

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

Duration: 40.00 hours (5 days)

32.5 CPD Hours

Rating: ★ 4.6 (5,878 reviews)

Course Information

Delivery Format: Other

Course Overview

The Understanding Cisco Data Center Foundations (DCFNDU) v1.0 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 also earns you 30 Continuing Education (CE) credits towards recertification.

About This Course

The Understanding Cisco Data Center Foundations (DCFNDU) v1.0 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 also earns you 30 Continuing Education (CE) credits towards recertification.

Who Should Attend

This course will help you:

Prepare for entry-level job roles in the high-demand area of data center environments

Prepare for courses that support the Cisco Certified Network Professional Data Center certification exams

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

Learning Outcomes

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 Fabric Extender (FEX) connectivity

Describe Ethernet port channels and virtual port channel (VPCs)

Introduce switch virtualization, machine virtualization, and 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 N-Port Virtualization (NPV) and N-Port Identifier Virtualization (NPIV)

Describe data center Ethernet enhancements that provide a lossless fabric

Describe Fibre Channel over Ethernet 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

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

Q: What delivery options are available for Cisco Understanding Cisco Data Center Foundations v1.1 (DCFNDU)?

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

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

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 **PENPALS** when booking your Cisco Understanding Cisco Data Center Foundations v1.1 (DCFNDU) 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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