Designing Cisco Data Center Infrastructure (DCID) v7.1

Duration 5 Days

COURSE DESCRIPTION

The Designing Cisco Data Center Infrastructure (DCID) provides training on designing data centers using Cisco data centers solutions and technologies. Topics covered include network designs with virtualization technologies, Layer 2 and Layer 3 technologies and routing protocols, and data center interconnect design options. You'll 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, while gaining experience with network management technologies including Cisco UCS Manager, Cisco Data Center Network Manager (DCNM), and Cisco UCS Director. This training also earns you 40 Continuing Education (CE) credits towards recertification.

This training helps you prepare to take the exam:

- 300-610 Designing Cisco Data Center Infrastructure (DCID)

COURSE OUTLINE

- Section 1: Describing High Availability on Layer 2
- Section 2: Designing Layer 3 Connectivity
- Section 3: Designing Data Center Topologies
- Section 4: Designing Data Center Interconnects with Cisco OTV
- Section 5: Describing Locator/ID Separation Protocol
- Section 6: Describing VXLAN Overlay Networks
- Section 7: Describing Hardware and Device Virtualization
- Section 8: Describing Cisco FEX Options
- Section 9: Describing Basic Data Center Security
- Section 10: Describing Advanced Data Center Security
- Section 11: Describing Management and Orchestration
- Section 12: Describing Storage and RAID Options
- Section 13: Describing Fibre Channel Concepts
- Section 14: Describing Fibre Channel Topologies
- Section 15: Describing FCoE
- Section 16: Describing Storage Security
- Section 17: Describing SAN Management and Orchestration
- Section 18: Describing Cisco UCS Servers and Use Cases
- Section 19: Describing Fabric Interconnect Connectivity
- Section 20: Describing Hyperconverged and Integrated Systems
- Section 21: Describing Cisco UCS Manager Systemwide Parameters
- Section 22: Describing Cisco UCS RBAC
- Section 23: Describing Pools for Service Profiles
- Section 24: Describing Policies for Service Profiles
- Section 25: Describing Network-Specific Adapters and Policies
- Section 26: Describing Templates in Cisco UCS Manager
- Section 27: Designing Data Center Automation.

NETWORK TRAINING CENTER CO.,LTD. (NTC) | www.trainingcenter.co.th
Call us today 0-2634-7993-4
177/1 BUI Bldg., 14th Fl., Unit 1, 3 & 4, Surawongse Rd., Suriyawongse, Bangrak, Bangkok, THAILAND | Email: sales@trainingcenter.co.th

PREREQUISITES

Before taking this course, you should be able to:

- Implement data center networking [Local Area Network (LAN) and Storage Area Network (SAN)]
- Describe data center storage
- Implement data center virtualization
- Implement Cisco Unified Computing System (Cisco UCS)
- Implement data center automation and orchestration with the focus on Cisco Application Centric Infrastructure (ACI) and Cisco UCS Director
- Describe products in the Cisco Data Center Nexus and MDS families

WHO SHOULD ATTEND

IT professionals with five to eight years of experience in these roles:

- Data center engineers
- Network designers
- Network administrators
- Network engineers
- Systems engineers
- Consulting systems engineers
- Technical solutions architects
- Server administrators
- Network managers
- Cisco integrators or partners

NETWORK TRAINING CENTER CO.,LTD. (NTC) | www.trainingcenter.co.th

Call us today 0-2634-7993-4

177/1 BUI Bldg., 14th Fl., Unit 1, 3 & 4, Surawongse Rd., Suriyawongse, Bangrak, Bangkok, THAILAND | Email: sales@trainingcenter.co.th