

## CCNA Wireless

**NOTE:** This Exam is Retired. On February 24, 2020, Cisco released a new consolidated CCNA exam, the Cisco Certified Network Associate (200-301 CCNA). [Click for to visit the new certification page.](#)

This new update replaces the following certifications:

- CCNA Cloud
- CCNA Collaboration
- CCNA Data Center
- CCDA
- CCNA Industrial
- CCNA Routing and Switching
- CCNA Security
- CCNA Service Provider
- CCNA Wireless

SecureNinja's CCNA Wireless training and certification boot camp in Washington, DC prepares students for the CCNA-Wireless certification, an associate-level certification specializing in the wireless field. The WIFUND course and CCNA-Wireless certification is a prerequisite to the CCNP-Wireless (Cisco Certified Wireless Professional) curriculum. The CCNA-Wireless curriculum will prepare wireless network associates for the use, positioning, planning, implementation and operation of Cisco WLAN networks. The goal of the WIFUND v3.0 is to provide students with information and practice activities to prepare them to help design, install, configure, monitor and conduct basic troubleshooting tasks of a Cisco WLAN in SMB and Enterprise installations. As an associate level, the course aims at providing entry-level information, and will not specialize in any of the advanced features of the Cisco WLAN network solutions.

### Course Completion

Upon completion of the course, students will have the knowledge and skills to:

- Understand the basic RF principles and characteristics
- Understand WLAN security methods and access with differing client devices
- Define the Cisco WLAN architecture and the underlying infrastructure used to support it
- Implement a Centralized wireless access network using AireOS or IOS-XE wireless LAN controllers
- Implement a Converged wireless access network using IOS-XE converged access switches and wireless LAN controllers
- Implement small and remote access wireless networks using FlexConnect, Autonomous or Cloud architectures
- Perform basic WLAN maintenance and troubleshooting
- Describe the requirements for a WLAN design

### Topics Covered

1. Wireless Fundamentals
2. Security and Client Access
3. Define the Cisco Wireless Network Architecture
4. Implement Centralized Wireless Access
5. Implement Converged Wireless Access
6. Implement Small and Remote Wireless Access
7. WLAN Maintenance and Troubleshooting
8. WLAN Design

### **Pre-requisites**

It is recommended, but not required, that students have the following knowledge and skills before attending this course:

- Interconnecting Cisco Networking Devices Parts 1 & 2 (ICND1 & ICND2) or
- Cisco CCENT certification

### **Required Exam**

200-355 WIFUND

This exam tests a candidate's knowledge of Radio Frequency (RF) and 802.11 technology essentials along with installing, configuring, monitoring and basic troubleshooting tasks needed to support Small Medium Business and Enterprise wireless networks.

### **Course Length**

40 Hours

### **Follow on Course**

- Security+
- CEH
- CISSP