

Introducing Cisco Unified Computing System (DCIUCS)

Course Duration: 16 Hours

Course code: DCIUCS

1. Course Overview

The **Introducing Cisco Unified Computing System (DCIUCS)** course provides a comprehensive introduction to Cisco's Unified Computing System (UCS). This course is designed to help IT professionals understand UCS architecture, components, and management. Participants will gain foundational knowledge required to configure, manage, and operate Cisco UCS in a data center environment, enabling efficient and scalable infrastructure deployment.

2. What You'll Learn?

- Understand the architecture and components of Cisco UCS.
- Explore UCS Manager and its role in managing computing resources.
- Learn about service profiles, policies, and templates in UCS.
- Understand how UCS integrates with networking and storage components.
- Gain hands-on experience in basic UCS configuration and operations.

3. Target Audience

- Network engineers and administrators looking to expand their skills in data center technologies.
- IT professionals responsible for deploying and managing Cisco UCS environments.

- Individuals preparing for advanced Cisco data center certifications.

4. Pre-Requisites

- Basic understanding of networking concepts (TCP/IP, VLANs, routing, and switching).
- Familiarity with server hardware and storage concepts.
- Prior experience with Cisco networking devices is beneficial but not mandatory.

5. Course Content

Module 1: Introduction to Cisco UCS

- Overview of UCS architecture
- UCS components and their roles

Module 2: UCS Manager and System Management

- Navigation of UCS Manager
- Configuration management basics

Module 3: Service Profiles and Policies

- Creating and managing service profiles
- Policy configuration and application

Module 4: UCS Networking

- Understanding fabric interconnects
- Integrating UCS with LAN and SAN

Module 5: Storage Integration

- Connecting UCS to storage networks
- Configuring storage access for UCS servers

Module 6: UCS Troubleshooting and Best Practices

- Monitoring UCS environments
- Common troubleshooting techniques

