

# Pass Guaranteed Quiz Authoritative 300-425 - New Designing Cisco Enterprise Wireless Networks Exam Testking

Cisco 300-425 Designing Cisco Enterprise Wireless Networks  
For 300-425 New Exam Only

**Unique, Full Length Exams - New Cisco 300-425 Practice Exam**

A minor mistake may result you to lose disaster even losing out on your 300-425 exam. So we avoid minor mistakes while completing the 300-425 learning guide. The questions of our 300-425 practice exams can be expressed in words like clarity, correctness and completeness. Figures expressed here in help you to clarify the knowledgeable and understandable were what cannot be misunderstood.

**WLAN High Availability**

The questions from this section cover 20% of the entire content and are dedicated to evaluating the following abilities of the candidate:

- Design high availability for various controllers, including a master redundancy through LAG.
- Design high availability for APs, including dual hot standby, secondary, and using summary as AP prioritization.

**Cisco Designing Cisco Enterprise Wireless Networks Sample Questions (Q59-Q64):**

**NEW QUESTION # 59**

A customer has 10 access points available on their master Cisco WLC and their primary Cisco WLC is at full capacity. 5 access points are set to high failure priority and 7 access points are set to critical failure priority. During a failure, not all critical access points fail over to the backup Cisco WLC. What configuration is the cause of this issue?

- A. failover priority is set to enable.
- B. failover priority is set to disable.
- C. The critical priority access point count is overwhelmed.
- D. summary ap priority is set to disable.

**Answer: C**

**Explanation:**  
<https://www.ciscosw.com/cislab/cisccn/wireless/300-425/300-425-questions/300-425-sample-questions/q59-q64/>

**NEW QUESTION # 60**

A network engineer is designing a wireless network to support real-time applications over wireless. Which IEEE standard must the engineer enables on the WLC so that the number of packets that are exchanged between an access point and client are reduced and functioning occurs?

- A. 802.11e
- B. 802.11n

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Cisco 300-425 Exam, also known as Designing Cisco Enterprise Wireless Networks (ENWLS), is designed for network engineers and wireless network designers who want to validate their skills in designing and implementing Cisco wireless solutions. It is part of the requirements for the Cisco Certified DevNet Professional and Cisco Certified Design Expert (CCDE) certifications.

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## Pass Guaranteed Quiz 2026 300-425: Designing Cisco Enterprise Wireless Networks Authoritative New Exam Testking

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Cisco 300-425 Exam validates the candidates' knowledge and skills in designing wireless networks, including site surveys, wireless network design, and wireless infrastructure implementation. 300-425 exam also covers topics such as wireless design models, WLAN high availability, and wireless security solutions. Designing Cisco Enterprise Wireless Networks certification exam assesses the candidates' ability to design and optimize wireless networks to meet the requirements of their organizations.

## **Cisco Designing Cisco Enterprise Wireless Networks Sample Questions (Q142-Q147):**

### **NEW QUESTION # 142**

How does AP failover priority for access points function when configured with priority 1 or 4?

- A. When configured with priority 4, the access point is assigned with the highest priority level and it is marked as critical. This access point fails over before other access points with the lower priority when there is primary controller failure.
- B. When configured with priority 1, the access point is assigned with the highest priority level and it is marked as critical. 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 lowest priority level and it is marked as low. This access point fails over after other access points with the higher priority when there is primary controller failure.
- D. When configured with priority 1, the access point is assigned with the medium priority level and it is marked as medium. This access point fails over after other access points with the higher priority when there is primary controller failure.

### **Answer: B**

Explanation:

In Cisco wireless networks, access points can be configured with failover priorities ranging from 1 to 4, with 1 being the highest priority and 4 being the lowest. An access point with priority 1 is considered critical and will be given preferential treatment in failover situations, ensuring that it reconnects to a backup controller before access points with lower priorities

### **NEW QUESTION # 143**

An engineer is designing an outdoor mesh network to cover several sports fields. The core of the network is located in a building at the entrance of a sports complex. Which type of antenna should be used with the RAP for backhaul connectivity?

- A. 5 GHz. 14-dBi patch antenna
- B. 5 GHz. 8-dBi omnidirectional antenna
- C. 2.4 GHz. 8-dBi patch antenna
- D. 2.4 GHz. 14-dBi omnidirectional antenna

### **Answer: B**

Explanation:

Explanation

[https://www.cisco.com/c/en/us/products/collateral/wireless/aironet-antennas-accessories/product\\_data\\_sheet.html](https://www.cisco.com/c/en/us/products/collateral/wireless/aironet-antennas-accessories/product_data_sheet.html)

### **NEW QUESTION # 144**

A customer has two Cisco 550B WLCs that manage all the access points in their network and provide N+1 redundancy and load balancing. The primary Cisco WLC has 60 licenses and the secondary Cisco WLC has 40. The customer wants to convert the N+1 model to an HA model and provide SSO. Configuration must be performed during a maintenance window. After performing all the configurations on both controllers, the config redundancy unit secondary command is issued on the secondary Cisco WLC and it fails. Which parameter needs to be in place to complete the configuration?

