

Cisco Introduction to 802.1X Operations for Cisco Security Professionals v1.0 (802.1X)

Category: Security

Duration: 24.00 hours (3 days)

19.5 CPD Hours

Rating: ★ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course Overview

The Introduction to 802.1X Operations for Cisco Security Professionals (802.1X) v1.0 shows you how to configure and prepare to deploy Cisco® Identity-Based Networking Services (IBNS) solutions based on Cisco Identity Services Engine (ISE), Cisco Catalyst switches, and Cisco Wireless LAN Controllers. You will learn the fundamentals of the 802.1X protocol and configuration, Cisco IBNS, configuring access for non-suppliant devices, Cisco ISE deployment options, architectural components, considerations with 802.1X, and more. You will also gain hands-on experience configuring 802.1X based network services using the Cisco Identity Services Engine and a Cisco Catalyst switch.

About This Course

The Introduction to 802.1X Operations for Cisco Security Professionals (802.1X) v1.0 shows you how to configure and prepare to deploy Cisco® Identity-Based Networking Services (IBNS) solutions based on Cisco Identity Services Engine (ISE), Cisco Catalyst switches, and Cisco Wireless LAN Controllers. You will learn the fundamentals of the 802.1X protocol and configuration, Cisco IBNS, configuring access for non-suppliant devices, Cisco ISE deployment options, architectural components, considerations with 802.1X, and more. You will also gain hands-on experience configuring 802.1X based network services using the Cisco Identity Services Engine and a Cisco Catalyst switch.

Who Should Attend

Security architects

Design engineers

Network engineers

Cisco integrators and partners

Learning Outcomes

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

After taking this course, you should be able to:

Describe Cisco Identity-Based Networking Services (IBNS) for providing access control to corporate networks.

Describe Extensible Authentication Protocol (EAP) authentication types and methods, and the role of Remote Authentication Dial-In User Service (RADIUS) in EAP communications.

Describe how to configure Cisco Catalyst switches, Cisco Wireless LAN Controllers (WLCs), and Cisco ISE for 802.1X operation.

Describe how to configure access for non-suppliant devices in an 802.1X deployment.

Describe how to plan and deploy Cisco IBNS Networks with Cisco ISE and 802.1X.

Additional Course Details

Nexus Humans Cisco Introduction to 802.1X Operations for Cisco Security Professionals v1.0 (802.1X) training program is a workshop that presents an invigorating mix of sessions, lessons, and masterclasses meticulously crafted to propel your learning expedition forward.

This immersive bootcamp-style experience boasts interactive lectures, hands-on labs, and collaborative hackathons, all strategically designed to fortify fundamental concepts.

Guided by seasoned coaches, each session offers priceless insights and practical skills crucial for honing your expertise. Whether you're stepping into the realm of professional skills or a seasoned professional, this comprehensive course ensures you're equipped with the knowledge and prowess necessary for success.

While we feel this is the best course for the Cisco Introduction to 802.1X Operations for Cisco Security Professionals v1.0 (802.1X) course and one of our Top 10 we encourage you to read the course outline to make sure it is the right content for you.

Additionally, private sessions, closed classes or dedicated events are available both live online and at our training centres in Dublin and London, as well as at your offices anywhere in the UK, Ireland or across EMEA.

Frequently Asked Questions

Q: What delivery options are available for Cisco Introduction to 802.1X Operations for Cisco Security Professionals v1.0 (802.1X)?

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
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Q: How many CPD hours does this course provide?

The 3-day Cisco Introduction to 802.1X Operations for Cisco Security Professionals v1.0 (802.1X) course provides up to 19.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Cisco Introduction to 802.1X Operations for Cisco Security Professionals v1.0 (802.1X) training?

The training takes place over 3 day(s), with each day lasting approximately 24.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Cisco Introduction to 802.1X Operations for Cisco Security Professionals v1.0 (802.1X)?

Yes, we provide corporate training, dedicated training, and closed classes for Cisco Introduction to 802.1X Operations for Cisco Security Professionals v1.0 (802.1X). 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: Why choose Nexus Human for Cisco Introduction to 802.1X Operations for Cisco Security Professionals v1.0 (802.1X)?

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 **PENPALS** when booking your Cisco Introduction to 802.1X Operations for Cisco Security Professionals v1.0 (802.1X) 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 XXX XXXX (Ireland) | +44 20 XXXX XXXX (UK)