Cisco Wireless LAN Security with ISE Workshop

Category: Networking & Security | **Vendor:** Cisco

Duration: 32.00 hours (4 days) **26.0 CPD Hours**

Rating: ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course Overview

This hands-on workshop teaches how to configure the Cisco Identity Services Engine (ISE) authentication for WLAN security. The course includes numerous hands-on labs utilizing up-to-date hardware such as AireOS and Cisco Catalyst 9800 WLAN controllers, 3800 and 9100 access points, ISE 2.7, Windows 10 wireless clients and Windows AD Server. A rack with the mentioned hardware will be provided to each participant. In the lab exercises, participants will configure both the ISE and the WLAN controller.

About This Course

- Setup of ISE for WLAN controller
- Setup of AireOS and Catalyst 9800 WLAN controller for ISE
- WPA2 Enterprise (EAP/802.1X)
- Windows AD as authentication server and certificate authority
- EAP TLS authentication using certificates
- SSID with MAC filtering
- WPA2 Personal (PSK) with MAC filtering
- Identity PSK
- FlexConnect local authentication
- Local WebAuthentication with ISE authentication
- Guest anchor with ISE authentication
- ISE hotspot and guest portal
- Access point authentication on switch port
- Administrator authentication on WLC with ISE
- EWC with ISE authentication

Who Should Attend

- Experienced network engineers configuring Cisco AireOS or Catalyst 9800 controllers
- Security engineers configuring the ISE for WLAN deployments
- Newcomers who are interested in using ISE with WLAN

Prerequisites & Entry Requirements

General Prerequisites:

- Networking fundamentals
- Routing and switching fundamentals
- Wireless LAN fundamentals
- ISE fundamentals
- Experience with either AireOS or IOS XE

Learning Outcomes

Upon successful completion of this course, participants will be able to:

After completing the workshop, you will have learned and practiced the following topics:

- Configuring the WLAN controller to work with Cisco ISE
- Requirements on the ISE for the WLAN controller
- Configuring WLAN security requiring Radius on the WLAN controller
- Configuring the ISE policy to respond to Radius requests from the WLC
- Administrator authentication on the WLAN controller
- Authenticating access points on switch ports
- ISE as WLAN guest server

Skills You Will Learn:

After completing the workshop, you will have learned and practiced the following topics:

- Configuring the WLAN controller to work with Cisco ISE
- Requirements on the ISE for the WLAN controller
- Configuring WLAN security requiring Radius on the WLAN controller
- Configuring the ISE policy to respond to Radius requests from the WLC
- Administrator authentication on the WLAN controller
- Authenticating access points on switch ports
- ISE as WLAN guest server

Frequently Asked Questions

Q: What delivery options are available for Cisco Wireless LAN Security with ISE Workshop?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: How many CPD hours does this course provide?

The 4-day Cisco Wireless LAN Security with ISE Workshop course provides up to 26.0 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Cisco Wireless LAN Security with ISE Workshop training?

The training takes place over 4 day(s), with each day lasting approximately 32.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Cisco Wireless LAN Security with ISE Workshop?

Yes, we provide corporate training, dedicated training, and closed classes for Cisco Wireless LAN Security with ISE Workshop. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: What related terms do people search for?

Popular related searches include: Cisco Wireless LAN Security with ISE Workshop, Cisco Wireless Networking / Mobility, WLSISE

Q: Why choose Nexus Human for Cisco Wireless LAN Security with ISE Workshop?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your Cisco Wireless LAN Security with ISE Workshop training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

Professional Training & Development

Email: info@nexushuman.com

Website: www.nexushuman.com

Phone: +353 1 889 8700 (Ireland) | +44 20 8142 8961 (UK)

© 2026 Nexus Human. All rights reserved. This brochure was generated on 19/10/2026.