Fundamentals of Cisco Networking and Security for Comply-to-Connect

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

Duration: 40.00 hours (5 days) **32.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Certification: CCNA, CCNP

Course Overview

This course is a 5-day bootcamp course with a focus on teaching learners to install, operate, configure and verify basic IPv4 network, with a focus on the basics of Cisco IOS security features. The course covers the basics of CCNA level IOS as well as CCNP-Security level Cisco IOS-XE security features. This course is foundational for the network infrastructure engineer or manager to prepare their network for Identity Based Networking (Network Access Control) using the Cisco Identity Services Engine (ISE).

About This Course

This course is a 5-day bootcamp course with a focus on teaching learners to install, operate, configure and verify basic IPv4 network, with a focus on the basics of Cisco IOS security features. The course covers the basics of CCNA level IOS as well as CCNP-Security level Cisco IOS-XE security features. This course is foundational for the network infrastructure engineer or manager to prepare their network for Identity Based Networking (Network Access Control) using the Cisco Identity Services Engine (ISE).

Who Should Attend

Anyone considering taking the Cisco Comply-to-Connect course.

Learning Outcomes

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

After taking this course, an individual should have the pre-requisite knowledge to complete the Comply-to-Connect course. This includes but is not limited to:

- Identify the components of a computer network and describe their basic characteristics
- Understand the model of host-to-host communication
- Describe the features and functions of the Cisco IOS Software
- Describe LANs and the role of switches within LANs
- Describe Ethernet as the network access layer of transmission control protocol and the internet protocol (TCP/IP) and describe the operation of switches
- Install a switch and perform the initial configuration
- Describe the TCP/IP internet layer, IPv4, its addressing scheme, and subnetting
- Describe the TCP/IP transport layer and application layer
- Explore the functions of routing
- Implement basic configuration on a Cisco router
- Describe information security concepts and strategies within the network
- Describe security flaws in the transmission protocol/internet protocol (TCP/IP) and how they can be used to attack networks and hosts
- Deploy Cisco Secure Firewall Threat Defense basic configurations
- Deploy Cisco Secure Firewall Threat Defense IPS, malware, and fire policies
- Deploy Cisco Secure Email Gateway basic configurations
- Deploy Cisco Secure Email Gateway policy configurations
- Describe 802.1X and extensible authentication protocol (EAP) authentication
- Configure devices for 802.1X operations
- Describe Cisco secure remote access connectivity solutions
- Deploy Cisco secure remote access connectivity solutions
- Provide an overview of network infrastructure protection controls
- Describe basics of software-defined networks and network programmability

Skills You Will Learn:

After taking this course, an individual should have the pre-requisite knowledge to complete the Comply-to-Connect course. This includes but is not limited to:

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Frequently Asked Questions

Q: What delivery options are available for Fundamentals of Cisco Networking and Security for Comply-to-Connect?

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: What certification does this course prepare me for?

The Fundamentals of Cisco Networking and Security for Comply-to-Connect course helps prepare you for the CCNA, CCNP certification path.

Q: How many CPD hours does this course provide?

The 5-day Fundamentals of Cisco Networking and Security for Comply-to-Connect course provides up to 32.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Fundamentals of Cisco Networking and Security for Comply-to-Connect training?

The training takes place over 5 day(s), with each day lasting approximately 40.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Fundamentals of Cisco Networking and Security for Comply-to-Connect?

Yes, we provide corporate training, dedicated training, and closed classes for Fundamentals of Cisco Networking and Security for Comply-to-Connect. 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: Fundamentals of Cisco Networking and Security for Comply-to-Connect, Security Platform, Architecture & Cloud, FNSCC

Q: Why choose Nexus Human for Fundamentals of Cisco Networking and Security for Comply-to-Connect?

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 Fundamentals of Cisco Networking and Security for Comply-to-Connect training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

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