



Implementing Cisco Data Center Unified Computing v6.2 - DCUCI (Professional)

Course Details

Course Outline

1. Cisco Unified Computing System Implementation

- Describing Cisco UCS Server Form Factors
- Describing Cisco UCS Connectivity
- Configuring Identity Abstraction
- Configuring Service Profile Templates

2. SAN Storage Implementation for Cisco Unified Computing System

- Implementing iSCSI
- Implementing Fibre Channel
- Implementing FCoE

3. Security Implementation for Cisco Unified Computing System

- Implementing Role-Based Access Control
- Implementing External Authentication Providers
- Implementing Key Management

4. Operations and Maintenance for Cisco Unified Computing System

- Implementing Cisco UCS Firmware Updates
- Implementing Cisco UCS Backups
- Implementing Monitoring

5. Cisco Unified Computing System Automation

- Implementing Cisco UCS Central
- Implementing Cisco UCS Director and Cisco IMC Supervisor
- Comparing Scripting Options for Cisco UCS Manager



6. Labs

- Provision Cisco UCS Fabric Interconnect Cluster
- Configure Server and Uplink Ports
- Configure VLANs
- Configure a Cisco UCS Service Profile Using Hardware Identities
- Configure Basic Identity Pools
- Configure a Cisco UCS Service Profile Using Pools
- Configure a Service Profile Template
- Configure an iSCSI Service Profile
- Configure Pod-Specific Device Aliases
- Configure Zoning
- Configure VSANs in Cisco UCS Manager
- Configure Unified Ports on Cisco UCS Fabric Interconnects
- Install and Boot VMware ESXi on Cisco UCS C-Series Servers from SAN LUN
- Install and Boot VMware ESXi on Cisco UCS B-Series Servers from SAN LUN
- Configure Organizations and Locales
- Configure Job-Specific Roles
- Configure Cisco UCS Manager to Authenticate Users with Microsoft Active Directory
- Configure a Trusted Point and Key Ring in Cisco UCS Manager
- Perform Backup and Restore Activities
- Implement Syslog
- Deploy and Use Cisco UCS Central
- Deploy and Use Cisco IMC Supervisor
- Configure Cisco UCS Manager with XML API and Cisco UCS PowerTools