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WHERE GREAT TRAINING HAPPENS EVERYDAY!

Implementing Cisco Enterprise Wireless Networks (ENWLSI) V2.0

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The Implementing Cisco Enterprise Wireless Networks (ENWLSI) training helps you implement network settings to provide a secure wireless network infrastructure and troubleshoot any related issues. The goal of this 5-day instructor-led training is to prepare you to secure and implement the wireless infrastructure, and use Cisco Identity Service Engine (ISE), Cisco Prime Infrastructure (PI), Cisco DNA Center, Cisco Spaces, and Cisco Connect Mobile Experience to monitor and troubleshoot network issues. This training provides you with hands-on labs to reinforce concepts including deploying Cisco Catalyst 9800 Wireless Controller Release IOS XE Bengaluru 17.6.3, Cisco Digital Network Architecture (DNA) Center Release 2.3.3, Cisco Prime Infrastructure Release 3.5, Cisco Spaces, Cisco CMX Release 10.5, features, and Cisco Identity Services Engine (ISE) Release 3.0.

How you'll benefit

This class will help you:

- Gain the skills to secure the wireless infrastructure, implement the wireless infrastructure, and use Cisco Identity Service Engine (ISE), Cisco DNA Center, Cisco Prime Infrastructure (PI), Cisco Spaces, and Cisco Connected Mobile Experience (CMX) to monitor and troubleshoot network issues
- Get the knowledge for protocols, solutions, and designs to acquire professional-level and expert-level enterprise roles
- Earn 40 CE credits toward recertification
- Prepares you for the 300-430 ENWLSI: Implementing Cisco Enterprise Wireless Networks exam

Why Attend with Current Technologies CLC

- Our Instructors are in the top 10% rated by Cisco
- Our Lab has a dedicated 1 Gig Fiber Connection for our Labs
- Our Labs run up to Date Code for all our courses

Who Should Attend

The primary audience for this course is as follows:

- Wireless Network Engineers
- Security Network Engineers
- Sales Engineers
- Wireless Network Technicians
- Test Engineers
- Network Designers
- Network Administrators
- Network Managers
- Midlevel Wireless Support Engineers
- Project Managers

Course Duration
5 days
Course Price
$4,295.00 or 43 CLCs
Methods of Delivery
- Instructor Led
- Virtual ILT
- On-Site

OUTLINE

Module 1: Secure the Wireless Network Infrastructure

Module 2: Monitor and Troubleshoot Wireless Network

Module 3: Monitor Wireless Networks with Cisco Prime Infrastructure

Module 4: Monitor Wireless Network with Cisco DNA Center

Module 5: Implementing 802.1X Authentication

Module 6: Configure Cisco FlexConnect

Module 7: Implement Guest Access

Module 8: Monitor and Troubleshoot Client Connectivity

Module 9: Implement QoS in Wireless Network

Module 10: Implement Cisco AVC in Wireless Networks

Module 11: Implement Multicast Services

Module 12: Troubleshoot QoS

Module 13: Deploy Cisco Spaces and Cisco CMX

Module 14: Implement Location Services

Module 15: Monitor Wireless Network with Cisco Spaces and Cisco CMX

LAB OUTLINE

- **Lab 1: Lab Familiarization (Base Learning Lab)**

- **Lab 2: Configure Secure Management Access for WLCs and APs**

- **Lab 3: Capture a Successful AP Authentication**

- **Lab 4: Network Monitoring with Cisco Prime Infrastructure**

- **Lab 5: Add Network Devices to Cisco DNA Center**

- **Lab 6: Integrate Cisco DNA Center with External Resources**

- **Lab 7: Use Cisco DNA Center for Network Monitoring**

- **Lab 8: Use Cisco DNA Center Reports**

- **Lab 9: Configure Cisco WLC for AAA Services**

- **Lab 10: Configure Cisco ISE for AAA Services**

- **Lab 11: Configure AAA Services for Cisco FlexConnect**

- **Lab 12: Configure Cisco WLC for Guest Services**

- **Lab 13: Configure Cisco ISE for Guest Services**

- **Lab 14: Configure BYOD in the Wireless Network**

- **Lab 15: Capture Successful Client Authentication Using Radioactive Trace**

- **Lab 16: Capture Successful Client Authentication Using Cisco ISE**

- **Lab 17: Configure QoS in the Wireless Network for Voice and Video Services**

- **Lab 18: Configure Cisco AVC in the Wireless Network**