



IT-DCID - Designing Cisco Data Center Infrastructure

Cisco - CCNP Data Center - Networking

Durata:

5 Giorni

Lingue:

Italiano

Certificazione:

**Cisco Certified Network Professional
Data Center**

Descrizione del corso

The Designing Cisco Data Center Infrastructure (DCID) v7.0 course helps you master design and deployment options focused on Cisco® data center solutions and technologies across network, compute, virtualization, storage area networks, automation, and security. You will learn design practices for the Cisco Unified Computing System™ (Cisco UCS®) solution based on Cisco UCS B-Series and C-Series servers, Cisco UCS Manager, and Cisco Unified Fabric. You will also gain design experience with network management technologies including Cisco UCS Manager, Cisco Data Center Network Manager (DCNM), and Cisco UCS Director. You can expect theoretical content as well as design-oriented case studies in the form of activities.

This course helps you prepare to take the exam, Designing Cisco Data Center Infrastructure (300-610 DCID), which leads to the new CCNP® Data Center and Cisco Certified Specialist - Data Center Design certifications.

Programma

- Describing High Availability on Layer 2
- Designing Layer 3 Connectivity
- Designing Data Center Topologies
- Designing Data Center Interconnects with Cisco OTV
- Describing Locator/ID Separation Protocol
- Describing VXLAN Overlay Networks
- Describing Hardware and Device Virtualization
- Describing Cisco FEX Options
- Describing Basic Data Center Security

ITCore Group

Via Balestra, 12
6900 Lugano (CH)
+41.091.9760019
www.itcoregroup.com

Via Lanino, 36
21047 Saronno (VA)
+39.02.84108669
www.itcoregroup.com

- Describing Advanced Data Center Security
- Describing Management and Orchestration
- Describing Storage and RAID Options
- Describing Fibre Channel Concepts
- Describing Fibre Channel Topologies
- Describing FCoE
- Describing Storage Security
- Describing SAN Management and Orchestration
- Describing Cisco UCS Servers and Use Cases
- Describing Fabric Interconnect Connectivity
- Describing Hyperconverged and Integrated Systems
- Describing Cisco UCS Manager Systemwide Parameters
- Describing Cisco UCS RBAC
- Describing Pools for Service Profiles
- Describing Policies for Service Profiles
- Describing Network-Specific Adapters and Policies
- Describing Templates in Cisco UCS Manager
- Model-Driven Programmability
- Lab Outline

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