

training code: DCNX / e-learning / EN

E-Learning - Implementing Cisco NX-OS Switches and Fabrics in the Data Center

Cisco - On Demand E-Learning

The Implementing Cisco NX-OS Switches and Fabrics in the Data Center (DCNX) v1.0 course gives you a detailed understanding of the Cisco Nexus switch platform and teaches you how to install, configure, and manage Cisco Nexus switch platforms in a scalable, highly available environment.

Through a combination of instructor videos 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), N-Port Identifier Virtualization (NPIV), and N-Port Virtualization (NPV) modes.

Access Duration: 180 days

Continuing Education Credits: 40



Purpose of the training

- Data center systems engineers
- Field engineers
- Architects
- Cisco partners using Cisco Nexus Series switch platforms



Benefits of completing the training

This course will help you:

- Describe, implement, configure, and manage Cisco Nexus product families and platforms, including redundancy protocols and security features, in a scalable environment
- Gain valuable hands-on experience with Cisco Nexus products in a lab setting
- Develop expertise with the Cisco Nexus product families and platforms



Expected Listener Preparation

Before taking this course, you should:

- Be familiar with Cisco data center technologies
- Understand networking protocols, routing, and switching



Training Language

Language: English

Materials: English



Training Includes

- Labs
- Self-Paced Training
- Video Training



Duration

1 days / 1 hours

Training agenda

- 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