

# Cisco Implementing Cisco Data Center Core Technologies v1.2 (DCCOR)

**Duration:** 40.00 hours (5 days)

**32.5 CPD Hours**

**Rating:** ★ 4.6 (5,878 reviews)

## Course Information

**Delivery Format:** Instructor Led - Online

## Course Overview

The Implementing and Operating Cisco Data Center Core Technologies (DCCOR) v1.2 course helps you prepare for the Cisco CCNP Data Center and CCIE Data Center certifications for advanced-level data center roles. In this course, you will master the skills and technologies you need to implement data center compute, LAN and SAN infrastructure. You will also learn the essentials of automation and security in data centers. You will gain hands-on experience deploying, securing, operating, and maintaining Cisco data center infrastructure including: Cisco MDS Switches and Cisco Nexus Switches; Cisco Unified Computing System (Cisco UCS) B-Series Blade Servers, and Cisco UCS C-Series Rack Servers. This course also earns you 64 Continuing Education (CE) credits towards recertification. This course, including the self-paced material prepares you to take the exam: 350-601 Implementing Cisco Data Center Core Technologies (DCCOR). This course will help you: Gain experience implementing, securing and automating network, compute, and storage infrastructure. Gain knowledge and skills through Cisco's unique combination of lessons and hands-on practice using enterprise-grade Cisco learning technologies, data center equipment, and software. Qualify for professional and expert-level job roles in the high-demand area of enterprise-class data center environments. Earn 64 CE credits toward recertification. This course will help you prepare to take the 350-601 DCCOR exam. This exam tests your knowledge of implementing core data center technologies including network, compute, storage network, automation, and security. After you pass 350-601 DCCOR: You earn the Cisco Certified Specialist - Data Center Core certification and you satisfy the core requirement for these certifications: CCNP Data Center, CCIE Data Center.

## About This Course

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The Implementing and Operating Cisco Data Center Core Technologies (DCCOR) v1.2 course helps you prepare for the Cisco CCNP Data Center and CCIE Data Center certifications for advanced-level data center roles. In this course, you will master the skills and technologies you need to implement data center compute, LAN and SAN infrastructure. You will also learn the essentials of automation and security in data centers. You will gain hands-on experience deploying, securing, operating, and maintaining Cisco data center infrastructure including: Cisco MDS Switches and Cisco Nexus Switches; Cisco Unified Computing System (Cisco UCS) B-Series Blade Servers, and Cisco UCS C-Series Rack Servers. This course also earns you 64 Continuing Education (CE) credits towards recertification.

This course, including the self-paced material prepares you to take the exam:

350-601 Implementing Cisco Data Center Core Technologies (DCCOR)

This course will help you:

Gain experience implementing, securing and automating network, compute, and storage infrastructure

Gain knowledge and skills through Cisco's unique combination of lessons and hands-on practice using enterprise-grade Cisco learning technologies, data center equipment, and software

Qualify for professional and expert-level job roles in the high-demand area of enterprise-class data center environments

Earn 64 CE credits toward recertification

This course will help you prepare to take the 350-601 DCCOR exam. This exam tests your knowledge of implementing core data center technologies including network, compute, storage network, automation, and security.

After you pass 350-601 DCCOR:

You earn the Cisco Certified Specialist - Data Center Core certification and you satisfy the core requirement for these certifications:

CCNP Data Center

CCIE Data Center

## Who Should Attend

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Network designers

Network administrators

Network engineers

Systems engineers

Data center engineers

Consulting systems engineers

Technical solutions architects

Field engineers

Cisco integrators and partners

Server administrator

Network manager

# Learning Outcomes

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

After taking this course, you should be able to:

Implement routing and switching protocols in Data Center environment

Implement overlay networks in data center

Introduce high-level Cisco Application Centric Infrastructure (Cisco ACI™) concepts and Cisco Virtual Machine manager (VMM) domain integration

Describe Cisco Cloud Service and deployment models

Implement Fibre Channel fabric

Implement Fibre Channel over Ethernet (FCoE) unified fabric

Implement security features in data center

Implement software management and infrastructure monitoring

Implement Cisco UCS Fabric Interconnect and Server abstraction

Implement SAN connectivity for Cisco Unified Computing System™ (Cisco UCS®)

Describe Cisco HyperFlex™ infrastructure concepts and benefits

Implement Cisco automation and scripting tools in data center

Evaluate automation and orchestration technologies

## Additional Course Details

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Nexus Humans Cisco Implementing Cisco Data Center Core Technologies v1.2 (DCCOR) 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 Implementing Cisco Data Center Core Technologies v1.2 (DCCOR) 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

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## **Q: What delivery options are available for Cisco Implementing Cisco Data Center Core Technologies v1.2 (DCCOR)?**

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 5-day Cisco Implementing Cisco Data Center Core Technologies v1.2 (DCCOR) 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 Implementing Cisco Data Center Core Technologies v1.2 (DCCOR) 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 Implementing Cisco Data Center Core Technologies v1.2 (DCCOR)?**

Yes, we provide corporate training, dedicated training, and closed classes for Cisco Implementing Cisco Data Center Core Technologies v1.2 (DCCOR). 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: Why choose Nexus Human for Cisco Implementing Cisco Data Center Core Technologies v1.2 (DCCOR)?

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 **PENPALS** when booking your Cisco Implementing Cisco Data Center Core Technologies v1.2 (DCCOR) 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

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