



UCS Director Implementation Fundamentals

DURATION: 1 DAY

COURSE CODE: UCSDF

FORMAT: LIVE/VIRTUAL

COURSE DESCRIPTION

The Cisco UCS Director Foundation (UCSDF) v6.6 course helps you understand concepts, architecture, and deployment use cases for Cisco UCS® Director. You will gain hands-on experience in deploying basic Cisco UCS Director solutions. You will also practice using core features that most implementations require, such as services design, using the self-service portal for provisioning services, creating workflows that enable cloud automation and standardize IT services, and more.

WHO SHOULD ATTEND

Data Center Architects
Cloud Infrastructure Architects
Network Engineers
System Administrators
Storage Administrators
System Engineers who work in data center solutions and manage data center management policies
Cisco Integrators and Partners

PREREQUISITES

It is recommended that a learner has the following knowledge and skills before attending this course:

- General knowledge of cloud and data center virtualization
 - Knowledge of Cisco UCS, NetApp storage, Cisco Nexus® switches, and VMware vCenter
 - Knowledge of data center processes and best practices
-

LEARNING OBJECTIVES

Understand Cisco UCS Director architecture
Understand deployment models of Cisco UCS Director
Configure virtual data centers, policies, and catalogs
Understand the unified infrastructure management capabilities of Cisco UCS Director
Understand orchestration and build advanced workflows
Understand application containers

COURSE OUTLINE

1. Introducing Cisco UCS Director

- Understanding Data Center Challenges
- Understanding the Benefits of Cisco UCS Director

2. Understanding Cisco UCS Director Components

- Explaining Cisco UCS Director Architecture
- Explaining Bare-Metal Agent

3. Understanding Cisco UCS Director Deployment

- Explaining Cisco UCS Director Deployment
- Explaining Global System Settings
- Understanding Site and Pod Management

4. Understanding Cisco UCS Director Infrastructure Management

- Understanding Cisco UCS Director Deployment

5. Understanding the Design Phase

- Understanding Policies
- Understanding vDC and Groups Use Case

6. Understanding Deployment through Self-Service Portal

- Understanding Self-Service Provisioning Portal
- Understanding Service Request

7. Introducing Orchestration

- Understanding Orchestration

8. Reporting and Monitoring in Cisco UCS Director

- Understanding Chargeback in Cisco UCS Director
- Understanding Reports in Cisco UCS Director

9. Introducing Application Containers

- Understanding Application Containers