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The advertisement is a rectangular graphic with a blue border. At the top, the number '300-425' is written in large, bold, blue font. Below it, the text 'Designing Cisco Enterprise Wireless Networks' is written in a smaller, blue font. To the right of this text is an illustration of a graduation cap on top of a stack of books, with a laptop and a smartphone nearby. Below the illustration, the text 'Certification Questions & Exams Dumps' is written in white font on a blue background. At the bottom, the website 'www.edurely.com' is written in blue font on a white background.

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APP test engine of Cisco 300-425 exam is popular with at least 60% candidates since all most certification candidates are fashion and easy to adapt to this new studying method. Someone thinks that APP test engine of 300-425 exam is convenient to use any time anywhere. Also part of candidates thinks that this version can simulate the real scene with the real test. If you can open the browser you can learn. Also if you want to learn offline, you should not clear the cache after downloading and installing the APP test engine of 300-425 Exam.

## What Study Guides Can You Use to Cover 300-425 Topics?

The Cisco Press provides support to candidates for 300-425 test through expert-written books. The CCNP Enterprise Wireless Design 300-425, which is the official guide, allows for one to gain success in the final exam. The book authors are Robert Barton, Jerome Henry, and David Hucaby. These wireless networking experts have developed the book with amazing content that investigates varied aspects of the Cisco 300-425 test. It also was written to cover the requirements of 300-430, which is another concentration test. It authoritatively explains the content in every topic while using practical examples to make you have the right perspective of the same. Particularly, it looks deeply into all the layers of wireless networks and has realistic papers for practice. Here is more of what to draw from this great study guide:

- Exhaustive performance reports;
- An exam revision routine that has been ascertained to assist in a good exam performance;
- Test preparation software from Pearson that includes numerous well-reviewed questions which are exam-related;
- Key tables on topics at the end of each chapter to enable you to drill yourself on the core concepts about the official exam;

Another vital book that takers for 300-425 test might wish to utilize is the **Cisco Wireless Network Design Guide**. This study guide by **Shaun Hummel** is available on Amazon and covers the basics of wireless design regarding Cisco networks. Simply put, it delves into an effective methodology that one can use to plan and design wireless networks. The book is best for reference purposes but it can be a great addition to your revision resources for the real validation, which scrutinizes wireless principles, techniques & technologies as well as acts as a practical guide for the purpose of designing networks. Included as well is a case study to assist in bringing out actual scenarios and strategies to address them. The readers can also make proper use of the chapter quizzes to evaluate themselves on how they are absorbing the content.

## Highlights of Exam Topics

Cisco 300-425 evaluates the candidates' knowledge of various topic areas or knowledge domains. The skills measured in this exam are combined in the following objectives:

- **Wireless Site Survey (25%)**

Within this section, the students need to demonstrate how good they can collect design requirements and also evaluate constraints. It means that they have to be conversant with determining client density, AP type, real-time applications, deployment type, and security. The topic also covers the learners' expertise in describing material attenuation and its impact on wireless design, performing a predictive site survey, a pre- and post-deployment site survey, as well as utilizing planning tools and evaluating key network metrics (Spectrum Analyzer, PI, Chanalyzer, AirMagnet, and Ekahau).

- **WLAN High Availability (20%)**

This domain includes designing high availability for controllers. The questions under this knowledge area are designed to test the candidates' knowledge of stateful switchover (SSO) and ensure network availability through LAG. The examinees should also have knowledge of priority and redundancy of the anchor controller. Moreover, within the framework of this subject, they need to demonstrate their competency in designing high availability for APs. This includes fall-back (assigning tertiary, secondary, and primary) and AP prioritization.

- **Wired and Wireless Infrastructure (30%)**

In the framework of this objective, the test takers should demonstrate their knowledge and ability to determine physical infrastructure requirements, such as grounding, mounting, switch port, capacity, cabling, and AP power. They also need to know how to determine logical infrastructure requirements, for example, AP/WLC licensing requirements according to the type of wireless architecture. The topic also covers their expertise in designing radio management, high-density wireless networks, and applying design requirements for various types of wireless networks, such as data, voice and video, hyperlocation, and location. The applicants also need to show their capability of designing wireless bridging (mesh). This includes roaming, modes of operation, WGB, and Ethernet bridging.

- **Mobility (25%)**

This area evaluates the individuals' skills in designing mobility groups according to the roles and validating tunneling for control path and data. It also measures their competency in optimizing client roaming.

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## Cisco Designing Cisco Enterprise Wireless Networks Sample Questions (Q85-Q90):

### NEW QUESTION # 85

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

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

**Answer: B**

Explanation:

Metal doors cause the most signal attenuation in wireless design due to the properties of metal reflecting and absorbing radio waves, which can significantly reduce signal strength. Unlike materials such as cinder block or glass, metal can create a complete barrier for

the signal, leading to a phenomenon known as "Faraday Cage" effect, where the metallic enclosure blocks electromagnetic fields.  
References: Designing Cisco Enterprise Wireless Networks (ENWLSD 300-425)

#### NEW QUESTION # 86

An engineer must create data link redundancy for the company's Cisco Wireless LAN controller. The engineer has decided to configure LAG-based redundancy instead of port-based redundancy. Which three features of LAG-based redundancy influenced this decision? (Choose three.)

- A. The same port has multiple untagged dynamic interfaces.
- B. All interface traffic passes as long as one port is up.
- C. Packets are always sent out on the same port they are received on.
- D. Interface connection to two separate nonstacked switches is available.
- E. Ports are grouped into multiple LAGs.
- F. Full bandwidth of all links is available.

**Answer: B,D,F**

Explanation:

The decision to configure LAG-based redundancy is influenced by the following features:

\* B. All interface traffic passes as long as one port is up: This ensures that the wireless LAN controller can continue to operate and manage traffic as long as at least one port in the LAG is functioning, providing a robust failover solution1.

\* D. Interface connection to two separate nonstacked switches is available: LAG allows for connections to multiple switches, which can provide redundancy and higher availability compared to single switch connections1.

\* E. Full bandwidth of all links is available: With LAG, the combined bandwidth of all active ports is available, enhancing the throughput capabilities of the wireless LAN controller1.

CCNP Enterprise Wireless Design ENWLSD 300-425 and Implementation ENWLSI 300-430 Official Cert Guide Premium Edition and Practice.

#### NEW QUESTION # 87

An engineer is designing a mesh wireless network. The network must full these requirements:

\* bridge mode APs must be used

\* WPA2-PSK

\* minimize wireless traffic tunneled to the WLC

- A. Flex + Bridge
- B. bridge RAP
- C. bridge MAP
- D. FlexConnect

**Answer: D**

Explanation:

FlexConnect mode is ideal for branch offices and remote locations where it's necessary to minimize wireless traffic tunneled back to the Wireless LAN Controller (WLC). In FlexConnect mode, APs can perform client authentication locally and bridge traffic onto the local network. Reference: CCNP Enterprise Wireless Design ENWLSD 300-425 and Implementation ENWLSI 300-430 Official Cert Guide.

#### NEW QUESTION # 88

A customer has a Wi-Fi network that is designed to support video over Wi-Fi. The Wi-Fi network has good coverage; however, video multicast traffic is unreliable. Video multicast traffic is reliable on the wired portion of the network. Which performance value indicates an issue with the Wi-Fi multicast traffic?

- A. latency
- B. jitter
- C. throughput
- D. packet error rate



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