



Implementing Cisco Enterprise Wireless Networks (ENWLSI) v1.0

Objetivos

After taking this course, you should be able to:

- Implement network settings to provide a secure wireless network infrastructure
- Troubleshoot security issues as they relate to the wireless network infrastructure
- Implement a secure wireless client and troubleshoot wireless client connectivity issues
- Implement and troubleshoot QoS in wireless networks
- Implement and troubleshoot advanced capabilities in wireless network services

Pre-requisitos

Before taking this course, you should have:

- General knowledge of networks
- General knowledge of wireless networks
- Routing and switching knowledge

The following Cisco courses can help you gain the knowledge you need to prepare for this course:

- **Implementing and Operating Cisco Enterprise Network Core Technologies (ENCOR)**
- **Understanding Cisco Wireless Foundations (WLFNDU)**

Contenido

- Securing and Troubleshooting the Wireless Network Infrastructure
- Implementing and Troubleshooting Secure Client Connectivity
- Implementing and Troubleshooting Quality of Service (QoS) in Wireless Networks
- Implementing and Troubleshooting Advanced Wireless Network Services

Laboratorio

- Lab Familiarization (Base Learning Lab)
- Configure Secure Management Access for Cisco Wireless LAN Controllers (WLCs) and Access Points (APs)
- Add Network Devices and External Resources to Cisco Prime Infrastructure
- Capture a Successful AP Authentication
- Implement Authentication, Authorization, and Accounting (AAA) Services for Central Mode WLANs
- Implement AAA Services for FlexConnect Mode Wireless LANs (WLANs)
- Configure Guest Services in the Wireless Network
- Configure Bring Your Own Device (BYOD) in the Wireless Network
- Capture Successful Client Authentications



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- Configure QoS in the Wireless Network for Voice and Video Services
 - Configure Cisco Application Visibility and Control (AVC) in the Wireless Network
 - Capture Successful QoS Traffic Marking in the Wireless Network
 - Configure, Detect, and Locate Services on the Cisco CMX
 - Identify Wireless Clients and Security Threats
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