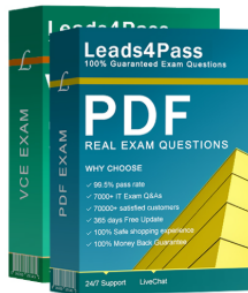Home > Cisco > CCNP Enterprise > 300-430

Cisco 300-430 Exam Preparation Materials

Vendor: Cisco

Exam Code: 300-430

Exam Name: Imple... | Single & Multiple Choice: 371 | ss Networks (ENWLSI)
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Total Questions: 374 Q&A (ⓘ View Details)

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Question 1:

An engineer must enable AVC on a Cisco Catalyst 9800 WLC and send the NetFlow data to a NetFlow collector. What must be configured on the controller with the IP address and port number of the NetFlow collector?

A. flow exporter

B. flow policy

C. flow monitor

D. flow record

Correct Answer: A

Question 2:

When configuring a Cisco WLC, which CLI command adds a VLAN with VLAN ID of 30 to a FlexConnect group named BranchA-FCG?

A. config flexconnect BranchA-FCG vlan 30 add

B. config flexconnect group BranchA-FCG vlan add 30

C. config flexconnect group BranchA-FCG vlan 30 add

D. config flexconnect BranchA-FCG vlan add 30

Correct Answer: B

Question 3:

Refer to the exhibit.

Event	5405 RADIUS Request dropped
Failure Reason	11036 The Message-Authenticator RADIUS attribute is invalid

A wireless engineer has integrated the wireless network with a RADIUS server. Although the configuration on the RADIUS is correct, users are reporting that they are unable to connect. During troubleshooting, the engineer notices that the authentication requests are being dropped. Which action will resolve the issue?

A. Provide a valid client username that has been configured on the RADIUS server.

B. Authenticate the client using the same EAP type that has been set up on the RADIUS server.

C. Allow connectivity from the wireless controller to the IP of the RADIUS server.

D. Configure the shared-secret keys on the controller and the RADIUS server.

Correct Answer: B

https://community.cisco.com/t5/network-access-control/cisco-acs-11036-the-message-authenticator-radius-attribute-is/td-p/2054255

Question 4:

An engineer must enable LSS for the Apple TV mDNS service only when ORIGIN is set to Wired. Which action meets this requirement?

A. Set ORIGIN to Wired. Enable LSS by using the config mdns service Iss Apple TV command.

B. Set ORIGIN to either Wireless or All. Enable LSS by using the config mdns service Iss enable Apple TV command

C. Set ORIGIN to Wired. Enable LSS by using the config mdns service Iss All command

D. Set ORIGIN to either Wireless or All. Enable LSS by using the config mdns service Iss All command.

Correct Answer: A

Question 5:

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

A. analytics

B. connect and engage

C. presence

D. detect and locate.

Correct Answer: C

The Cisco CMX Presence Analytics service is a comprehensive analytics and engagement platform that uses APs to detect visitor presence based on their mobile devices\' Received Signal Strength Indication (RSSI). The AP detects these client mobile devices irrespective of the latter\'s wireless association state as long as they are within the specified signal range, and the wireless option is enabled on the mobile device (ability to detect devices wirelessly even if they are not connected to the network
https://www.cisco.com/c/en/us/td/docs/wireless/mse/10-
4/cmx_config/b_cg_cmx104/the_cisco_cmx_presence_analytics_service.html

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Question 6:
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

Correct Answer: D

An individual rogue device can be contained by 1 to 4 managed APs which work in conjunction to mitigate the threat temporarily.
https://www.cisco.com/c/en/us/support/docs/wireless/4400-series-wireless-lan-controllers
/112045-handling-rogue-cuwn-00.html

Question 7:
Refer to the exhibit.

```
(Cisco WLC) >show dhcp proxy

DHCP ProxyBehaviour: enabled

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

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?

A. Nothing needed to be added on the Cisco WLC or VLAN interface. The ISE configuration must be fixed.

B. Disable DHCP proxy on the Cisco WLC.

C. 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.

D. Keep DHCP proxy enabled on the Cisco WLC and define helper-address under the VLAN interface to point to the two ISE servers.

Correct Answer: C

https://www.cisco.com/c/en/us/support/docs/wireless/4400-series-wireless-lan-controllers/110865-dhcp- wlc.html

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Question 8:
Which QoS level is recommended for guest services?

A. gold

B. bronze

C. platinum

D. silver

Correct Answer: B

Question 9:

An engineer has implemented advanced location services for a retail wireless deployment. The marketing department wants to collect user demographic information in exchange for guest WLAN access and to have a customized portal per location hosted by the provider. Which social connector must be tied into Cisco CMX to provide this service?

A. Gmail

B. Google+

C. Facebook

D. MySpace

Correct Answer: C

Question 10:

A wireless network has been implemented to enable multicast video to be streamed reliably over the wireless link to the wireless to the wireless users. After a client reports that the video is unable to stream the administrator determines that the client is connecting a data rate of 12 Mbps and is trying to stream to a void multicast address on the network. Which two actions must be applied? (Choose two.)

A. Allow RTSP stream the video due to wireless multicast not using acknowledgments.

B. Allow multicast direct to work correctly and multicast-direct to be enabled globally.

C. Change the WLAN QoS value to Bronze for the WLANs on the controller.

D. Turn off IGMP snooping for all the configured WLANS on the controller.

E. Implement video stream for the multicast video on the controller

Correct Answer: BE

Question 11:

An engineer is ensuring that, on the IEEE 802.1X wireless network, clients authenticate using a central repository and local credentials on the Cisco WLC. Which two configuration elements must be completed on the WLAN? (Choose two.)

A. TACACS+

B. MAC authentication

C. local EAP enabled

D. web authentication

E. LDAP server

Correct Answer: CE

Question 12:
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?

A. multicast

B. static IP

C. fast roaming

D. mDNS

Correct Answer: B

https://www.cisco.com/c/en/us/td/docs/wireless/controller/8-7/configguide/b_cg87/flexconnect.html After 3 failed attempts the static Ip is given.

Question 13:
An engineer must implement a wireless network to support location services. The network will include an MSE and Cisco WLC. After the deployment, the IT team must be able to locate and track clients. What is the minimum number of APs that a client must hear to accomplish this configuration so that the engineer can position them accordingly?

A. 1

B. 3

C. 4

D. 6

Correct Answer: B

Question 14:

A wireless network has two RF groups where Cisco WLCs are joined. APs are associated with different controllers using the round-robin approach. Rogue containment must be deployed in all controllers, but the network must not be affected by any RRM neighbor packets sent by friendly APs. Which AP authentication protection type must be enabled?

A. AP Authentication

B. AP Wireless Protection Rules

C. AP Security

D. AP Access Control

Correct Answer: A

Question 15:
An engineer is configuring a new wireless network for guest access. The Facebook page of the company must be viewed by the guest users before they get access to the network. A Cisco MSE is used as a wireless component. Which URL must be used in the configuration as the external redirection URL?

A. http://:8084/vistor/login.do

B. http:// 8083/visitor/login.do

C. http://:8083/fbwifi/forward

D. http://:8084/fbwifi/forward

Correct Answer: D