

# Implementing Cisco NX-OS Switches and Fabrics in the Data Center (DCNX)

**Category:** Data Center

**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 Cisco NX-OS Switches and Fabrics in the Data Center (DCNX) v1.0 course gives you a detailed understanding of the CiscoNexus switch platform and teach you how to install, configure, and manage Cisco Nexusswitch platforms in a scalable, highly available environment. Through a combination of lectures and hands-on labs, you will learn how to describe various aspects of the Cisco Nexus product families and platforms, including implementation, management, security, programmability and storage. Additionally, you will learn how to configure device aliases and zoning, Fibre Channel over Ethernet (FCoE), and N-Port Identifier Virtualization (NPIV), and N-Port Virtualization (NPV) modes.

## About This Course

The Implementing Cisco NX-OS Switches and Fabrics in the Data Center (DCNX) v1.0 course gives you a detailed understanding of the CiscoNexus switch platform and teach you how to install, configure, and manage Cisco Nexus switch platforms in a scalable, highly available environment. Through a combination of lectures and hands-on labs, you will learn how to describe various aspects of the Cisco Nexus product families and platforms, including implementation, management, security, programmability and storage. Additionally, you will learn how to configure device aliases and zoning, Fibre Channel over Ethernet (FCoE), and N-Port Identifier Virtualization (NPIV), and N-Port Virtualization (NPV) modes.

## **Who Should Attend**

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Data center systems engineers

Field engineers

Architects

Cisco partners using Cisco Nexus Series switch platforms

# 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 platforms that make the Cisco Nexus 9000, 7000, 3000, and 2000 product families

Describe Cisco Nexus platform implementations

Explain Cisco Nexus platform management

Describe Port Channels and Virtual Port Channels

Configure First Hop Redundancy protocols

Configure security features of Cisco Nexus devices

Describe the Cisco Nexus devices routing and forwarding

Describe Virtual Extensible LAN (VXLAN)

Describe Quality of Service (QoS) on Cisco Nexus Devices

Explain system management and monitoring processes

Describe Cisco NX-OS programmability

Describe Cisco Nexus storage services

Configure device aliases and zoning

Configure FCoE

Configure NPIV and NPV modes

## Additional Course Details

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Nexus Humans Implementing Cisco NX-OS Switches and Fabrics in the Data Center (DCNX) 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 Implementing Cisco NX-OS Switches and Fabrics in the Data Center (DCNX) 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 Implementing Cisco NX-OS Switches and Fabrics in the Data Center (DCNX)?**

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 Implementing Cisco NX-OS Switches and Fabrics in the Data Center (DCNX) 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 Implementing Cisco NX-OS Switches and Fabrics in the Data Center (DCNX) 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 Implementing Cisco NX-OS Switches and Fabrics in the Data Center (DCNX)?**

Yes, we provide corporate training, dedicated training, and closed classes for Implementing Cisco NX-OS Switches and Fabrics in the Data Center (DCNX). 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 Implementing Cisco NX-OS Switches and Fabrics in the Data Center (DCNX)?

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 Implementing Cisco NX-OS Switches and Fabrics in the Data Center (DCNX) 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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