Current Technologies
Computer Learning Centers

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Cisco Partner
Platinum Learning

WHERE GREAT TRAINING HAPPENS EVERYDAY!

Implementing Cisco NX-OS Switches and Fabrics in the Data Center (DCNX) V1.1

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The Implementing Cisco NX-OS Switches and Fabrics in the Data Center training 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 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) mode.

This training also earns you 40 Continuing Education (CE) credits towards recertification.

How you'll benefit

This class 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
- Earn 40 CE credits towards recertification

Why Attend with Current Technologies CLC

- Our Instructors are in the top 10% rated by Cisco
- Our Lab has a dedicated 1 Gig Fiber Connection for our Labs
- Our Labs run up to Date Code for all our courses

Who Should Attend

The primary audience for this course is as follows:

- Data Center Systems Engineers
- Field Engineers
- Architects
- Cisco partners using Cisco Nexus Series switch platforms

Prerequisites

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

Course Duration
5 days

Course Price
$4,595.00 or 46 CLCs

Methods of Delivery
- Instructor Led
- Virtual ILT
- On-Site

OUTLINE

Module 1: Describing Cisco Nexus Series Switches

Module 2: Describing Cisco Nexus Platforms Implementation

Module 3: Describing Cisco Nexus Platforms Management

Module 4: Describing Port Channels and Virtual Port Channels

Module 5: Configuring First Hop Redundancy Protocols

Module 6: Configuring Cisco Nexus Security Features

Module 7: Describing Cisco NX-OS Routing and Forwarding

Module 8: Describing Virtual Extensible LAN

Module 9: Describing QoS on Cisco Nexus Devices

Module 10: Configuring System Management and Monitoring

Module 11: Describing Cisco NX-OS Programmability

Module 12: Describing Cisco Nexus Storage Services

Module 13: Configuring Fibre Channel Over Ethernet

Module 14: Describing Device Aliases and Zoning

Module 15: Configuring NPIV and NPV Modes

LAB OUTLINE

Lab 1: Test Cisco Nexus Platforms

Lab 2: Configure User Management

Lab 3: Configure vPC

Lab 4: Configure First Hop Redundancy Protocol (FHRP) Protocols

Lab 5: Configure Cisco Nexus Security Features

Lab 6: Configure Open Shortest Path First (OSPF)

Lab 7: Configure VXLAN

Lab 8: Configure QoS

Lab 9: Configure System Management

Lab 10: Configure Cisco NX-OS On-Box Programmability

Lab 11: Configure Containers on Cisco NX-OS

Lab 12: Configure Cisco NX-OS Using Ansible

Lab 13: Configure Basic Fibre Channel Features

Lab 14: Configure FCoE

Lab 15: Configure Fiber Channel Device Aliases and Zoning

Lab 16: Configure NPV