ENWLSI - IMPLEMENTING CISCO ENTERPRISE WIRELESS NETWORKS V2.0

Course Code: 100480

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 with hands-on labs to reinforce concepts.

This course includes Global Training Resources

EXCLUSIVE TO GLOBAL KNOWLEDGE - Enhance your Cisco learning experience with complimentary access to our Introduction to Cybersecurity On-Demand course, course recordings, IT Resource Library, and digital courseware.

Learn more

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.

This training prepares you for the 300-430 ENWLSI: Implementing Cisco Enterprise Wireless Networks exam. If passed, you earn the Cisco Certified Specialist – Enterprise Wireless Implementation certification and satisfy the concentration exam requirement for the CCNP Enterprise certification. This training also earns you 40

Continuing Education (CE) credits toward recertification.

What You'll Learn

This training 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

Who Needs to Attend

- 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

Prerequisites

Before taking this offering, you should have:

- WLFNDU or equivalent knowledge or Implementing and Administering Cisco Solutions (CCNA)
- Implementing and Operating Cisco Enterprise Network Core Technologies (ENCOR) training

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CLASSROOM LIVE	$4,195 USD	5 Day

Classroom Live Outline

1. Secure the Wireless Network Infrastructure
2. Monitor and Troubleshoot Wireless Network
3. Monitor Wireless Networks with Cisco Prime Infrastructure
4. Monitor Wireless Network with Cisco DNA Center
5. Implementing 802.1X Authentication
6. Configure Cisco FlexConnect
7. Implement Guest Access
8. Monitor and Troubleshoot Client Connectivity
9. Implement QoS in Wireless Network
10. Implement Cisco AVC in Wireless Networks
11. Implement Multicast Services
12. Troubleshoot QoS
13. Deploy Cisco Spaces and Cisco CMX
14. Implement Location Services
15. Monitor Wireless Network with Cisco Spaces and Cisco CMX

Classroom Live Labs

1. Lab Familiarization (Base Learning Lab)
2. Configure Secure Management Access for WLCs and APs
3. Capture a Successful AP Authentication
4. Network Monitoring with Cisco Prime Infrastructure
5. Add Network Devices to Cisco DNA Center
6. Integrate Cisco DNA Center with External Resources
7. Use Cisco DNA Center for Network Monitoring

8. Use Cisco DNA Center Reports
9. Configure Cisco WLC for AAA Services
10. Configure Cisco ISE for AAA Services
11. Configure AAA Services for Cisco FlexConnect
12. Configure Cisco WLC for Guest Services
13. Configure Cisco ISE for Guest Services
14. Configure BYOD in the Wireless Network
15. Capture Successful Client Authentication Using Radioactive Trace
16. Capture Successful Client Authentication Using Cisco ISE
17. Configure QoS in the Wireless Network for Voice and Video Services
18. Configure Cisco AVC in the Wireless Network

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VIRTUAL CLASSROOM LIVE	$4,195 USD	5 Day

Virtual Classroom Live Outline

1. Secure the Wireless Network Infrastructure
2. Monitor and Troubleshoot Wireless Network
3. Monitor Wireless Networks with Cisco Prime Infrastructure
4. Monitor Wireless Network with Cisco DNA Center
5. Implementing 802.1X Authentication
6. Configure Cisco FlexConnect
7. Implement Guest Access
8. Monitor and Troubleshoot Client Connectivity
9. Implement QoS in Wireless Network
10. Implement Cisco AVC in Wireless Networks
11. Implement Multicast Services
12. Troubleshoot QoS
13. Deploy Cisco Spaces and Cisco CMX
14. Implement Location Services
15. Monitor Wireless Network with Cisco Spaces and Cisco CMX

Virtual Classroom Live Labs

1. Lab Familiarization (Base Learning Lab)
2. Configure Secure Management Access for WLCs and APs
3. Capture a Successful AP Authentication
4. Network Monitoring with Cisco Prime Infrastructure
5. Add Network Devices to Cisco DNA Center
6. Integrate Cisco DNA Center with External Resources
7. Use Cisco DNA Center for Network Monitoring

8. Use Cisco DNA Center Reports
9. Configure Cisco WLC for AAA Services
10. Configure Cisco ISE for AAA Services
11. Configure AAA Services for Cisco FlexConnect
12. Configure Cisco WLC for Guest Services
13. Configure Cisco ISE for Guest Services
14. Configure BYOD in the Wireless Network
15. Capture Successful Client Authentication Using Radioactive Trace
16. Capture Successful Client Authentication Using Cisco ISE
17. Configure QoS in the Wireless Network for Voice and Video Services
18. Configure Cisco AVC in the Wireless Network

Jan 12 - 16, 2026 | 8:30 AM - 4:30 PM EST

Feb 23 - 27, 2026 | 8:30 AM - 4:30 PM EST

Apr 27 - May 1, 2026 | 8:30 AM - 4:30 PM EDT

Jun 22 - 26, 2026 | 8:30 AM - 4:30 PM EDT

Aug 10 - 14, 2026 | 8:30 AM - 4:30 PM EDT

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ON-DEMAND	$800 USD

On-Demand Outline

1. Secure the Wireless Network Infrastructure
2. Monitor and Troubleshoot Wireless Network
3. Monitor Wireless Networks with Cisco Prime Infrastructure
4. Monitor Wireless Network with Cisco DNA Center
5. Implementing 802.1X Authentication
6. Configure Cisco FlexConnect
7. Implement Guest Access
8. Monitor and Troubleshoot Client Connectivity
9. Implement QoS in Wireless Network
10. Implement Cisco AVC in Wireless Networks
11. Implement Multicast Services
12. Troubleshoot QoS
13. Deploy Cisco Spaces and Cisco CMX
14. Implement Location Services
15. Monitor Wireless Network with Cisco Spaces and Cisco CMX

On-Demand Labs

1. Lab Familiarization (Base Learning Lab)
2. Configure Secure Management Access for WLCs and APs
3. Capture a Successful AP Authentication
4. Network Monitoring with Cisco Prime Infrastructure
5. Add Network Devices to Cisco DNA Center
6. Integrate Cisco DNA Center with External Resources
7. Use Cisco DNA Center for Network Monitoring

8. Use Cisco DNA Center Reports
9. Configure Cisco WLC for AAA Services
10. Configure Cisco ISE for AAA Services
11. Configure AAA Services for Cisco FlexConnect
12. Configure Cisco WLC for Guest Services
13. Configure Cisco ISE for Guest Services
14. Configure BYOD in the Wireless Network
15. Capture Successful Client Authentication Using Radioactive Trace
16. Capture Successful Client Authentication Using Cisco ISE
17. Configure QoS in the Wireless Network for Voice and Video Services
18. Configure Cisco AVC in the Wireless Network

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PRIVATE GROUP TRAINING	5 Day

Visit us at www.globalknowledge.com or call us at 1-866-716-6688.