

Course Code WLFNDU
Duration 5 days

Overview

The Understanding Cisco Wireless Foundations (WLFNDU) v1.0 course gives you the knowledge and skills you need to position, plan, implement, operate, and manage a Cisco WLAN network. This course teaches you how to design, install, configure, monitor, and conduct basic troubleshooting tasks on a Cisco WLAN network of any size.

Audience

This course will help you to learn the skills, technologies and best practices needed to manage a Cisco WLAN network, to understand and implement a Cisco wireless network architecture, and to design and implement WLAN maintenance and troubleshooting solutions.

Learning Objectives

By actively participating in this course, you will learn about the following:

- ▶ Describing and implementing foundational wireless theory.
 - ▶ Describing and implementing basic wireless security and client access.
 - ▶ Describing and implementing a Cisco wireless network architecture.
 - ▶ Configuring Cisco centralized wireless networks.
 - ▶ Describing and implementing WLAN maintenance and troubleshooting.
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Pre-Requisites

- ▶ General knowledge of networks
 - ▶ General knowledge of wireless networks
 - ▶ Routing and switching knowledge
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Course Contents

- ▶ Describing and Implementing Foundational Wireless Theory
- ▶ Describing and Implementing Foundational Wireless Math and Antennas
- ▶ Describing and Implementing Foundational Wireless Operation
- ▶ Describing and Implementing Basic Wireless Security
- ▶ Describing and Implementing 802.1X and EAP
- ▶ Implementing Wireless Guest Access and Configuring Wireless Security
- ▶ Describing and Implementing Cisco Wireless Network Architecture
- ▶ Describing and Implementing Cisco Wireless Network
- ▶ Describing and Implementing Cisco Wireless Network Wired Support
- ▶ Configuring Cisco Centralized Wireless Networks



Labs

- ▶ Explore the Physics of Wi-Fi
- ▶ Explore the Wi-Fi Environment
- ▶ Analyze Wireless Frames
- ▶ Configure Client Access
- ▶ Configure the Wired Infrastructure
- ▶ Configure a Centralized Cisco WLC Deployment
- ▶ Configure a Centralized WLAN Deployment
- ▶ Configure an IPv6 Operation in a Centralized WLAN Deployment
- ▶ Optimize RF Conditions and Performance for Clients
- ▶ Perform Centralized Controller Maintenance
- ▶ Use Troubleshooting Tools

Exam Details

There are no exams currently aligned to this course.

Further Information

For more information or to book this course, please contact our Course Enquiries Team on **01752 227330** (Option 2) or email us at enquiries@skilltec.co.uk.