



Implementing Cisco Data Center Infrastructure v6.2 - DCII (Professional)

Course Details

Course Outline

1. Data Center Protocols

- Configuring Spanning Tree Protocol
- Configuring Port Channels
- Configuring Fabric Extenders
- Implementing Cisco FabricPath
- Understanding Overlay Transport Virtualization
- Implementing VXLAN
- Implementing LISP

2. Layer 3 Switching Features in the Data Center

- Configuring First-Hop Redundancy
- Configuring Routing
- Configuring IP Multicast

3. Data Center Infrastructure Security

- Configuring User Management
- Configuring System Security Features

4. Data Center Infrastructure Storage Fabric

- Basic Fibre Channel Configuration
- Managing Domains
- Implementing Port Security and Fabric Binding

5. FCoE Unified Fabric

- Describing FCoE
- Implementing FCoE

6. Data Center Infrastructure Storage Services



- Configuring Distributed Device Aliases
- Implementing Zoning
- Configuring NPIV and NPV
- Configuring Fibre Channel Over IP

7. Data Center Infrastructure Maintenance, Management, and Operations

- Configuring System Management
- Configuring Infrastructure Monitoring

8. Labs

- Configure Layer 2 Switching
- Configure Port Channels
- Configure FEX
- Configure Cisco FabricPath
- Configure OTV
- Configure VXLAN
- Configure VRRP
- Configure OSPF
- Configure User Management Security Features
- Configure System Security Features
- Configure Fibre Channel
- Manage Domains and Configure Persistent FCIDs
- Configure Fabric Binding and Port Security
- Configure FCoE
- Configure Device Aliases
- Configure Zoning
- Configure NPV
- Configure System Management
- Implement Infrastructure Monitoring