



300-425^{Q&As}

Designing Cisco Enterprise Wireless Networks (ENWLSD)

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QUESTION 1

An engineer is designing a solution where guests terminate on an anchor controller in the DMZ. The engineer is having issues and wants to test connectivity between members of a mobility group. Which command must be issued to test whether a mobility control packet is able to be reached over the management interface?

- A. show logging
- B. mping
- C. eping
- D. tracert

Correct Answer: B

QUESTION 2

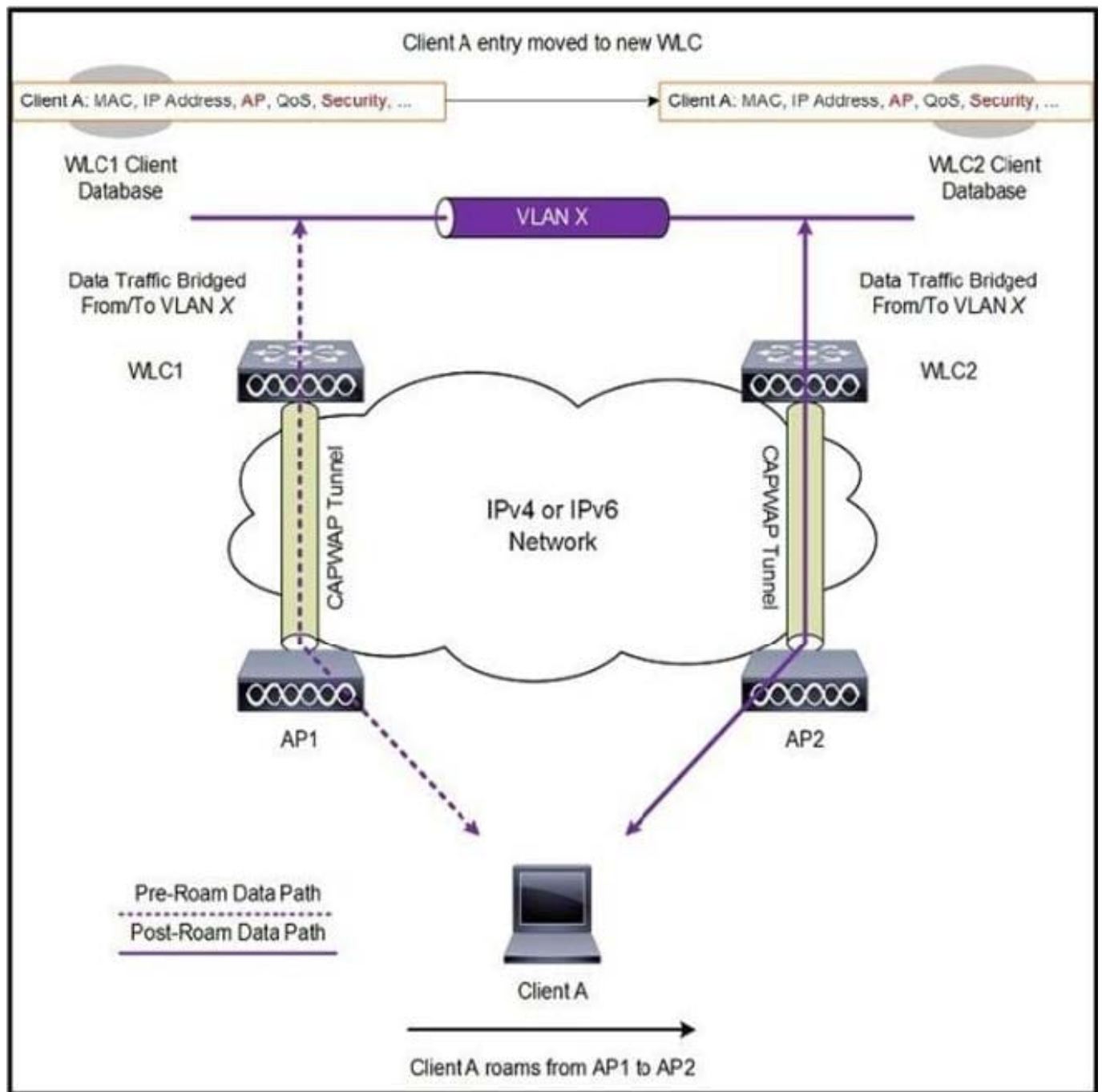
An enterprise is using a Cisco AireOS controller and Wi-Fi 6 APs. The controller is installed in the head office, and the employees primarily use Apple OS devices. The APs broadcast WLAN ENT-WLAN406558520-1 for the employees and a guest WLAN with similar naming. What needs to be enabled on the controller to optimize roaming?

