300-425 Dumps

Designing Cisco Enterprise Wireless Networks (ENWLSD)

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NEW QUESTION 1
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 othe
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 othe
F. Mobility groups constrain the distribution of security context of a client and also constrain AP fail-over between controllers.

Answer: C

NEW QUESTION 2
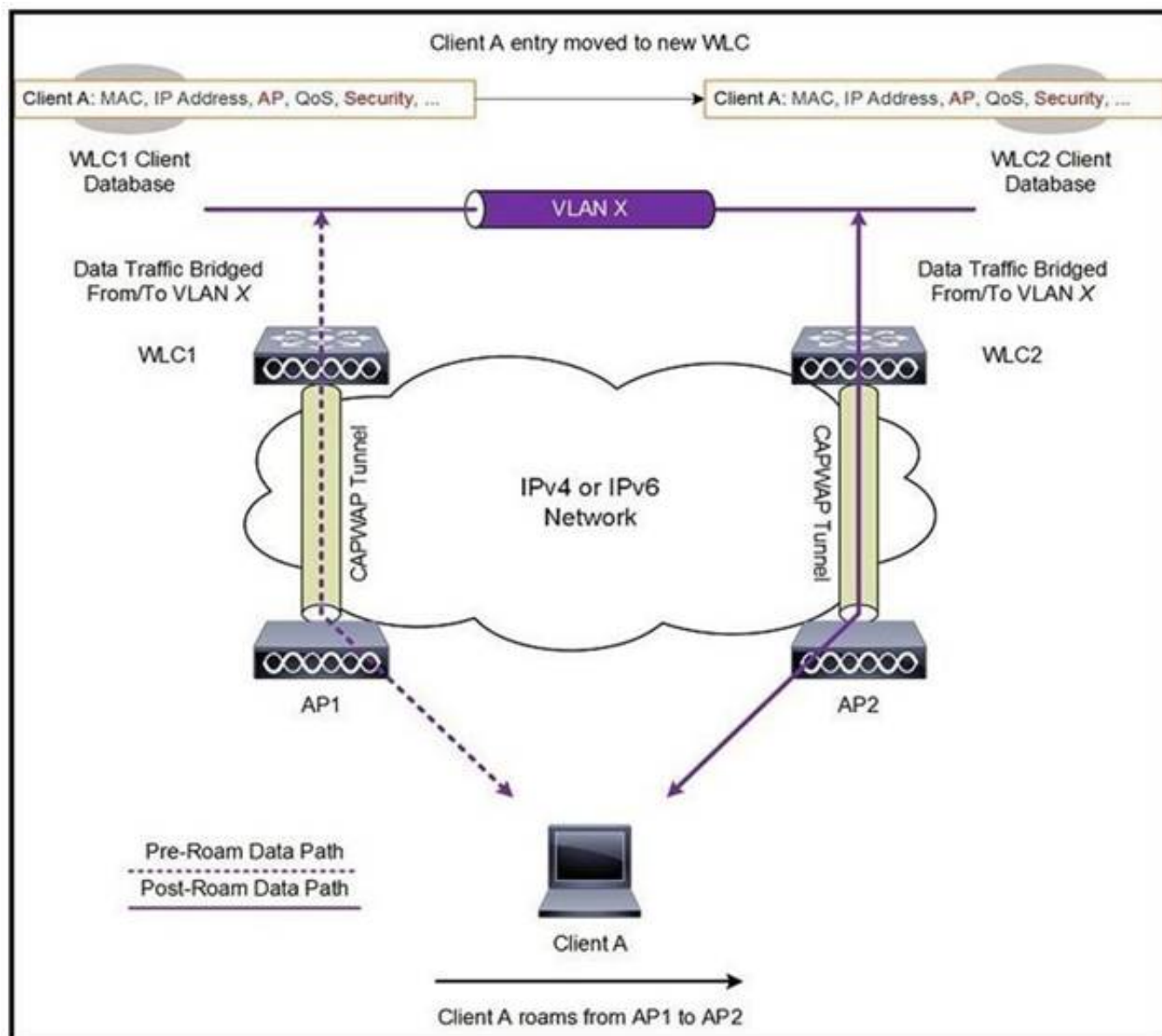
Refer to the exhibit. A client roams between two APs that are registered to two different controllers, where each controller has an interface in the client subnet. Both controllers are running AireOS. Which scenario explains the client roaming behavior?

A. Controllers exchange mobility control messages (over UDP port 16666) and the client database entry is moved from the original controller to the new controller.
B. Controllers do not exchange mobility control messages (over UDP port 16666) and the client database, entry is not moved from the original controller to the new conrtoller.
C. Controllers exchange mobility control messages (over UDP port 16666) and a new client session is started with the new controller.
D. Controllers exchange mobility control messages (over UDP port 16666) and the client database entry is tunneled from the original controller to the new controller.

Answer: A

NEW QUESTION 3
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 4
A wireless network consultant must assess an existing wireless LAN controller. Which section must the consultant check before replacing the old APs with APs that are IEEE 802.11ac-capable?

A. number of AP licenses

B. controller PSU
C. throughput capacity
D. software version

Answer: A

NEW QUESTION 5
Clustering Cisco WLCs into a single RF group enables the RRM algorithms to scale beyond the capabilities of a single Cisco WLC. How many WLC and APs in an RF group can the controller software scale up to in WLC release 8.9 depending on the platform?

A. up to 20 WLCs and 1000 APs
B. up to 20 WLCs and 3000 APs
C. up to 20 WLCs and 4000 APs
D. up to 20 WLCs and 6000 APs

Answer: D

NEW QUESTION 6
An engineer has successfully configured high availability and SSO using two Cisco 5508 Wireless LAN Controllers. The engineer can access the Active Primary WLC, but the Secondary Standby WLC is not accessible. Which two methods allow access to the standby unit? (Choose two.)

A. via the console connection
B. SSH to the redundancy management interface of the primary WLC
C. SSH to the service port interface
D. SSH to the virtual interface of the secondary WLC
E. SSH to the management interface of the primary WLC

Answer: AC

NEW QUESTION 7
An engineer is performing a predictive wireless design for a medical treatment environment, which requires data and voice services. What is the minimum requirement for the design?

A. overlapping -72 dBm coverage from two access points
B. continuous -67 dBm coverage from one access point
C. continuous -72 dBm coverage from one access point
D. overlapping -67 dBm coverage from two access points

Answer: B

NEW QUESTION 8
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 9
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 10
A wireless engineer is performing a post verification of a wireless network. Which two metrics does the engineer verify to ensure that the wireless network can support voice services? (Choose two.)

A. The coverage area must have a noise floor that does not exceed -87 dBm.
B. The client device must have at least an -67 dBm RSSI.
C. The rate of retransmitted packets must be 15 percent or below.
D. The rate of retransmitted packets must be 20 percent or below.
E. The client device must have at least an -65 dBm RSSI.

Answer: BC

NEW QUESTION 10
When conducting a site survey for real-time traffic over wireless, which two design capabilities of smartphones and tablets must be considered? (Choose two.)

A. no support for 802.11ac
B. higher data rates than laptops
C. fewer antennas than laptops
D. no support for 802.11r
E. lower data rates than laptops

Answer: BC

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
What causes the most signal attenuation, based on the wireless design tools?

A. cinder block wall
B. metal door
C. glass wall
D. office window

Answer: B

NEW QUESTION 20
During a client roaming event, which device is responsible for communicating the new Layer 2 EID mapping of a wireless supplicant to the fabric domain?

A. WLC
B. BN
C. CP2
D. CP1

Answer: A

NEW QUESTION 23
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