



# 300-425<sup>Q&As</sup>

Designing Cisco Enterprise Wireless Networks (ENWLSD)

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### QUESTION 1

An engineer is designing a new wireless network for an international company. The design must have these requirements:

1.  
broadcast wireless channels based on country regulations
2.  
controllers to support APs for regulatory domains
3.  
RF changes applied on APs per country that are installed
4.  
multiple-country feature to be used on the controllers

Which design approach must be taken?

- A. Install APs and controllers with the same license number across all offices globally.
- B. Install APs and controllers with the same part number across all offices globally.
- C. Create an RF group with controllers configured with the same set of countries in the random order.
- D. Create an RF group with controllers configured with the same set of countries in the same order.

Correct Answer: D

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### QUESTION 2

A customer has a centralized wireless deployment with N+1 high availability and few open authentication SSIDs configured. After failover, all APs are broadcasting all SSIDs, but the clients are assigned IP addresses from a different subnet. The WLANs on both WLCs are configured with the same dynamic interfaces. Which feature must be incorporated in the wireless design of the second controller?

- A. RF Profile
- B. AP Groups
- C. VLAN Select
- D. AAA Override

Correct Answer: C

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### QUESTION 3



An engineer performs a wireless site survey of a multi-floor building for 2.4-GHz and 5-GHz bands. The customer wants to identify non-802.11 sources of interference. Which survey measurement must be included in the survey?

- A. channel utilization
- B. spectrum analysis
- C. signal-to-noise ratio
- D. co-channel interference

Correct Answer: B

#### QUESTION 4

A customer requires that two wireless APs be installed in a reception area, in a historic building, the impact of the APs on the appearance of the reception area must be minimized. Which two AP antennas should be used? (Choose two.)

- A. AP with a Yagi antenna
- B. AP with a patch antenna
- C. AP with a monopole antenna
- D. AP with an integrated antenna
- E. AP with a dipole antenna

Correct Answer: AB

#### QUESTION 5

A network engineer is working on a predictive WLAN design, the new wireless network must support access to Internet, email, voice, and the inventory database, to successfully support these services, which configuration must the engineer use for the signal strength levels and SNR on the planning tool?

- A. signal strength of -67 dBm, 25-dB SNR, and maximum 1 percent packet loss.
- B. signal strength of -67 dBm, 20-dB SNR, and maximum 5 percent, packet loss.
- C. signal strength of -67 dBm, 20-dB SNR, and maximum 1 percent packet loss.
- D. signal strength of -70 dBm, 30-dB SNR, and maximum 10 percent packet loss.

Correct Answer: A

<https://www.cisco.com/c/en/us/support/docs/wireless/5500-series-wireless-controllers/116057site-survey-guidelines-wlan-00.html>