Designing Cisco Data Center Infrastructure v6.2 - DCID (Professional)

Course Details

Course Outline

Module 1: Data Center Network Connectivity Design

- Lesson 1: Describing High Availability on Layer 2
- Lesson 2: Describing Layer 3 Connectivity
- Lesson 3: Designing Data Center Topologies
- Lesson 4: Designing Data Center Interconnects with Cisco OTV
- Lesson 5: Designing a LISP Solution

Module 2: Data Center Infrastructure DesignObjective: Design

- Lesson 1: Describing Hardware and Device Virtualization
- Lesson 2: Describing FEX Options
- Lesson 3: Describing Virtual Networking
- Lesson 4: Describing Basic Data Center Security
- Lesson 5: Describing Advanced Data Center Security
- Lesson 6: Describing Virtual Appliances
- Lesson 7: Describing Management and Orchestration

Module 3: Data Center Storage Network Design

- Lesson 1: Describing Storage and RAID Options
- Lesson 2: Describing Fibre Channel Concepts
- Lesson 3: Describing Fibre Channel Topologies
- Lesson 4: Describing FCoE
- Lesson 5: Describing Storage Security
- Lesson 6: Describing Management and Orchestration

Module 4: Data Center Compute Connectivity Design

- Lesson 1: Describing Cisco UCS Servers and Use Cases
- Lesson 2: Describing Fabric Interconnect Connectivity
- Lesson 3: Describing Hyperconverged and Integrated Systems
- Lesson 4: Describing Management Systems
- Lesson 5: Describing Hadoop, SAP Hana, and IoT on Cisco UCS

Module 5: Data Center Compute Resource Parameters Design

- Lesson 1: Describing Cisco UCS Manager System-Wide Parameters
- Lesson 2: Describing Cisco UCS RBAC
- Lesson 3: Describing Pools for Service Profiles
- Lesson 4: Describing Policies for Service Profiles
- Lesson 5: Describing Network-Specific Adapters and Policies
- Lesson 6: Describing Templates in Cisco UCS Manager