

Implementing Cisco Data Center Unified Fabric (Part of the CCNP Data Center certification track)



Course Outline

Module 1: Cisco Nexus Product Overview

- Lesson 1: Describing the Cisco Data Center Network Architecture
- Lesson 2: Identifying Cisco Nexus Products

Module 2: Cisco Nexus Switch Feature Configuration

- Lesson 1: Understanding High Availability and Redundancy
- Lesson 2: Configuring Virtual Device Contexts
- Lesson 3: Configuring Layer 2 Switching Features
- Lesson 4: Configuring PortChannels
- Lesson 5: Implementing Cisco FabricPath
- Lesson 6: Configuring Layer 3 Switching Features
- Lesson 7: Configuring IP Multicast

Module 3: Cisco Nexus Switch Advanced Feature Configuration

- Lesson 1: Describing Cisco OTV
- Lesson 2: Configuring MPLS
- Lesson 3: Configuring LISP
- Lesson 4: Configuring QoS
- Lesson 5: Configuring Security Features

Module 4: Cisco Nexus Storage Features

- Lesson 1: Describing Fibre Channel Protocol
- Lesson 2: Describing FCoE Protocol
- Lesson 3: Identifying DCB Enhancements
- Lesson 4: Configuring FCoE
- Lesson 5: Configuring SAN Switching Features

Lesson 6: Configuring NPV Mode

Lesson 7: Using SAN Management Tools

Module 5: Cisco Nexus Switch Management

Lesson 1: Using the CMP

Lesson 2: Configuring User Management

Lesson 3: Describing System Management

Lab Outline

Lab 2-1: Configure Layer 2 Switching

Lab 2-2: Configure vPCs

Lab 2-3: Configure Cisco FabricPath

Lab 2-4: Configure Layer 3 Switching

Lab 3-1: Configure OTV

Lab 3-2: Configure QoS

Lab 3-3: Configure Security Features

Lab 4-1: Configure FCoE

Lab 4-2: Configure NPV

Lab 5-1: Configure System Management

Lab 5-2: Implement Cisco DCNM for LAN