

# Understanding Cisco Data Center Foundations (DCFNDU) v1.1

**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 Understanding Cisco Data Center Foundations (DCFNDU) v1.1 course helps you prepare for entry-level data center roles. In this course, you will learn the foundational knowledge and skills you need to configure Cisco® data center technologies including networking, virtualization, storage area networking, and unified computing. You will get an introduction to Cisco Application Centric Infrastructure (Cisco ACI), automation and cloud computing. You will get hands-on experience with configuring features on Cisco Nexus Operating System (Cisco NX-OS) and Cisco Unified Computing System (Cisco UCS). This course does not lead directly to a certification exam, but it does cover foundational knowledge that can help you prepare for several CCNP and other professional-level data center courses and exams.

## About This Course

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## Who Should Attend

Data center administrators

Data center engineers

Systems engineers

Server administrators

Network managers

Cisco integrators and partners

Data center designers

Technical solutions architects

Network architects

# 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:

Describe the foundations of data center networking

Describe Cisco Nexus products and explain the basic Cisco NX-OS functionalities and tools

Describe Layer 3 first-hop redundancy

Describe Cisco FEX connectivity

Describe Ethernet port channels and vPCs

Introduce switch virtualization, machine virtualization, and describe network virtualization

Compare storage connectivity options in the data center

Describe Fibre Channel communication between the initiator server and the target storage

Describe Fibre Channel zone types and their uses

Describe NPV and NPIV

Describe data center Ethernet enhancements that provide a lossless fabric

Describe FCoE

Describe data center server connectivity

Describe Cisco UCS Manager

Describe the purpose and advantages of APIs

Describe Cisco ACI

Describe the basic concepts of cloud computing

## Additional Course Details

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Nexus Humans Understanding Cisco Data Center Foundations (DCFNDU) v1.1 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 Understanding Cisco Data Center Foundations (DCFNDU) v1.1 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 Understanding Cisco Data Center Foundations (DCFNDU) v1.1?**

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 Understanding Cisco Data Center Foundations (DCFNDU) v1.1 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 Understanding Cisco Data Center Foundations (DCFNDU) v1.1 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 Understanding Cisco Data Center Foundations (DCFNDU) v1.1?**

Yes, we provide corporate training, dedicated training, and closed classes for Understanding Cisco Data Center Foundations (DCFNDU) v1.1. 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 Understanding Cisco Data Center Foundations (DCFNDU) v1.1?

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 Understanding Cisco Data Center Foundations (DCFNDU) v1.1 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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