WDBWL: Deploying Cisco Basic Wireless LANs v1.0

Course ID#: 1575-974-ZZ-W

Hours: 21

Course Content

Course Description:

This course provides you with the skills and resources required to successfully plan, install, configure, troubleshoot, monitor, and maintain basic Cisco Wireless LAN solutions in a customer-enterprise environment. You will learn about pre-deployment planning considerations, configuration of autonomous, unified, and FlexConnect architectures, configuration of all base features, including wireless security, the administration of the WLAN network, and maintenance and troubleshooting wireless network issues. The course is written at software code level 7.5. Please be advised that this course does not go into the Cisco Prime Infrastructure (PI). The PI is covered completely in the follow up course Managing Cisco Wireless LANs (WMNGI).

- Successfully plan, install, configure, troubleshoot, monitor and maintain basic Cisco Wireless LAN solutions in a customer enterprise environment
- Configure autonomous, unified, and FlexConnect architectures
- Configure all base feature sets, including wireless security
- Administer the WLAN network
- Maintain and troubleshoot basic wireless networks

Target Student:

- Channel Field Engineers
- Cisco Network Consulting Engineers
- New Unified Commutations Partners
- Customer Network Engineers
- Anyone interested in the Cisco Unified Wireless Network solution that have a strong data-networking background who will be responsible for the planning, deploying and managing advanced functions of an enterprise WLAN using lightweight access points with controllers

Prerequisites:

None

Topics:

Module 1: Unified Deployments
- Initial Wireless LAN Controller Configuration
- Unified AP Modes of Operation
- AP Association Process
- User Interfaces to the System
- Radio Resource Management and CleanAir
- Administering WLANs and AP Groups
- Configuring Mobility Groups and Roaming
- Configuring Security Options
- Performing General Administration

Module 2: Deploying the FlexConnect Architecture
- FlexConnect Deployments
- FlexConnect Configuration and Operational

Module 3: Maintaining and Troubleshooting a Cisco Wireless LAN
- Performing Routine Maintenance
- Configuring Policies and Management
- Gathering Data
- Troubleshooting in a Cisco Unified Wireless Network