Designing Cisco Enterprise Wireless Networks Training

Duration: **5 Day**

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Overview

This course introduces participants to the advanced concepts required for designing Cisco wireless networks in enterprise environments. Through scenario-based learning, learners explore wireless design methodology, Cisco product capabilities, and validation techniques—preparing them for the 300-425 ENWLSD exam and professional roles in wireless networking. With practical insights from initial planning to post-deployment evaluation, this course equips attendees to implement high-performing, resilient wireless designs tailored to enterprise needs.

Prerequisites

Participants should have:

- General understanding of networking and wireless fundamentals
- Familiarity with routing and switching concepts
- Prior knowledge recommended from Cisco courses such as:
  - Implementing and Operating Cisco Enterprise Network Core Technologies (ENCOR)
  - Understanding Cisco Wireless Foundations (WLFNDU)

Target audience

This course is designed for:

- Wireless design engineers and wireless engineers
- Network engineers, administrators, and managers
- Technical solutions architects and consulting systems engineers
- Systems and sales engineers supporting wireless infrastructure

What You Will Learn

By the end of this course, learners will be able to:

- Describe the structured wireless design methodology recommended by Cisco
- Explain industry standards, protocols, and wireless certifications
- Analyse wireless technologies and assess their relevance in enterprise designs
- Implement enhanced Cisco wireless features and understand their applications
- Design enterprise-grade mobility solutions including roaming and Work Group Bridges
- Plan and execute vertical-specific and application-specific wireless designs
- Address advanced scenarios including bridging, mesh, and Cisco CMX
- Conduct site surveys and apply validation methodologies
- Utilise third-party planning tools effectively
- Complete the final phases of a wireless design project with confidence