- A. Aggregated Probe Response Optimization
- B. Fast SSID Changing
- C. Load Balancing Window
- D. Client Timers

Correct Answer: B

QUESTION 3

Refer to the exhibit.



Client A is roaming from AP1 on WLC1 to AP2 on WLC2. The client roams between two APs registered to two different controllers. The WLAN on the two controllers is on a different subnet. Which scenario explains the client's roaming behavior?

- A. The client database entry is different than that of Layer 2 roam. (Instead of copying, it moves the database to the new controller.)
- B. The client database entry is different than that of Layer 2 roam. (Instead of moving, it copies the database to the new controller.)
- C. The client database entry is different than that of Layer 2 roam because the client database is neither moved nor copied into the new controller.

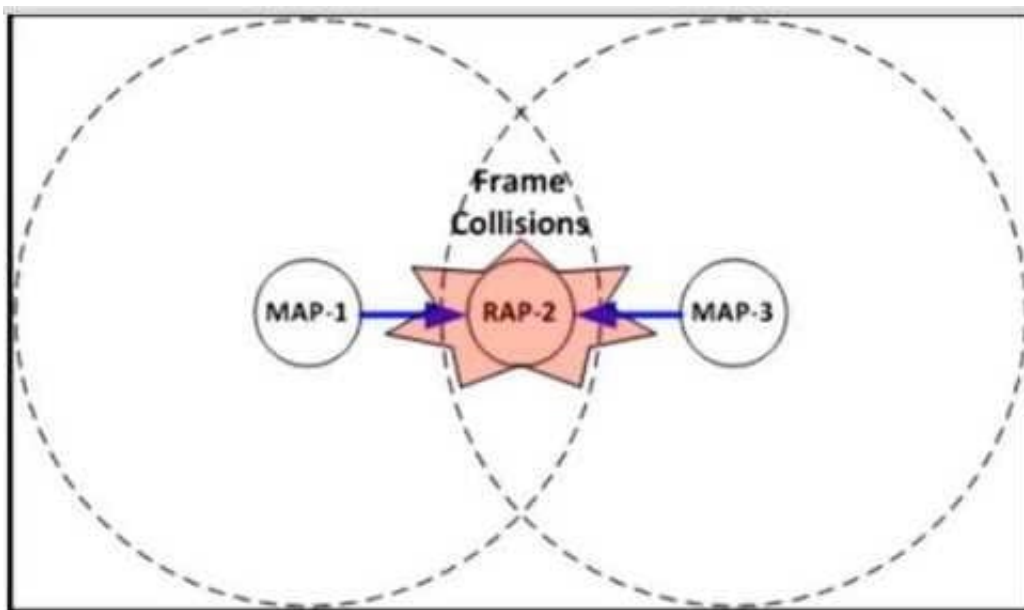


D. The client database remains in the mobility anchor controller and it is not copied or moved.

Correct Answer: B

QUESTION 4

Refer to the exhibit.



During a post Mesh deployment survey, an engineer notices that frame collisions occur when MAP-1 and MAP-3 talk to RAP-2. Which type of issue does the engineer need to address in the design?

- A. co-channel interference
- B. backhaul latency
- C. hidden node
- D. exposed node

Correct Answer: C

Reference: <https://www.cisco.com/en/US/docs/solutions/Enterprise/Mobility/emob30dg/WiMesh.pdf>

QUESTION 5

A customer has this wireless design: two Cisco Catalyst 9800 Series wireless controllers that are configured in a high-availability SSO cluster to manage the APs in a local office network 100 APs in local mode that are registered to the high-availability cluster one Catalyst 9800 Series wireless controller that is deployed as an anchor in a DMZ a CAPWAP tunnel in UP state between the high-availability cluster and the anchor WLC



The customer wants the anchored traffic to remain up if a single WLC in the high-availability cluster fails. How must this requirement be incorporated into the design?

- A. Configure the APs with the high-availability cluster as the primary base.
- B. Deploy EMC APs as anchors and configure a high-availability cluster.
- C. Create a separate EoIP tunnel for each WLC in the high-availability cluster.
- D. Configure the mobility MAC address for the high-availability cluster.

Correct Answer: D

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