
Deploying Basic Cisco Wireless LANs

Duration: 3 Days **Course Code: WDBWL**

Overview:

This 3-day instructor-led, hands-on course provides learners 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. Topics include 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 the maintenance and troubleshooting of wireless network issues. The course is written at software code level 7.5.

Target Audience:

This course is designed for: Engineers involved in the planning, deployment and management of enterprise WLAN using both autonomous architecture and lightweight access points with controllers.

Objectives:

- Upon completing this course, the learner will be able to meet these overall objectives:
 - 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
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Prerequisites:

The knowledge and skills that a learner must have before attending this course are as follows:

- Viewed Defining Cisco Wireless LAN Essentials (WLE) - 4 Hour ELT available on the CLN or via Global Knowledge.
 - Have Basic Networking Knowledge
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Follow-on-Courses:

The following courses are recommended for further study:

- **WDAWL** - Deploying Advanced Cisco Wireless LANs
 - **WICXS** - Cisco Converged Access Solutions
 - **WMNGI** - Managing Cisco Wireless LANs
 - **IUWVN** - Implementing Cisco Unified Wireless Voice Networks
 - **CUWSS** - Conducting Cisco Unified Wireless Site Surveys
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Content:

Cisco Wireless LAN Essentials Refresher

- Provide a very high level review as a refresh from the prerequisite course, Defining Cisco Wireless LAN Essentials

Pre-Deployment Planning

- Successful Wireless Deployments and Pre-deployment Planning
- Cisco WLAN Professional Services
- Spectrum Expert
- PI Planning tools

Autonomous Deployments

- Easy Setup GUI Interface
- Basic Setup via CLI
- Access Point Modes
- Bridge Modes
- Non-Client serving Modes

Unified Deployments

- Initial controller Setup, and configure basic settings
- Modes of operation available for a unified access point
- Mechanisms by which an AP associates to a WLC
- User Interfaces to the System
- Radio Resource Management and CleanAir
- Administering WLANs and AP Groups
- Configuring Quality of Service
- IPv6 Support
- Identify and Configure the Wireless LAN Security Parameters
- General Administration
- Guest Access

FlexConnect Deployments

- Benefits and Limitations of FlexConnect Architecture
- Operational Differences between FlexConnect and Unified Architectures

Wireless LAN Maintenance and Troubleshooting

- Routine Maintenance
- Policy Configuration and Management
- Gathering Data
- Troubleshooting in a Cisco Unified Wireless Network

Further Information:

For More information, or to book your course, please call us on +254 713 027 191

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