
Configuring Cisco Data Center Unified Computing System

Duration: 5 Days **Course Code: DCUCS**

Overview:

The Configuring Data Center Unified Computing course is designed to familiarize data center engineers, architects and Cisco partners with the Cisco UCS B-series and C-series products. This course prepares individuals for implementing and maintaining Cisco UCS hardware with a strong emphasis on best practices. The Configuring Data Center Unified Computing course also addresses relevant additional features added by Version 2.1 Cisco UCS Software Release.

Target Audience:

This course is designed for: Individuals involved in the deployment and maintenance of a UCS system.

Objectives:

- Upon completing this course, the learner will be able to meet these overall objectives:
 - Describe the Cisco UCS architecture
 - Describe Cisco UCS LAN connectivity configuration
 - Describe Cisco UCS B-Series SAN connectivity configuration
 - Describe how to configure and manage the servers within Cisco UCS
 - Describe how to configure Cisco UCS virtualization
 - Describe how to configure Cisco UCS administration
 - Describe Cisco UCS C-Series features
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Prerequisites:

The knowledge and skills that a learner must have before attending this course are as follows:

- General knowledge of servers
 - Routing and switching knowledge - **DCUFI** course recommended
 - Storage area networking knowledge
 - Server virtualization knowledge
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Content:

Describing Cisco UCS Architecture

- Cisco UCS B-Series Blade Server Hardware Components
- Describing the Cisco UCS User Interfaces
- Configuring Cisco UCS B-Series Physical Connectivity and High Availability
- Using RBAC and Organizations

Cisco UCS LAN Connectivity

- Configuring Compute Node LAN Connectivity
- Configuring LAN Identity and Resource Pools
- Configuring Compute Node LAN Policies

Cisco UCS SAN Connectivity

- Configuring Compute Node SAN Connectivity
- Configuring Advanced Compute Node SAN Connectivity
- Configuring SAN Identity and Resource Pools

Configuring Cisco UCS B-Series Servers

- Configuring Server Identity and Resource Pools
- Configuring Server Policies
- Configuring Templates and Service Profiles
- Managing Service Profiles
- Configuring Logical Service Profiles that Boot from iSCSI

Configuring Cisco UCS Virtualization

- Configuring Cisco UCS VM-FEX
- Configuring Cisco UCS SR-IOV
- Configuring Cisco UCS VM-FEX Integration for Microsoft Windows Server 2012 Hyper-V
- Configuring the Cisco UCS VM-FEX for KVM SR-IOV

Cisco UCS Administration

- Backing Up and Restoring the Cisco UCS Manager Database
- Managing and Upgrading Cisco UCS B-Series Firmware
- Using Cisco UCS Management Tools

Cisco UCS C-Series Features

- Describing Cisco UCS C-Series Servers
- Describing Cisco USC C-Series Server Connectivity Options
- Using Cisco UCS C-Series IMC Discovery
- Upgrading Cisco UCS C-Series Firmware

Further Information:

For More information, or to book your course, please call us on +254 713 027 191

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