

## **Implementing Cisco Enterprise Wireless Networks (ENWLSI)**

**Modality: Virtual Classroom**

**Duration: 5 Days**

**SATV Value:**

**CLC: 42 Units**

**NATU:**

**SUBSCRIPTION: No**

### **About this course:**

The Implementing Cisco Enterprise Wireless Networks (ENWLSI) v1.0 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, Cisco IOS XE Gibraltar 16.10, Cisco Digital Network Architecture (Cisco DNA™) Center Release 1.2.8, Cisco Connected Mobile Experiences (CMX) Release 10.5, Cisco Mobility Services Engine (MSE) Release 8.0 features, and Cisco 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.

### **Course Objective:**

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

- 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
- Use Cisco Identity Services Engine, Cisco Prime Infrastructure, and Cisco Connect Mobile Experience to monitor and troubleshoot network issues
- Validate your knowledge and prepare to take the Implementing Cisco Enterprise Wireless Networks (300-430 ENWLSI) exam

### **Audience:**

The primary audience for this course is as follows:

- Wireless Network Engineers
- Sales Engineers
- Network Designers

## **Prerequisite:**

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

- 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)

## **Course Outline:**

- **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**