

Cisco Certified Network Professional (CCNP) Data Center

Course Outline

Core Data Center Technologies (DCCOR)

Topics:

- Data Center Networking Concepts
- Data Center Physical Infrastructure
- Data Center Storage Networking
- Data Center Compute
- Data Center Automation

Data Center Design (DCID)

Topics:

- Data Center Design Principles
- Network Design for Data Centers
- Compute Design for Data Centers
- Storage Network Design
- Data Center Security Design

Data Center Unified Computing (DCUCI)

Topics:

- Cisco Unified Computing System (UCS) Architecture
- UCS Deployment and Management
- Server Virtualization
- Storage Integration

Data Center Unified Fabric (DCUFI)

Topics:

- Cisco Nexus Switches
- Unified Fabric Technologies
- SAN and LAN Connectivity
- Fabric Extenders

Data Center Automation and Orchestration (DCAO)

Topics:

- Automation Concepts and Tools
- Cisco ACI (Application Centric Infrastructure)
- Scripting and Programming (Python, Ansible)
- Orchestration and Provisioning

Data Center Troubleshooting (DCT)

Topics:

- Troubleshooting Methodologies
- Network Troubleshooting
- Compute Troubleshooting
- Storage Network Troubleshooting