

Designing Cisco Enterprise Wireless Networks (ENWLSD) 2.0

Course Duration: 40 Hours (5 Days)

Overview

The Designing Cisco Enterprise Wireless Networks (ENWLSD) 2.0 certification focuses on equipping professionals with the skills to design Cisco wireless networks. It covers fundamental concepts such as wireless standards, site surveys, mobility, and WLAN high availability. This certification is crucial for validating a network engineer's ability to design scalable, resilient, and secure wireless networks that meet business needs. Industries leverage this expertise to ensure robust wireless communication frameworks, which are critical for operations, enhancing productivity, and supporting evolving technology demands in areas like IoT and mobile applications, thereby maintaining competitive advantage and operational efficiency.

Audience Profile

- Network designers and engineers
- Systems and support engineers
- Wireless professionals pursuing Cisco certifications
- IT professionals working in enterprise network environments
- Individuals seeking to enhance their skills in wireless network design and deployment

Course Syllabus

Topics:

1. Structured Wireless Design Methodology
2. Wireless Industry Protocols and Standards
3. The Science of Wireless Technology
4. Cisco Enhanced Wireless Features
5. Cisco Mobility and Roaming
6. Wireless Design Process
7. Wireless Network Design for Specific Applications
8. Designing Wireless Networks for Specific Vertical Markets
9. Bridging and Mesh in Wireless Networks
10. Special Considerations in Advanced Wireless Designs
11. Cisco CMX and Cisco Spaces

- 12. Survey Processes
- 13. Wireless Network Design with Third-Party Tools
- 14. Wireless Network Validation Processes
- 15. Completing the Wireless Design Project