

300-425^{Q&As}

Designing Cisco Enterprise Wireless Networks (ENWLSD)

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QUESTION 1

A wireless network consists of: two IOS XE controllers installed in a data center 9100 series APs corporate and a guest WLAN

The customer must high availability pair two Cisco WLCs for the client SSO. Which two design approaches must the engineer take to meet the requirement? (Choose two.)

- A. The controllers must have the same number of licenses.
- B. Both WLCs must have the same redundancy management IP address.
- C. Both WLCs must have the same service port IP address.
- D. Each WLC must have a unique redundancy management IP address.
- E. The controllers must run the same operating system version.

Correct Answer: BE

QUESTION 2

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 critical. This access point fails over before other access points with the lower priority when there is primary controller failure.
- B. When configured with priority 4, the access point is assigned with the highest priority level and it is marked as critical. 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 lowest priority level and it is marked as low. This access point fails over after other access points with the higher priority when there is primary controller failure.
- D. When configured with priority 1, the access point is assigned with the medium priority level and it is marked as medium. This access point fails over after other access points with the higher priority when there is primary controller failure.

Correct Answer: B

Reference:

N+1 Redundancy

AP Failover Priority

- Assign priorities to APs: Critical, High, Medium, Low
 - Critical priority APs get precedence over all other APs when joining a controller
 - In a failover situation, a higher priority AP will be allowed to join ahead of all other APs
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QUESTION 3

Guest anchoring is configured for a newly created SSID for your company. It has been noticed that the mobility tunnels are not up, and that MPING fails from your foreign WLC to the anchor WLC. What is the reason that it is failing?

- A. A rule is needed at the firewall to allow UDP port 16666 for communication to work.
- B. A rule is needed at the firewall to allow UDP port 97 for communication to work.
- C. A rule is needed at the firewall to allow TCP port 97 for communication to work.
- D. A rule is needed at the firewall to allow TCP port 16666 for communication to work.

Correct Answer: A

Reference:

- UDP 16666 for tunnel control traffic
 - IP Protocol 97 for user data traffic
 - UDP 161 and 162 for SNMP
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QUESTION 4

A network administrator of a global organization is collapsing all controllers to a single cluster located in central Europe.

Which concern must be addressed?

- A. Some channels may not be available consistently across the organization.
- B. Different RF policies per office are not available in this configuration.
- C. Syslog must be configured to the time-zone of the NMS platform.
- D. Centralized controllers cannot uniformly authenticate global users.

Correct Answer: C

Reference:

https://www.cisco.com/c/en/us/td/docs/wireless/controller/technotes/86/b_Cisco_Wireless_LAN_Controller_Configuration_Best_Practices.html

QUESTION 5

An engineer changed the TPC Power Threshold for a wireless deployment from the default value to -65 dBm. The engineer conducts a new post-deployment Survey to validate the results. What is the expected outcome?

- A. Increase cell size
- B. Decreased client signal strength
- C. Increased received sensitivity
- D. Decreased channel overlap

Correct Answer: A

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