



Introducing Cisco Cloud Administration

DURATION: 5 DAYS

COURSE CODE: CLDADM

FORMAT: LIVE/VIRTUAL

COURSE DESCRIPTION

The Introducing Cisco Cloud Administration (CLDADM) v1.1 and v1.2 course prepares you for the Cisco CCNA® Cloud certification and for associate-level cloud operations and administration roles. This course 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 Services (VACS). Topics include cloud provisioning, management, monitoring and reporting, charge-back models, and remediation.

IT practitioners who have Cisco CCNA Cloud training and certification have validated essential skills in Cisco technologies and industry best practices needed for these in-demand roles.

Version 1.1 of this course is instructor-led, and version 1.2 is e-learning.

WHO SHOULD ATTEND

Cloud administrators
Cloud operations engineers
Cloud infrastructure architects
Cisco integrators and partners

PREREQUISITES

Understanding Cisco Cloud Fundamentals (CLDFND) v1.1 or higher.

LEARNING OBJECTIVES

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

This class will help you:

Gain job-role-based knowledge and skills through Cisco's unique combination of theory, practical application, and hands-on practice
Succeed in today's demanding associate-level cloud operations roles
Prepare to pass the Cisco CCNA Cloud certification exam

COURSE OUTLINE

1. Cisco Cloud Technologies Overview

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

2. Cisco Cloud Administration

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

3. Cisco Cloud Provisioning

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

4. Cloud Systems Management and Monitoring

- 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

5. Cloud Remediation

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

DISCOVERY LABS

- 1: Explore Cisco UCS Director Portal and Register Virtual and Physical Components
- 2: Explore Cisco UCS Director Portal Administration Tasks
- 3: Explore Cisco UCS Director VM Operation Tasks Using Predefined Workflow
- 4: Explore Cisco Prime Service Catalog
- 5: Explore VM, Cisco UCS, and Server Templates in Cisco UCS Director
- 6: Explore Application Container Tasks Defining Two-Tier Application Container
- 7: Explore Cisco UCS Director Monitoring Capabilities
- 8: Explore Cisco UCS Director Built-In Reports
- 9: Explore Monitoring Dashboards in Cisco UCS Director and Generate a Top-N Report
- 10: Explore Charge-Back Reporting Capabilities of Cisco UCS Director
- 11: Enable Serviceability Options in Cisco UCS Director
- 12: Explore Logs in Cisco UCS Director
- 13: Back Up Cisco UCS Director Configuration to a Backup Server