

Cisco Wireless LAN Fundamentals (CWLF)

Duration 4 Days

COURSE CONTENT

The Cisco Wireless LAN Fundamentals (CWLF) is to enable SEs and FEs to offer their customers 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 modulation and spreading techniques and how it is used with various antennas.
- Describe detailed technical features, functions, and benefits of the Cisco wireless LAN products and how they compare to each other.
- Describe Aironet Desktop Utility and the Cisco Secure Services Client.
- Define the concept of using wireless devices to create a WLAN using the standalone products.
- Define concepts of using wireless devices to create a Layer 2 bridge.
- Configure a controller-based wireless network using a Cisco wireless LAN controller.
- Describe the requirement necessary for deployment and performing a site survey.
- Describe the steps, concepts, and tools available while performing a site survey.

COURSE OUTLINE

- **Module 1:** Wireless Technology: Describe detailed modulation and spreading techniques and how it is used with various antennas.
- **Module 2:** Cisco WLAN Products: Describe detailed technical features, functions, and benefits of the Cisco wireless LAN products and how they compare to each other.
- **Module 3:** Cisco Wireless Clients and Supplicants: Describe Aironet Desktop Utility and the Cisco Secure Services Client.
- **Module 4:** Standalone Access Point Administration: Define the concept of using wireless devices to create a WLAN using the standalone products.
- **Module 5:** Wireless Bridges: Define concepts of using wireless devices to create a Layer 2 bridge.
- **Module 6:** Cisco Unified WLAN Administration: Configure a controller-based wireless network using a Cisco wireless LAN controller.
- **Module 7:** Site Survey Preparation and Techniques: Describe the requirement necessary for deployment and performing a site survey.
- **Module 8:** Tools and Utilities: Describe the steps, concepts, and tools available while performing a site survey.

WHO SHOULD ATTEND

- Channel Partner / Reseller, Customer, Employee

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