

# Cisco Catalyst Center Foundations (CCFND)

**Price:** 4395

**Duration:** 5 days

**Delivery Methods:** Virtual

## 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.

## Who Should Enroll

- Network engineers
- Network analysts
- Security engineers
- IT professionals
- Pre-sales engineers

## 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

## COURSE OBJECTIVES

After taking this training, you should 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 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

## Learning Path 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)
- Developing Applications and Automating Workflows using Cisco Core Platforms (DEVASC)

## 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

## Course Schedule

Date	Time	Price	Options
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## Why Professionals Choose TOPTALENT?

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**FAQ**

### **What if I have to reschedule my class due to conflict?**

Ten (10) business days' notice is required to reschedule a class with no additional fees. Notify TOPTALENT LEARNING as soon as possible at 469-721-6100 or by written notification to [info@toptalentlearning.com](mailto:info@toptalentlearning.com) to avoid rescheduling penalties.

### **How do I enroll for this class?**

Please contact our team at 469-721-6100; we will gladly guide you through the online purchasing process.

### **What happens once I purchase a class?**

You will receive a receipt and an enrollment confirmation sent to the email you submitted at purchase. Your enrollment email will have instructions on how to access the class. Any additional questions our team is here to support you. Please call us at 469-721-6100.

### **What is your late policy?**

If a student is 15 minutes late, they risk losing their seat to a standby student. If a student is 30 minutes late or more, they will need to reschedule. A no-show fee will apply. Retakes are enrolled on a stand-by basis. The student must supply previously issued courseware. Additional fees may apply.

### **What happens when I finish my class?**

You will receive a 'Certificate of Completion' once you complete the class. If you purchased an exam voucher for the class, a team member from TOPTALENT LEARNING will reach out to discuss your readiness for the voucher and make arrangements to send it.