Designing Cisco Enterprise Wireless Networks (CPLL-ENWLSD)

Duration: 180 Days

The Designing Cisco Enterprise Wireless Networks (ENWLSD) Learning Path introduces you to concepts you need to know when planning advanced designs of Cisco wireless products. The Learning Path covers design specifics from scenario design concepts, through the installation phase, and into post-deployment validation.

This Learning Path prepares you for the Designing Cisco Wireless Networks (300-110 WLSD) v1.2 exam. If passed, you earn Cisco Certified Specialist - Wireless Design certification and satisfy the concentration exam requirement for the Cisco Certified Network Professional (CCNP) Wireless certification.

Skills You'll Learn:

- Gain proficiency in utilizing the latest wireless technologies, including Wi-Fi 6 (802.11ax), Wi-Fi 6E (6 GHz), and WPA3, to enhance network performance and security
- Explore the process of conducting predictive and post-deployment site surveys using industry-leading tools like Ekahau to ensure optimal network coverage and validation
- Develop the ability to create tailored wireless network designs for specific applications and vertical environments, including healthcare and warehouse settings
- Configure and integrate complex wireless features, such as Cisco mobility, roaming, workgroup bridges, Cisco CMX, and Cisco Spaces, to support seamless enterprise connectivity

Learning Path Objectives:

1. Enterprise Wireless Network Technology Foundations: Apply your foundational knowledge of diverse Wi-Fi standards and Cisco-specific features to architect and implement highly efficient, enterprise-grade wireless LAN solutions.
2. Enterprise Wireless Network Design: Develop comprehensive Wireless LAN designs by synthesizing project requirements, applying vertical-specific configurations, and integrating value-added services such as location and guest access.
3. Enterprise Wireless Network Design Tools: Leverage specialized tools and third-party software to conduct high-quality site surveys that are essential for validating and optimizing robust wireless network designs.
4. Enterprise Wireless Network Design Validation: Validate the success of your wireless designs by mastering the network validation process and interpreting post-installation survey data to ensure all customer requirements are met.