAN for a FlexConnect group, use the **config flexconnect group vlan** command.

```
config flexconnect group group_name vlan {add vlan-id acl in-acname out-acname | delete vlan-id}
```

**Q87.** Which configured is applied to prevent the network from a Layer 2 flooding of multicast frames with a seamless transfer of multicast data to the client when roaming from one controller to another?

- \* Enable IGMPv3 on the central Layer 3 switch.
- \* Enable multicast mode on the WLC
- \* Create multicast groups on the central Layer 3 switch.
- \* Enable IGMP snooping on the WLC

[https://www.cisco.com/c/en/us/td/docs/wireless/controller/7-4/configuration/guides/consolidated/b\\_cg74\\_CONSOLIDATED/b\\_cg74\\_CONSOLIDATED\\_chapter\\_01011.html](https://www.cisco.com/c/en/us/td/docs/wireless/controller/7-4/configuration/guides/consolidated/b_cg74_CONSOLIDATED/b_cg74_CONSOLIDATED_chapter_01011.html)

**Q88.** A wireless engineer must implement a corporate wireless network for a large company in the most efficient way possible. The wireless network must support 32 VLANs for 300 employees in different departments. Which solution must the engineer choose?

- \* Configure a second WLC to support half of the APs in the deployment.
- \* Configure one single SSID and implement Cisco ISE for VLAN assignment according to different user roles.
- \* Configure different AP groups to support different VLANs, so that all of the WLANs can be broadcast on both radios.
- \* Configure 16 WLANs to be broadcast on the 2.4-GHz band and 16 WLANs to be broadcast on the 5.0-GHz band.

**Q89.** An engineer must configure Cisco OEAPs for three executives. As soon as the NAT address is configured on the management interface, it is noticed that the WLC is not responding for APs that are trying to associate to the internal IP management address.

Which command should be used to reconcile this?

- \* config network ap-discovery nap-ip-only enable
- \* config flexconnect office-extend nat-ip-only disable
- \* config flexconnect office-extend nat-ip-only enable
- \* config network ap-discovery nat-ip-only disable

<https://community.cisco.com/t5/wireless/office-extend-ap-and-external-addresses/td-p/3742395>

**Q90.** A corporation is spread across different countries and uses MPLS to connect the offices. The senior management wants to utilize the wireless network for all the employees. To ensure strong connectivity and minimize delays, an engineer needs to control the amount of traffic that is traversing between the APs and the central WLC. Which configuration should be used to accomplish this goal?

- \* FlexConnect mode with OfficeExtend enabled
- \* FlexConnect mode with local authentication
- \* FlexConned mode with central switching enabled
- \* FlexConnect mode with central authentication

Explanation

Local authentication is useful where you cannot maintain a remote office setup of a minimum bandwidth of 128 kbps with the round-trip latency no greater than 100 ms and the maximum transmission unit (MTU) no smaller than 500 bytes. In local authentication, the authentication capabilities are present in the access point itself. Local authentication reduces the latency requirements of the branch office.

[https://www.cisco.com/c/en/us/td/docs/wireless/controller/72/configuration/guide/cg/cg\\_flexconnect.html#wp12](https://www.cisco.com/c/en/us/td/docs/wireless/controller/72/configuration/guide/cg/cg_flexconnect.html#wp12)

**Q91.** The security policy mandates that only controller web management traffic is allowed from the IT subnet. In testing, an engineer is trying to connect to a WLAN with Web Authentication for guest users, but the page is timing out on the wireless client browser. What is the cause of this issue?

- \* Web Authentication Redirect is supported only with Internet Explorer, and the client is using Google Chrome.
- \* The DNS server that is configured on the controller is incorrect
- \* Web Authentication Redirect is not supported with CPUACLs. QUE
- \* The implemented CPU ACL on the controller is blocking HTTP/HTTPS traffic from the guest clients.

**Q92.** Which component must be integrated with Cisco DNA Center to display the location of a client that is experiencing connectivity issues?

- \* Cisco Hyperlocation Module
- \* Wireless Intrusion Prevention System
- \* Cisco Connected Mobile Experiences
- \* Cisco Mobility Services Engine

Cisco DNA Center supports the integration of on-premise Connected Mobile Experiences (CMX) for wireless maps. With the CMX integration, you can get the exact location of your clients on the floor map within the Cisco DNA Center user interface.

**Cisco 300-430 Dumps - Secret To Pass in First Attempt:** <https://www.vceprep.com/300-430-latest-vce-prep.html>