Configuring Cisco Nexus Data Center (CCNDC)

Course Outline

Module 1: Configuring the Cisco Nexus Data Center Transport Infrastructure:

Lesson 1: Determining the Elements of Proper Data Center Design
Lesson 2: Selecting Hardware to Meet the Data Center Design Requirements
Lesson 3: Performing Initial Device Setup and Software Configuration
Lesson 4: Configuring and Verifying the Data Center Transport infrastructure

Lab 1: Managing the Cisco Nexus Hardware and Software Platforms
Lab 2: Creating a Virtual Network Device
Lab 3: Configuring and Verifying the Layer 2 Data Center Topology
Lab 4: Configuring and Verifying the Layer 3 Data Center Topology

Module 2: Configuring the Cisco Nexus Data Center for Virtual Machines:

Lesson 1: Connecting Virtualized Machines to the Network
Lesson 2: Introduction to unified compute
Lesson 3: Installing and Verifying the Virtual Computing Environment
Lesson 4: vCenter

Lab 5: Connecting Virtual Machines to the Network
Lab 6: service profile for servers
Lab 7: Installing and Verifying ESXi hypervisor and virtual machine
Lab 8: Installing and Configuring DVS Switch and connecting vm

Module 3: Scaling and Interconnecting the Cisco Nexus Data Center:

Lesson 1: Scaling the Data Center Using Cisco FabricPath
Lesson 2: Connecting Multiple Data Centers Together Using OTV

Lab 9: Scaling the Data Center Using Cisco FabricPath
Lab 10: Connecting Multiple Data Centers Together Using OTV