



Introducing Cisco Data Center Technologies v6.2 - DCICT (Associate)

Course Details

Course Outline

1. Cisco Data Center Network Virtualization

- Describing Switch Virtualization
- Describing Machine Virtualization
- Describing Network Virtualization

2. Cisco Data Center Network Technologies Configuration

- Describing Cisco FabricPath
- Describing Cisco Fabric Extender
- Describing Port Channels and Virtual Port Channels
- Describing Cisco Unified Fabric

3. Cisco Unified Computing System

- Describing Cisco UCS Components
- Cisco UCS RBAC
- Deploying Servers in Cisco UCS

4. Data Center Automation and Orchestration

- Using Application Programming Interfaces
- Cloud Computing
- Describing Cisco UCS Director
- Using Cisco UCS Director for Orchestration

5. Cisco Application-Centric Infrastructure

- Describing Cisco ACI
- Describing Cisco ACI Traffic Forwarding
- Programming and Orchestrating Cisco ACI



6. Labs

- Configure Virtual Routing and Forwarding by Using SSH
- Explore the Elements of Virtual Device Contexts
- Install VMware ESXi and vCenter
- Configure Cisco FabricPath
- Configure the Cisco Nexus 2000 Fabric Extender
- Configure Virtual Port Channels
- Configure Virtual Port Channels with FEX
- Configure Unified Ports on Cisco Nexus Switch and Implement FCoE
- Explore Cisco UCS Server Environment
- Configure Local RBAC
- Configure Cisco UCS to Boot Servers from SAN
- Configure Cisco NX-OS with APIs
- Explore the Management Information Tree of the Cisco UCS Manager XML API
- Configure User Accounts in Cisco UCS Director
- Add Virtual and Physical Accounts to Cisco UCS Director
- Customize Cisco UCS Director
- Explore Cisco UCS Director Monitoring Capabilities
- Use Cisco UCS Director Orchestration Features