

CCNA Wireless Certification

This CCNA Wireless Certification course is designed to elevate a candidate's knowledge and expertise concerning optimisation and management of Cisco Wireless Networks specifically LAN configuration, monitoring, troubleshooting, and performance analysis

Objective

At the conclusion of this CCNA Wireless certification course, individuals will have developed their knowledge concerning:

- RF Methodology and Characteristics
- WLAN Security Methods
- Cisco Network Infrastructures
- Implementation of Centralised and Converged Cisco Wireless Networks using LAN controllers
- WLAN Maintenance and Troubleshooting

Details

Duration: 12 Days

Who is this course for

Prior to undertaking this Cisco CCNA Wireless Certification individuals must possess a basic knowledge of Windows navigation, IP Addresses, and Internet Usage Principles. In addition, it is recommended that individuals have previously attended the [Interconnecting Cisco Network Devices Part 1](#) course or any other CCNA/CISCO certification.

Course Content

Understanding Cisco

- Understanding Cisco and Wireless Networking
- RF Mathematics
- Wifi Antennas
- RF Signal Analysis

Implementing Cisco Wireless Network

- Autonomous and Split MAC (FlexConnect, Centralised, Converged)
- IPv4 and IPv6 Management
- Wireless Infrastructures

Providing End-user Client Support

- Ensuring Client Satisfaction
- Dashboard Interactivity
- WLAN Authentication Mechanisms (LDAP, Radius, Web Auth etc)

Cisco WLAN Performance Analysis and Troubleshooting

- WLAN Validation
- Port-Level Configurations
- Network Security Configuration
- Third-Party Troubleshooting - Wifi Scanners

Operating a WLAN

- Setting up, initiating, and implementing Cisco Wireless Networks
- CAPWAP Protocol
- Adhering to DHCP

Wifi and WLAN Governance

- Meeting protocol and client requirements

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