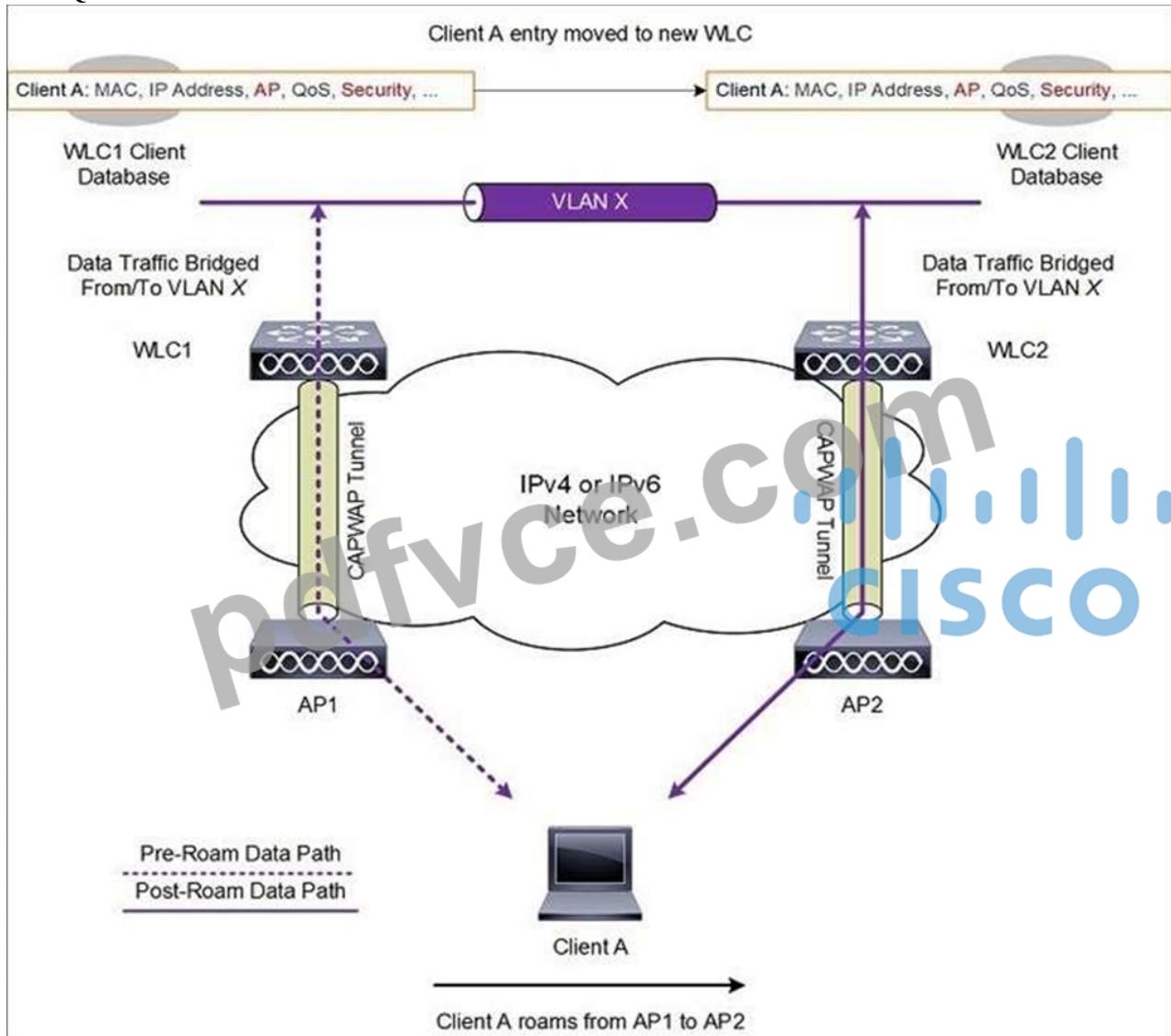
- A. SSO needs to be enabled
- B. The primary Cisco WLC is already set as the secondary unit.
- C. A cable in the RP port
- D. The secondary Cisco WLC needs a minimum of 50 base licenses

**Answer: D**

Explanation:

- With Release 7.4, an HA-SKU secondary controller can be configured as a backup controller for N+1 HA. For example, the following can be used as an HA-SKU controller:
  - 5508 Series Standalone controller with 50 AP license

**NEW QUESTION # 145**



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 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 controller.
- B. Controllers exchange mobility control messages (over UDP port 16666) and the client database entry is tunneled from the original controller to the new controller.
- 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 moved from the original controller to the new controller.**

**Answer: D**

## NEW QUESTION # 146

Which Wi-Fi 6 feature allows multiple clients to share the same channel at the same time?

- A. MU-MIMO
- B. OFDMA
- C. Beamforming
- D. RRM

**Answer: B**

## NEW QUESTION # 147

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