



Deploying Cisco Wireless Enterprise Networks (WIDEPLOY) v1.0

This course prepares network professionals with information to deploy wireless networks using Cisco controller and unified switching architectures policies and best practices, as well as ensure the proper implementation of mobility standards and proper configuration of all aspects of wireless components. It provides students with hands-on labs to ensure students thoroughly understand how to configure and deploy the new Cisco 8.0, Prime Infrastructure release 2.2, and Mobility Services Engine release 8.0 features.

Course Objectives

Upon completing this course, the student will be able to meet these objectives:

- Define and deploy WLAN infrastructure for mobility
- Implement controller and AP High Availability
- Design and implement high density wireless solutions
- Design and implement Flex Connect architectures
- Describe and implement wireless bridging (Mesh) technologies
- Describe and implement QoS for wireless applications
- Describe and implement multicast over wireless
- Manage wireless services with Cisco Prime Infrastructure
- Implement base and context mobile experience Cisco MSE architecture

Who Should Attend

The primary audience for this course is as follows:

- Network Engineers
- Network Administrators
- Network Managers
- System Engineers

Prerequisites

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

And knowledge of the following:

- Cisco Prime Infrastructure
- Cisco Identity Services Engine
- Metageek Channelizer Software
- Voice Signaling Protocol
- Basic QoS
- Application Visibility and Control
- LAN switching

Course Outline

Module 1: Deploy a Wi-Fi Infrastructure

- Preparing for the Deployment
- Determining the Type of Wireless Design
- Planning the Base Wi-Fi Network Implementation
- Implementing the Base Wi-Fi Network Describe RF Principles

Module 2: Configure Advanced Capabilities in Data Designs

- Configuring Mobility and Roaming Capabilities
- Configuring High Availability Options
- Configuring FlexConnect Capabilities

Module 3: Configure Advanced Capabilities in Voice and Real-Time Application Designs

- Configuring QoS and AVC
- Configuring Multicast

Module 4: Configure Advanced Capabilities in Location Designs

- Configuring Location and Context-Aware Service on Cisco MSE
- Configuring Cisco CMX

Module 5: Configure Advanced Capabilities in Outdoor and High-Density Designs

- Configuring Outdoor and Mesh Capabilities
- Configuring High-Density Capabilities



Associated Certifications

CCNP Wireless

Required Exam(s)

300-365

Price

\$3,495.00

Duration

5 days

Methods of Delivery

- Instructor Led
- Distance Learning
- On-Site