

Implementing Cisco Enterprise Wireless Networks • ENWLSI

DURATION: 5 DAYS

PRICE: USD 4290

CLCs: 43

CE: 40

COURSE CODE: ENWLSI | **FORMAT:** Lecture & Lab

COURSE DESCRIPTION

The Implementing Cisco Enterprise Wireless Networks (ENWLSI) v1.1 course gives you the knowledge and skills needed to secure wireless network infrastructure and troubleshoot any related issues. You'll learn how to implement and secure a wireless network infrastructure and use Cisco Identity Service Engine (ISE), Cisco Prime Infrastructure (PI), and Cisco Connect Mobile Experience to monitor and troubleshoot network issues. The course provides hands-on labs to reinforce concepts including deploying Cisco Prime Infrastructure Release 3.5, Cisco Catalyst 9800 Wireless Controller Release IOS XE Gibraltar 16.10, Cisco Digital Network Architecture (DNA) Center Release 1.2.8, Cisco CMX Release 10.5, Cisco MSE Release 8.0 features and Cisco Identity Services Engine (ISE) Release 2.4.

This course also helps you prepare to take the Implementing Cisco Enterprise Wireless Networks (300-430 ENWLSI) exam, which is part of the new CCNP Enterprise certification and the Cisco Certified Specialist - Enterprise Wireless Implementation certification.

WHO SHOULD ATTEND

- Wireless network engineers
- Sales engineers
- Network designers

PREREQUISITES

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

LEARNING OBJECTIVES

- Implement network settings to provide a secure wireless network infrastructure
- Troubleshoot security issues as it relates 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

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COURSE OUTLINE

1. Securing and Troubleshooting the Wireless Network Infrastructure
2. Implementing and Troubleshooting Secure Client Connectivity
3. Implementing and Troubleshooting QoS in Wireless Networks
4. Implementing and Troubleshooting Advanced Wireless Network Services

DISCOVERY LABS

1. Lab Familiarization (Base Learning Lab)
2. Configure Secure Management Access for WLCs and APs
3. Add Network Devices and External Resources to Cisco Prime Infrastructure
4. Capture a Successful AP Authentication
5. Implement AAA Services for Central Mode WLANs
6. Implement AAA Services for FlexConnect Mode WLANs
7. Configure Guest Services in the Wireless Network
8. Configure BYOD in the Wireless Network
9. Capture a Successful Client Authentications
10. Configure QoS in the Wireless Network for Voice and Video Services
11. Configure Cisco AVC in the Wireless Network
12. Capture Successful QoS Traffic Marking in the Wireless Network
13. Configure Detect and Locate Services on the Cisco CMX
14. Identify Wireless Clients and Security Threats

Instructor Led Training

To view the schedule and secure your site

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