

Configuring Cisco 9800 Wireless LAN Controller (C98WLC)

Duration: 16 Hours (2 Days)

Overview

The Configuring Cisco 9800 Wireless LAN Controller (C98WLC) course provides comprehensive training on the Cisco 9800 WLC platform, designed for network professionals managing wireless networks. Through a series of modules, the course covers the introduction to the WLC, installations on various platforms like Cloud ESXi and AWS, License and certificate management, and a deep dive into the Web interface. It equips learners with the skills needed for fundamental WLC configurations, AP registration, and Authentication, and teaches advanced topics such as Interface types, Redundancy, WLAN SSID configuration, and multiple security layers for both Layer 2 (MAC filtering, WPA2, MPSK, WPA3, Local EAP) and Layer 3 (Web Auth Portal, User Authentication, Web Consent). By mastering these topics, participants will gain proficiency in deploying and managing Cisco 9800 WLC infrastructure, ensuring robust and secure wireless networks. The C9800 WLC training is beneficial for anyone looking to specialize in Cisco wireless technologies, enhancing their expertise and career opportunities in the field of network management.

Audience Profile

The Configuring Cisco 9800 Wireless LAN Controller course equips network professionals with the skills to manage advanced Cisco wireless networks.

- Network Engineers
- Network Administrators
- Wireless Design Engineers
- System Engineers
- Cisco Wireless LAN Support Specialists
- IT Professionals seeking Cisco certification
- Network Architects working with Cisco wireless solutions
- Technical Support Personnel
- Network Consultants
- Professionals responsible for the implementation and maintenance of Cisco wireless LANs

Course Syllabus

Prerequisite: Understanding Cisco Wireless Foundations (WLFNDU) v1.0 or equivalent work experience

Course Content

- WLC Introduction
- Cloud ESXi Installation
- Cloud AWS Installation
- License and Certificate Install
- Introduction to Web Interface
- WLC Configuration Fundamental

- Access Point Registration
- Access Point Authentication
- Access Point Basic Configuration
- Interface Type and Redundancy
- WLAN SSID Configuration
- WLC Access Point Sniffer Mode
- WLC DHCP
- L2 Security MAC Filtering
- L2 Security WPA2 and 802.1X
- L2 Security MPSK and iPSK
- L2 Security WPA3
- L2 Security Local EAP
- L3 Security Local Web Auth Portal
- L3 Security Local Web Auth User
- L3 Security Web Consent and Redirect
- L3 Security Web Portal Customization