300-425 Q&As

Designing Cisco Enterprise Wireless Networks (ENWLSD)

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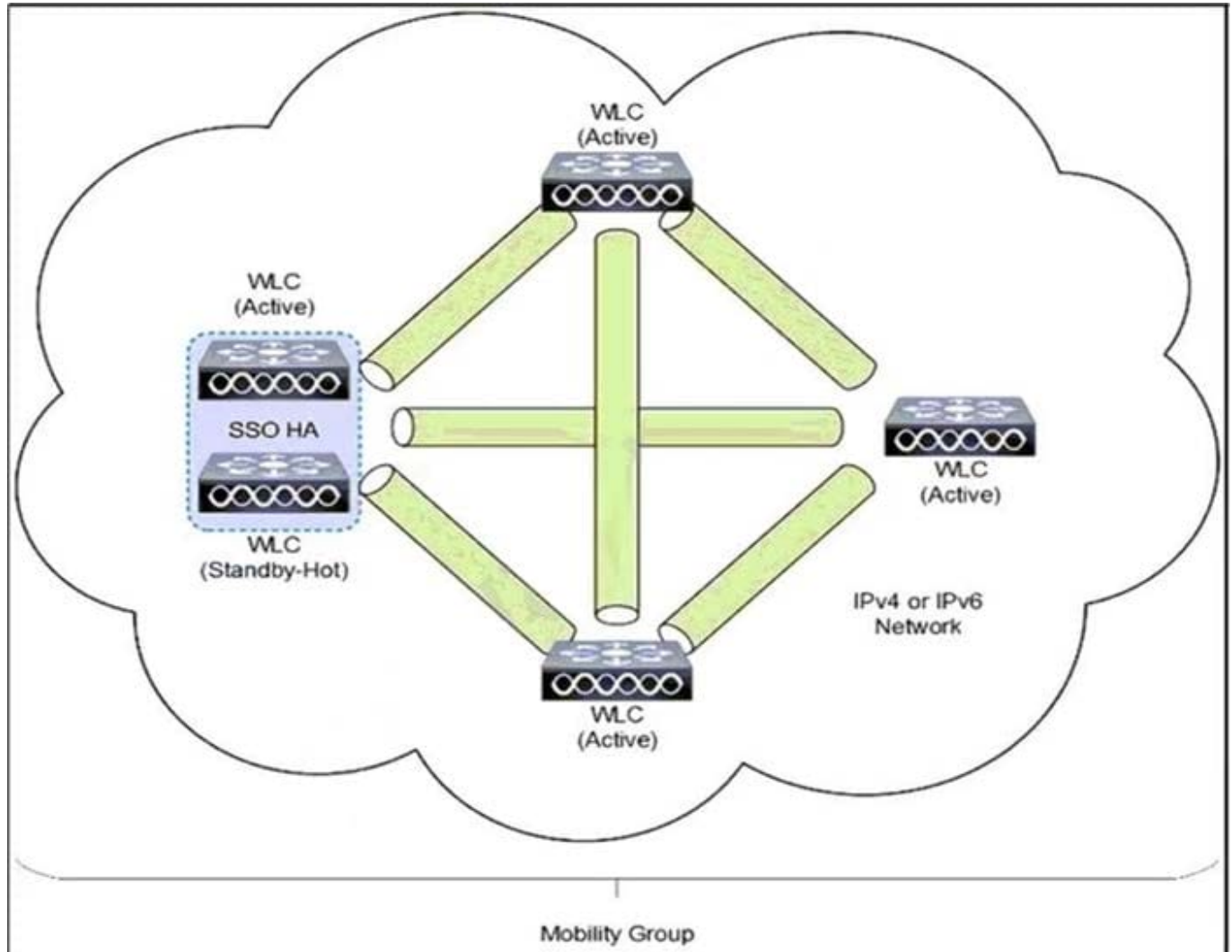
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QUESTION 1

Refer to the exhibit.

An engineer must design a mobility group that has these requirements:

The mobility group must consist of five WLCs.

All WLCs must run software version 8.0 or later.

The WLCs must connect via an IPv4 network.

Two of the WLCs must be in an SSO high availability pair.

Which two configurations must be included in the design? (Choose two.)

A. All the WLCs must be of the same model or type.

B. Only WLCs in an SSO high availability pair must use the same virtual IP address.

C. The WLAN SSID must be consistent across all the WLCs.

D. All the WLCs must run the same software version.

E. Each WLC must use the same mobility domain name.

Correct Answer: DE

QUESTION 2

A wireless deployment in a high-density environment is being used by vendors to process credit card payment transactions via handheld mobile scanners. The scanners are having problems roaming between access points in the environment. Which feature on the wireless controller should have been incorporated in the design?

A. RX SOP

B. 802.11w

C. AP Heartbeat Timeout

D. Application Visibility Control

Correct Answer: A

Reference:
https://www.cisco.com/c/en/us/td/docs/wireless/controller/8-5/configguide/b_cg85/advanced_wireless_tuning.html

QUESTION 3

An engineer must create a multicampus architecture wireless design to accommodate 4500 access points for wireless data and guest access. Which model controller fits the requirements to support all access points on one high availability controller setup?

A. 3504

B. 5508

C. 5520

D. 8540

Correct Answer: D

QUESTION 4

A network engineer is designing a new wireless network. The network needs to have these characteristics:

- support high client concentration
- optimize client performance
- avoid interference

Which approach should be taken?

A. Deploy APs near each other for 5 GHz coverage, and disable the 2.4 GHz radios for some Aps.

B. Deploy APs near each other for 2.4 GHz coverage, and disable the 5 GHz radios for all APs.

C. Deploy APs near each other for 5 GHz coverage, and enable the 2.4 GHz radios for all Aps.

D. Deploy APs near each other for 2.4 GHz coverage, and disable the 5 GHz radios for some APs.

Correct Answer: A

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

A customer is looking for a network design with Cisco Hyperloctation using AP4800 for location tracking via a custom mobile app Issues appeared in the past with refresh rates for location updates. What needs to be implemented to meet these requirements?

A. Cisco CMX SDK in the location app

B. redundant CMX and fetch location in round-robin fashion.

C. device Bluetooth via the app

D. Cisco FastLocate technology

Correct Answer: D

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