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**Exam : 300-425**

**Title : Designing Cisco Enterprise  
Wireless Networks  
(ENWLSD)**

**Version : DEMO**

1. 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**

**Explanation:**

<https://www.cisco.com/c/dam/en/us/td/docs/cloud-systems-management/network-automation-and-management/dna-center/deploy-guide/cisco-dna-center-sd-access-wl-dg.pdf>

2. A wireless engineer is hired to design a network for a technology company. The company campus has four buildings and a warehouse with access points that provide full wireless coverage as well as a pair of WLCs located in the core of the network.

Which type of wireless architecture is being used?

- A. unified deployment
- B. autonomous deployment
- C. centralized deployment
- D. distributed deployment

**Answer: C**

3. A technician connects a Cisco Aironet 3700 Series access point to a switch and realizes that the AP is coming up with 3x3 MIMO.

Which reason explains this behavior?

- A. A redundant power supply is unavailable on the switch.
- B. The switch is 802.3af capable.
- C. The AP is getting power from a power injector.
- D. The switch is PoE+ capable.

**Answer: D**

4. A wireless engineer must optimize RF performance for multiple buildings with multiple types of construction and user density.

Which two actions must be taken? (Choose two.)

- A. Configure Flexconnect groups for each building.
- B. Configure WMM profiles for each building.
- C. Configure AP groups for each area type.
- D. Configure RF profiles for each area type.
- E. Enable DTPC on the network.

**Answer: C,D**

**Explanation:**

[https://www.cisco.com/c/en/us/td/docs/wireless/controller/8-10/config-guide/b\\_cg810/configuring\\_ap\\_groups.html](https://www.cisco.com/c/en/us/td/docs/wireless/controller/8-10/config-guide/b_cg810/configuring_ap_groups.html)

5. An engineer has designed an anchor redundancy for guest clients connecting to SSID with auto-anchor

configured. After adding a second Anchor WLC under the SSID mobility anchor list, clients are load-balanced between existing and new anchors instead of having one anchor as active and the other one as standby.

Which feature should be included in the design that will be configured on the WLC running 8.1 or above to ensure anchor redundancy?

- A. Auto-Anchor Foreign Mapping
- B. AP groups
- C. Guest Anchor Priority
- D. 802.11r

**Answer: C**