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Class Code: CUWN
Number of Days: 4
Format: Instructor-Led

Cisco Unified Wireless Networking (CUWN) Version 4.1

Course Description: This four-day course enables a network administrator to deploy a WLAN Enterprise solution through the identification and successful implementation of site-appropriate hardware and software features in a Cisco Unified Wireless Network.

Target Audience: This course is intended for network and systems engineers with experience managing a data network who will be responsible for the planning, implementing and/or supporting an enterprise WLAN. The secondary audience consists of network administrators and designers with experience in a data network environment.

Prerequisites:

- Basic networking principles, TCP/IP, bridging, routing protocol and VLAN operation.
- CCNA certification.
- Basic Microsoft Windows and Internet browser navigation skills.

Delivery Method: Instructor led, group-paced, classroom-delivery learning model with structured hands-on activities.

Course Objectives

- Identify key enterprise WLAN implementation challenges.
- Select and properly install the Cisco Unified Wireless Network (CUWN) hardware appropriate to site and use requirements.
- Use the CUWN interfaces to administer WLAN, VLANs, 802.11 security policies, and QoS appropriately to optimize performance on and protect the network.
- Configure and implement the key Unified Wireless, security features to mitigate WLAN threats.
- Utilize the recommended troubleshooting methodology and the various tools available to gather and assess system data and isolate equipment failures and security threats.
- Administer, update, backup, restore and use the Cisco Wireless Control System (WCS) as required to monitor CUWN equipment performance.
- Configure and use the WCS location tracking features and the Cisco Location Server as appropriate to locate users within a CUWN environment.

Course Outline

- Cisco Unified Wireless Network Introduction
- Cisco Unified Wireless Network Hardware Installation.
- Cisco Unified Wireless Network Administration.
- WLAN Security.
- WLAN Maintenance and Troubleshooting.
- Cisco Wireless Control System.
- Cisco Location Tracking.