



CCNA WIRELESS

Implementing Cisco Wireless Network Fundamentals (200-355 WIFUND)

Why take CCNA Wireless with IT Enabler:

- Solid 5 days of training with 80% lab based and 20% theory based.
- Covers latest **CISCO CCNA Wireless Exam 200-355 WIFUND syllabus** requirements.
- More than sufficient tips and exam practice questions and lab sessions.
- Taught by experienced and Cisco Certified instructor.

Recommended Prerequisite:

Any valid Cisco CCENT, CCNA-R&S or any CCIE certification can act as a prerequisite.

Certificate Of Attendance :

Certificate Of Attendance will be awarded to participants completing the course achieving minimum 75% attendance.

Training Methodology & Materials:

- Practical hands-on sessions, 80% lab-based and 20% theory-based.
- Additional and well-designed labs handouts are given to enhance further enhance the courseware given.

Training Duration:

Full-Time : 5 weekdays
Time : 9.30am – 5.30pm

Course Fee:

Course Fee : S\$3699
Regn Fee : S\$50

All fees subject to prevailing GST. Course fee excludes Cisco Exam.

Cisco Certification Exam

This course prepares the participants for the Exam 200-355 WIFUND.

DETAILED COURSE OUTLINE

1.0 Wireless Fundamentals

- Explain Wireless Fundamentals
- Describe RF Principles
- Understand RF Mathematics
- Describe Antenna Characteristics
- Describe the Basics of Spread Spectrum
- Describe Wireless Media Access
- Describe Wireless Governance

2.0 Security and Client Access

- Describe Wireless Security Components
- Explain 802.11 Security
- Explain 802.1X/EAP Framework
- Describe EAP Authentication
- Describe WPA and WPA2 Security
- Provide Guest Access
- Native Operating Systems for WLAN Connectivity
- Configure Smart Handheld Clients

3.0 Define the Cisco Wireless Network Architecture

- Define Cisco Wireless Network Deployment Options
- Define One Management
- Define One Policy
- Define the Cisco One Network
- Mobility Architecture Concepts
- Optimize RF Conditions and Performance for Clients
- Describe Layer 2 Infrastructure Support
- Describe Protocols Used in Wired Infrastructure to Support Wireless

4.0 Implement Centralized Wireless Access

- Initialize centralized WLC
- Describe AP initialization
- Explore Additional WLC features
- Implement IPv6 in Cisco Wireless Environment
- Configure Client Access
- Implement roaming in centralized architecture

5.0 Implement Converged Wireless Access

- Initialize a Converged WCM
- Describe AP Connectivity
- Explore Additional Wireless Features
- Configure Client Access
- Implement Roaming in the Converged Architecture

6.0 Implement Small and Remote Wireless Access

- Overview of the FlexConnect Architecture
- Overview of the Autonomous Architecture
- Overview of the Cloud Architecture

7.0 WLAN Maintenance and Troubleshooting

- Describe Wireless Maintenance
- Explain Troubleshooting Tools
- Describe Troubleshooting Methodology

8.0 WLAN Design

- Predictive WLAN Design Process
- WLAN Site Survey Process

Cisco, CCNA, CCNA Wireless is the trademark or registered trademark of Cisco Systems, Inc in the United States and/or other countries.

CCNA Wireless

