Cisco Wireless Troubleshooting 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 troubleshooting skills specific to current Cisco wireless products.

It also teaches a variety of troubleshooting and identification methods, with a wide range of tools available to students.

In addition to the new Cisco Catalyst 9800 wireless controllers, AireOS controllers will also be covered.

Our lab is continually updated to provide you with the latest features.

About This Course

Identify Common Troubleshooting

- Network troubleshooting methods
- Network troubleshooting tools and resources

Identifying Wireless Infrastructure Issues

- Troubleshooting client connectivity problems
- Troubleshooting client performance problems

Identifying Core Wireless Infrastructure Issues

- Troubleshooting AP-to-controller problems
- Troubleshooting wired infrastructure problems
- Troubleshooting Cisco FlexConnect

Identifying Wireless Security Issues

- Troubleshooting Client Authentication Issues
- Troubleshooting Guest Access Problems
- Troubleshooting RF-related security threat issues

Who Should Attend

This course is aimed at wireless LAN technicians, wireless network engineers, L1 to L3 support staff and service providers in wireless LAN projects. The course is also suitable for anyone wishing to master wireless troubleshooting tools and methods.

Prerequisites & Entry Requirements

General Prerequisites:

Prerequisite is CCNA Wireless certification and/or basic knowledge of Routing & Switching, 802.11 Wireless, Cisco WLC, AP and Prime Infrastructure. Security knowledge is beneficial and recommended.

We recommend prior attendance of the courses

- Wireless Fundamentals 1 (WFUN1) and Wireless Fundamentals 2 (WFUN2) or
- Certified Wireless Network Administrator (CWNA)

Learning Outcomes

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

The course enables participants to optimize and troubleshoot enterprise wireless infrastructures.

Tools and methods for identifying and troubleshooting wireless clients (notebooks, tablets, smartphones, industrial clients, etc.) as well as wireless infrastructure (WLC, AP, AAA, PI, AD, etc.) are introduced and taught in theory and practice.

In detail, the following topics will be covered:

- Hardware and software architecture
- New Config Model
- Deployment Considerations
- Operation Monitoring
- Troubleshooting Basics
- Basics of 802.11 Wireless Frames
- Lifetime of a packet
- GUI Troubleshooting Dashboard
- Advanced Wireless Troubleshooting
- IOS-XE Tracing, Packet Capture & Packet Tracer
- Client Troubleshooting
- Embedded Packet Capture (EPC)
- Over The Air Capture
- Troubleshooting on the AP side
- CAPWAP Discovery and Join - Troubleshooting
- Intelligent Capture via DNA Center
- Anomaly Capture via DNA Center
- AAA and Security Troubleshooting
- Using Prime Infrastructure for Wireless Troubleshooting
- Using DNA Center for Wireless Troubleshooting
- QOS Troubleshooting
- Third-party tools for analysis and troubleshooting

Skills You Will Learn:

The course enables participants to optimize and troubleshoot enterprise wireless infrastructures.

Tools and methods for identifying and troubleshooting wireless clients (notebooks, tablets, smartphones, industrial clients, etc.) as well as wireless infrastructure (WLC, AP, AAA, PI, AD, etc.) are introduced and taught in theory and practice.

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Frequently Asked Questions

Q: What delivery options are available for Cisco Wireless Troubleshooting 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 Troubleshooting 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 Troubleshooting 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 Troubleshooting Workshop?

Yes, we provide corporate training, dedicated training, and closed classes for Cisco Wireless Troubleshooting 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 Troubleshooting Workshop, Cisco Wireless Networking / Mobility, CWTWIFI6

Q: Why choose Nexus Human for Cisco Wireless Troubleshooting 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 Troubleshooting Workshop training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

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