



Enhanced Network Solutions Group

Systems Integration • Learning Solutions • CIO Consulting
Managed Outsourcing • Healthcare Solutions • Security Solutions

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IUWNE Implementing Cisco Unified Wireless Network Essentials

IUWNE Rev 04.10

5 days

Description

The goal of IUWNE v1.0 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.

Prerequisites

- ICND1
- ICND2

Course Objectives

Candidates achieving the CCNA Voice certification should be capable of performing the following tasks:

- Describe wireless fundamentals, such as topologies, RF principles and math, antennae, spread spectrum technologies, frames and physics, wireless regulatory bodies, standards and certifications, and the non 802.11 wireless technologies and their impact
- Describe the Cisco Unified Wireless network basics and configure a Cisco Unified Wireless Network Controller and a Mobility Express Controller
- Describe and configure default OS wireless client configuration tools, use the Cisco Aironet Desktop Utility and Site Survey Utility, the Cisco Secure Services Client, and describe the CCX program
- Describe and configure wireless security
- Manage the wireless network from the Wireless Control System (WCS)
- Maintain and troubleshoot wireless networks

Course Outline

Module 1: Wireless Fundamentals

Module 2: Basic WLAN Installation

Module 3: Wireless Clients

Module 4: WLAN Security

Module 5: WCS Administration

Module 6: WLAN Maintenance and Troubleshooting



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