

CLDADM- Introducing Cisco Cloud Administration

Duration: **On-Demand**

Overview:

This is an Associate-level self-study technical course in the curriculum for the CCNA Cloud certification. It covers foundational knowledge, skills, and technologies needed to perform the basics of Cisco Cloud Administration, including Cisco UCS Director, Cisco Prime Service Catalog, and Cisco Virtual Application Container Service (VACS). Topics include cloud provisioning, management, monitoring, and reporting, charge-back models, and remediation.

Audience:

- Cloud Operations Engineers operation and support of the Cisco Cloud Products and Solutions
- Cloud Technical Administrators implementation operation and support of Cisco Cloud Products and Solutions
- Cloud Infrastructure Architects design infrastructure and operations of Cloud Services using Cisco Cloud Products and Solutions

Pre-requisites:

To fully benefit from this course, you should first complete the following course or obtain the equivalent level of knowledge:
-Understanding CISCO Cloud Fundamentals (CLDFND)

Module 1: CISCO Cloud Technologies Overview

Lessons:

- Reviewing Cloud Environments
- Reviewing the Virtual Infrastructure
- Understanding the CISCO UCS Director
- Understanding the CISCO Cloud Solution

Module 2: CISCO Cloud Administration

Lessons:

- Administering the Portal in CISCO UCS Director
- Describing VM Operations in CISCO UCS Director
- Describing CISCO Prime Service Catalog Services

Module 3: CISCO Cloud Provisioning

Lessons:

- Deploying CISCO UCS Templates with CISCO UCS Director
- Explaining CISCO UCS Director Application Containers
- Describing the Basics of Cisco Virtual Application Container Services

Module 4: Cloud Systems Management and Monitoring

Lessons:

- Understanding System Monitoring in CISCO UCS Director
- Monitoring Dashboards in CISCO UCS Director
- Reporting in CISCO UCS Director (CloudSense)
- Creating Budget and Resource Limits in CISCO UCS Director
- Describing CISCO UCS Performance Manager

Module 5: Cloud Remediation

Lessons:

- Configuring Serviceability Options
- Interpreting Logs for Root Cause Analysis
- Reviewing Backup CISCO UCS Director Configurations

Course Completion:

After completing this course, students will be able to:

- Identify the components of the Cisco Cloud Management software solution
- Explain the fundamentals of Cloud Infrastructure administration
- Describe reporting and charge-back
- Provision clouds using preconfigured templates
- Perform cloud management, monitoring and remediation