

INFOSOFT IT SOLUTIONS

Training | Projects | Placements

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Infosoft It solutions, Software Training & Development Institute, **9059683947 | 9182540872**

Cisco CCNP Data Center

Implementing and Operating Cisco Data Center Core Technologies (350-601 DCCOR)

This core exam focuses on knowledge and skills required for implementing data center technologies including networking, compute, storage, and automation.

Network

- Cisco Nexus switches
- VXLAN
- ACI architecture and components
- ACI integration with other solutions

Compute

- Cisco UCS components and architecture
- UCS Manager
- UCS Director
- HyperFlex

Storage

- Fibre Channel and FCoE
- iSCSI
- Unified Storage
- Data Center Storage protocols

Automation

- Cisco UCS Director
- Cisco Intersight
- Automation tools and scripts
- APIs and SDKs

Security

- Data Center security features
- ACI security policies
- UCS security features

Orchestration and Management

- ACI App Center
- Cisco UCS Director workflows
- Cisco Intersight features

After completing the core exam, you can choose one of the following concentration exams based on your interests or career goals:

Designing Cisco Data Center Infrastructure (300-610 DCID)

- Design methodologies and best practices
- Cisco Nexus and MDS architecture
- Data Center networking design

- Storage network design

Troubleshooting Cisco Data Center Infrastructure (300-615 DCIT)

- Troubleshooting methodologies
- Cisco Nexus troubleshooting
- MDS troubleshooting
- Data Center network troubleshooting

Implementing Cisco Application Centric Infrastructure (300-620 DCACI)

- ACI fabric infrastructure
- ACI policies
- Integrating ACI with external networks
- ACI automation and scripting

Implementing Cisco Storage Area Networking (300-625 DCSAN)

- SAN architecture
- Fibre Channel protocols
- FCoE
- Data Center storage security and management

Implementing Automation for Cisco Data Center Solutions (300-635 DCAUTO)

- Automation tools and workflows
- Python programming for automation
- Cisco Intersight
- UCS Director