

# Cisco Wireless LAN Advanced Topics (CWLAT) v2.0

Days: 4

Associated Certification: NONE

## Prerequisites

Course prerequisites are as follows:

- Basic Computer Literacy
- Knowledge of fundamental networking components and terminology
- Knowledge of the Open Systems Interconnection (OSI) reference model
- Knowledge of basic LAN components and functions

## Course Content

The Cisco Wireless LAN Advanced Topics (CWLAT) v2.0 is a technical training course targeted to internal Cisco and channel external SEs and FEs. The goal of this course is To provide System Engineers and Field Engineers with a more in-depth understanding of the most innovative and comprehensive suite of WLAN solutions in the industry, spanning a wide range of customer sizes and needs.

## Course Objectives

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

- Describe detailed technical features, functions and benefits of the controller-based architecture
- Install and setup Cisco WCS and provide the information needed to configure a WLAN using Cisco WCS
- Manage the WLAN controller-based network with the Cisco WCS
- Troubleshoot and maintain a WLAN controller-based network
- Apply advanced applications to WLAN controller-based networks
- Administer security so that the WLAN controller-based network is safe from attack

## Course Outline

Describing the Cisco Unified Wireless Network

Describing Controller-Based Architecture

Implementing the WLAN with Cisco WCS

Installing the Cisco Wireless Control System

Configuring the Cisco Wireless Control System

Managing the WLAN using the Cisco WLAN Controller

Managing the Cisco Unified Wireless Network using Cisco WCS

Managing the Cisco Unified Wireless Network using Controllers

Troubleshooting the Cisco WLAN Controller-Based Wireless Network

Describing the VoWLAN Infrastructure

Implementing the VoWLAN Infrastructure

Introducing the Cisco Wireless Location Appliance

Deploying the Mesh Network

Describing WLAN Security Design Concepts

Securing the WLAN

Configuring Cisco Secure ACS

#### **Who Should Attend**

- Channel Partner / Reseller
- Customer
- Employee