



Cisco

Exam Questions 300-425

Designing Cisco Enterprise Wireless Networks (ENWLSD)

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NEW QUESTION 1

DRAG DROP

Drag and drop the characteristics from the left onto the correct functionalities on the right.

Select and Place:

complex configuration on the Cisco WLC and infrastructure	Multiple AP-Manager Interfaces
achieves optimal AP join process with src-dst-ip load-balancing	
simple configuration on the Cisco WLC and infrastructure	LAG
avoids single point of failure on neighbor switches	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

complex configuration on the Cisco WLC and infrastructure	Multiple AP-Manager Interfaces
achieves optimal AP join process with src-dst-ip load-balancing	
simple configuration on the Cisco WLC and infrastructure	LAG
avoids single point of failure on neighbor switches	

NEW QUESTION 2

A customer asks an engineer to explain the concept of mobility domains and mobility groups. Which statement does the engineer respond with?

- A. A mobility group does not constrain the distribution of security context of a client and also does not constrain AP fail-over between controllers when the WLC are in the same mobility domain.
- B. If WLCs are in the same mobility domain, they communicate with each other but, if an anchor WLC is present it must be in the same mobility domain for communication to be possible.
- C. If WLCs are in the same mobility domain, they communicate with each other
- D. Mobility groups constrain the distribution of security context of a client and also constrain AP fail-over between controllers.
- E. WLCs do not need to be in the same mobility domain to communicate with each other
- F. Mobility groups constrain the distribution of security context of a client and also constrain AP fail-over between controllers.

Answer: C

NEW QUESTION 3

A high-density wireless network is designed. Which Cisco WLC configuration setting must be incorporated in the design to encourage clients to use the 5 GHz spectrum?

- A. Band Select
- B. RRM
- C. Cisco Centralized Key Management
- D. load balancing

Answer: A

NEW QUESTION 4

An engineer has configured guest anchoring for a newly created SSD however, the mobility tunnels are not up, and EPING is failing from the foreign WLC to the anchor WLC. Which traffic flow must be allowed at the firewall to enable the communication?

- A. UDP port 16666
- B. IP protocol 97
- C. UDP port 97
- D. TCP port 97

Answer: A

NEW QUESTION 5

Which statement about creating a mobility group is true, excluding mobility anchors?

- A. Each WLC must use the same mobility name and be defined as a peer in each other's static mobility members list.
- B. If WLCs with HA SSO are deployed, each WLC in the WLC HA pair considered separately as a mobility peer.
- C. The WLCs do not have to be of the same model or type to be a member of a mobility group, however each member should be running different software versions.
- D. A mobility groups does not require all WLCs in the group to use the same virtual IP address.

Answer: B

NEW QUESTION 6

A customer is running a guest WLAN with a foreign/export-anchor setup. There is one anchor WLC in the US and two in Europe. Anchor WLC priorities are used to prefer local anchors. During a routine network audit, it is discovered that a large number of guest client sessions in the US are anchored to the WLCs in Europe. Which reason explains this behavior?

- A. The foreign WLC failed and recovered.
- B. The US anchor WLC failed and recovered.
- C. The US anchor WLC is anchored to itself with a priority value of zero.
- D. The anchor WLC is in the same mobility group.

Answer: B

NEW QUESTION 7

Which statement about AP failover priority for access points when configured with priority 1 or 4 is true?

- A. When configured with priority 1, the access point is assigned with the highest priority level and it is marked as critica
- B. This access point fails over before other access points with the lower priority when there is primary controller failure.
- C. When configured with priority 4, the access point is assigned with the highest priority level and it is marked as critica
- D. This access point fails over before other access points with the lower priority when there is primary controller failure.
- E. When configured with priority 4, the access point is assigned with the lowest priority level and it is marked as lo
- F. This access point fails over after other access points with the higher priority when there is primary controller failure.
- G. When configured with priority 1, the access point is assigned with the medium priority level and it is marked as mediu
- H. This access point fails over after other access points with the higher priority when there is primary controller failure.

Answer: B

NEW QUESTION 8

An engineer must ensure that the wireless network can accomplish fast secure roaming by way of caching keys on the access points. Which key caching mechanism is enabled by default on a Cisco AireOS WLC?

- A. SKC
- B. OKC
- C. 802.11r
- D. CCKM

Answer: D

NEW QUESTION 9

Which CLI command does an engineer use to validate that the redundancy peer of a Stateful Switchover pair of controllers is up and connected?

- A. rping
- B. ping
- C. eping
- D. mping

Answer: B

NEW QUESTION 10

A network engineer is configuring high availability on an access point. What is the maximum number of controllers that can be configured?

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

Answer: B

NEW QUESTION 10

A wireless engineer is utilizing the voice readiness tool in Cisco Prime for a customer that wants to deploy Cisco IP phones. Which dBm range is the network inspected against?

- A. -78 to -65 dBm B.-72 to -67 dBm
- B. 85 to -65 dBm
- C. -85 to -67 dBm

Answer:

D

NEW QUESTION 15

A customer has determined that aesthetics is a primary concern for their upcoming guest deployment. Which design consideration can be leveraged to address this concern?

- A. Paint the access point to cover the LED from being noticeable.
- B. Use enclosures to hide the wireless infrastructure in the surrounding environment.
- C. Use AIR-AP-BRACKET-1 to allow for greater mounting locations
- D. Deploy environmentally friendly cabling components to blend into the environment.

Answer: D**NEW QUESTION 18**

A customer has two Cisco 550B WLCs that manage all the access points in their network and provide N+1 redundancy and load balancing. The primary Cisco WLC has 60 licenses and the secondary Cisco WLC has 40. The customer wants to convert the N+1 model to an HA model and provide SSO. Configuration must be performed during a maintenance window. After performing all the configurations on both controllers, the config redundancy unit secondary command is issued on the secondary Cisco WLC and it fails. Which parameter needs to be in place to complete the configuration?

- A. A cable in the RP port
- B. The secondary Cisco WLC needs a minimum of 50 base licenses
- C. The primary Cisco WLC is already set as the secondary unit.
- D. SSO needs to be enabled

Answer: B**NEW QUESTION 19**

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