

# Designing Cisco Enterprise Wireless Networks (ENWLSD) v1.1

## What you'll learn

The Designing Cisco Enterprise Wireless Networks (ENWLSD) v1.1 training gives you the knowledge you need to design Cisco® wireless networks. The training covers design specifics from scenario design concepts through the installation phase and into post-deployment validation.

This training, including the self-paced material, helps prepare you to take the exam, Designing Cisco Enterprise Wireless Networks (300-425 ENWLSD), which leads to the CCNP® Enterprise and Cisco Certified Specialist – Enterprise Wireless Design certifications. This training also earns you 40 Continuing Education (CE) credits towards recertification.

## How you'll benefit

This training will help you:

Gain the knowledge you need to plan advanced designs of Cisco wireless products

Qualify for professional-level job roles in wireless networking

Prepare for the Designing Cisco Enterprise Wireless Networks (300-425 ENWLSD) exam

What to expect in the exam

This training will help you prepare for the Designing Cisco Enterprise Wireless Networks (300-425 ENWLSD) exam. This exam tests your knowledge of wireless network design, including site surveys, wired and wireless infrastructure, mobility, and WLAN high availability.

## After you pass 300-425 ENWLSD:

You earn the Cisco Certified Specialist – Enterprise Wireless Design certification.

You satisfy the concentration requirement for the new CCNP Enterprise certification. To complete your CCNP Enterprise certification, pass the Enterprise core exam, Implementing Cisco Enterprise Network Core Technologies (350-401 ENCOR).

Who should enroll

This training is for wireless engineers who work in the following roles:

Consulting systems engineer

Network administrator

Network engineer



Network manager

Sales engineer

Systems engineer

Technical solutions architect

Wireless design engineer

Wireless engineer

Technology areas

Networking

Wireless

Training overview

Objectives

After taking this training, you should be able to:

Describe and implement a Cisco-recommended structured design methodology

Describe and implement industry standards, amendments, certifications, and Requests For Comments (RFCs)

Describe and implement Cisco enhanced wireless features

Describe and implement the wireless design process

Describe and implement specific vertical designs

Describe and implement site survey processes

Describe and implement network validation processes

Prerequisites

Before taking this training, you should have:

General knowledge of networks

General knowledge of wireless networks

Routing and switching knowledge

Either of the following combinations of Cisco trainings can help you meet these prerequisites:

Implementing Cisco Wireless Network Fundamentals (WIFUND) and Interconnecting Cisco Networking Devices, Part 1 (ICND1)



Coming soon: Implementing and Operating Cisco Enterprise Network Core Technologies (ENCOR) and Understanding Cisco Wireless Foundations (WLFNDU)

Lab outline

Review Cisco Enhanced Wireless Features

Design a Wireless Network

Design a Wireless Network for a Specific Vertical

Design a Wireless Network that Extends Beyond the Campus (ILT output)

Use Cisco Prime Infrastructure as a Design Tool

Create a Predictive Site Survey with Ekahau Pro

Review a Live Site Survey Using Access Point on a Stick (APoS)

Simulate a Post-installation Network Validation Survey