
Cisco Wireless LAN Advanced Topics

Duration: 4 Days **Course Code: CWLAT**

Overview:

This 4 day hands on Instructor led course is designed to give delegates a firm understanding of the components, features and proper deployment of the Cisco Unified Wireless Network. The course focuses on advanced WLAN design, integrating Cisco wireless components into a wired infrastructure. Deployment topics include managing the WLAN by using the Cisco Wireless Control System (WCS) to manage the advanced feature set and using the CiscoWorks Wireless LAN Solutions Engine (WLSE) to manage the core feature set. Security topics focus on integrating WLAN security using the WLAN controllers and lightweight access points as well as the autonomous access points in conjunction with the Cisco Secure ACS, and Network Access Controller (NAC). Security also includes Cisco WCS and CiscoWorks WLSE Intrusion Detection Systems. Troubleshooting the WLAN is also included.

Target Audience:

This course is aimed at those delegates involved in the deployment and management of a Wireless Network and for those hoping to obtain the Advanced Wireless LAN Specialisation

Objectives:

- Describe detailed technical features, functions and benefits of the WLAN product offerings available from Cisco.
 - Install advanced feature set hardware so that it functions optimally Install and manage the CiscoWorks WLSE and infrastructure devices so that it functions optimally
 - Install and administer WLAN management devices
 - Troubleshoot and maintain a wireless network
 - Administer Security so that the network is safe from attack
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Prerequisites:

All delegates should have a working knowledge of:

- CWLF Attendance

Testing and Certification

Recommended as preparation for exam(s):

- 642-587 AWLANFE
 - 642-586 AWLANSE
- CWLF should be attended before taking these exams. These courses are part of the Advanced Wireless LAN Specialisation
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Follow-on-Courses:

- CWMN – Cisco Wireless Mesh Networking
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Content:

Cisco Unified Wireless Network Concepts

- Describing Cisco Aironet Autonomous Access Points
- Describing the Cisco Unified Network

Describing WLAN Controller and Lightweight

- Installing the WLAN Controller

Installing the Cisco Wireless Control System

- Introducing the Cisco WLAN Core Feature Set based on Autonomous Access
- Implementing Radio Management for Cisco Autonomous Access Points

WLAN Management

- Managing the WLAN from the WLAN Controller
- Managing the Cisco Unified Wireless Network using Cisco WCS
- Managing the Cisco WLAN Controller

Managing CiscoWorks WLSE Management

- Troubleshooting the Cisco Advanced Feature Set Wireless Network

Troubleshooting the CiscoWorks Wireless

- Describing WLAN Security Standards
- Describing WLAN Security Threats and Mitigations
- Describing WLAN Authentication and Encryption
- Securing the WLAN

Further Information:

For More information, or to book your course, please call us on 353-1-814 8200

info@globalknowledge.ie

www.globalknowledge.ie

Global Knowledge, 3rd Floor Jervis House, Millennium Walkway, Dublin 1