# Cisco Catalyst Center Foundations (CCFND)

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

**Duration:** 40.00 hours (5 days) **32.5 CPD Hours**

**Rating:** ⭐ 4.6 (5,878 reviews)

## Course Information

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| **Delivery Format:** | Instructor Led - Online |
| **Related Exam:** | 350-401 |

## Course Overview

The Cisco Catalyst Center Foundations (CCFND) training is designed to expand your knowledge of Cisco Catalyst Center, including its basics, deployment and scalability options, initial configurations, best practices, and integration with Cisco Identity Services Engine (ISE). The training will focus on network automation, network assurance, network security, and network programmability using Cisco Catalyst Center.

Though this training is not related to a specific exam, it is highly encouraged to take this training as an introduction to topics found in the Implementing and Operating Cisco Enterprise Network Core Technologies (350-401 ENCOR) v1.1 exam.

How You'll Benefit

This training will help you:

- Expand your knowledge of Cisco Catalyst Center and networking principles
- Qualify for professional-level networking job roles
- Earn 44 CE credits toward recertification

## About This Course

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## Who Should Attend

- Network Engineers
- Network Analysts
- Security Engineers
- IT Professionals
- Pre-Sales Engineers

## Prerequisites & Entry Requirements

**General Prerequisites:**

There are no prerequisites for this training. However, the knowledge and skills you are recommended to have before attending this training are:

- Basic understanding of network fundamentals
- Basic familiarity with Cisco ISE
- Basic familiarity with network automation and programmability

These skills can be found in the following Cisco Learning Offerings:

- Implementing and Administering Cisco Solutions (CCNA)
- Implementing and Operating Cisco Enterprise Network Core Technologies (ENCOR)
- Implementing and Configuring Cisco Identity Services Engine (SISE)

## Learning Outcomes

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

- Learn about Cisco Catalyst Center product, intent-based networking, system architecture, and key features and use cases of Cisco Catalyst Center
- Use Cisco Catalyst Center automation (NetOps and SecOps), assurance (AIOps), and platform integration with DevOps in your enterprise network
- Deploy Cisco Catalyst Center based on pre-deployment requirements, and perform first-time setup procedures
- Describe high availability and scalability options for Cisco Catalyst Center, including clustering, link redundancy, and disaster recovery
- Explain Cisco Catalyst Center system settings, basic and advanced automation, device provisioning, and compliance audit procedures
- Configure Cisco Catalyst Center to onboard devices, integrate with ISE, automate device configurations, troubleshoot health of network devices, and track clients
- Describe Cisco SD-Access architecture, including fabric networking, underlay and overlay routing, and fabric node roles, and implement policy-based segmentation with group-based, IP-based, and application policies

## Detailed Course Outline

- Cisco Catalyst Center Overview
- Cisco Catalyst Center Deployment
- Cisco Catalyst Center High Availability and Scalability
- Cisco Catalyst Center System Settings and Operations
- Cisco Catalyst Center Inventory, Discovery, and Device Manageability
- Cisco Catalyst Center Basic Automation and Provisioning
- Cisco Catalyst Center Advanced Automation and Day-0 Onboarding
- Cisco Prime Infrastructure to Cisco Catalyst Center Migration
- Cisco Catalyst Center Health and Performance Monitoring
- Cisco Catalyst Center Assurance Device, Client, and Application Health
- Cisco Catalyst Center Issues, Insights, and Trends Monitoring

- Cisco Catalyst Center Wireless Networks Monitoring and Troubleshooting
- Cisco SD-Access Overview
- Cisco Catalyst Center Policies
- Cisco Catalyst Center Endpoint Visibility
- Cisco Catalyst Center Platform Overview
- Cisco Catalyst Center Network and Assurance Automation

**Skills You Will Learn:**

- Learn about Cisco Catalyst Center product, intent-based networking, system architecture, and key features and use cases of Cisco Catalyst Center<br>- Use Cisco Catalyst Center automation (NetOps and SecOps), assurance (AIOps), and platform integration with DevOps in your enterprise network<br>- Deploy Cisco Catalyst Center based on pre-deployment requirements, and perform first-time setup procedures<br>- Describe high availability and scalability options for Cisco Catalyst Center, including clustering, link redundancy, and disaster recovery<br>- Explain Cisco Catalyst Center system settings, basic and advanced automation, device provisioning, and compliance audit procedures<br>- Configure Cisco Catalyst Center to onboard devices, integrate with ISE, automate device configurations, troubleshoot health of network devices, and track clients<br>- Describe Cisco SD-Access architecture, including fabric networking, underlay and overlay routing, and fabric node roles, and implement policy-based segmentation with group-based, IP-based, and application policies

# Frequently Asked Questions

### Q: What delivery options are available for Cisco Catalyst Center Foundations (CCFND)?

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: Which exam does this course prepare me for?

This course prepares you for the 350-401 official exam. You can take this exam at any exam center across United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online wherever you are located.

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### Q: How many CPD hours does this course provide?

The 5-day Cisco Catalyst Center Foundations (CCFND) course provides up to 32.5 CPD hours of structured learning. CPD certificates can be provided upon request.

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### Q: What is the duration of the Cisco Catalyst Center Foundations (CCFND) training?

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

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### Q: Do you provide corporate training for Cisco Catalyst Center Foundations (CCFND)?

Yes, we provide corporate training, dedicated training, and closed classes for Cisco Catalyst Center Foundations (CCFND). 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.

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### Q: What related terms do people search for?

Popular related searches include: Cisco Catalyst Center Foundations, Cisco Software Defined Access (SDA), CCFND

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### Q: Why choose Nexus Human for Cisco Catalyst Center Foundations (CCFND)?

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

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### Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your Cisco Catalyst Center Foundations (CCFND) 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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