

Cisco Data Center Compute Technologies (DCCOMP)

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The Cisco Data Center Compute Technologies (DCCOMP) training covers the essentials of deploying, configuring, and operating Cisco data center compute solutions. The focus is on the core lifecycle of Cisco compute solutions, guiding you through Day 0 physical deployment and Day 1 configuration using Cisco Intersight Managed Mode (IMM), to Day 2 operations, monitoring, and advanced troubleshooting using Cisco Intersight.

This training also earns you 14 Continuing Education (CE) credits toward recertification.

How you'll benefit

This class will help you:

- Acquire essential skills to deploy, configure, and operate Cisco data center compute solutions across the full lifecycle, from physical deployment to advanced troubleshooting using Cisco Intersight
- Design and implement multi-tenant administrative structures with role-based access control and manage diverse infrastructure targets in Private Virtual Appliance environments
- Create and deploy Cisco UCS server profiles, templates, and policies for efficient, consistent server management and provisioning
- Gain expertise in proactive monitoring, troubleshooting, securing Cisco UCS infrastructure, and executing coordinated firmware upgrades using Cisco Intersight tools
- Integrate Cisco Intersight with third-party systems like ServiceNow and Splunk to enhance infrastructure telemetry visibility and analysis
- Earn 14 CE credits toward recertification

Why Attend with Current Technologies CLC

- Our Instructors are in the top 10% rated by Cisco
- Our Lab has a dedicated 1 Gig Fiber Connection for our Labs
- Our Labs run up to Date Code for all our courses

Who Should Attend

The primary audience for this course is as follows:

- Data Center Engineers
- Systems Engineers
- Server Administrators
- Network Administrators
- Technical Solutions Architects
- Cisco Integrators/Partners
- Field Engineers
- Network Designers
- Network Managers
- Project Managers

Course Duration

3 days

Course Price

\$2,695.00 or 27 CLCs

Methods of Delivery

- Instructor Led
- Virtual ILT
- On-Site

Prerequisites

There are no prerequisites for this training. However, the knowledge and skills you are recommended to have before attending this training are:

- Familiarity with Cisco data center networking and computing
- Familiarity with Cisco UCS compute architecture and operations
- Familiarity with Data Center core technologies

OUTLINE

Module 1: Cisco Intersight Locations, Organizations, and Role-Based Access Control

Module 2: Cisco Intersight Targets

Module 3: Domain and Chassis Profiles

Module 4: Server Profiles, Templates, and Policies

Module 5: Cisco Intersight Dashboards

Module 6: Cisco Intersight Virtualization

Module 7: Cisco Intersight Storage Management

Module 8: Cisco Intersight Server Operating System Installation

Module 9: Cisco Intersight Monitoring

Module 10: Cisco Intersight Data Collection

Module 11: Cisco Intersight Metrics

Module 12: Cisco Intersight Diagnostic Data

Module 13: Device Console

Module 14: Software Repository and Firmware Management

Module 15: Troubleshooting Use Cases

Module 16: Cisco Intersight Add-On for Splunk and Incident Management Plugin

Lab Outline

- Lab 1: Configure Organizations and Roles
- Lab 2: Navigate the Cisco Intersight User Interface
- Lab 3: Create Pools and Policies
- Lab 4: Create Server Profile
- Lab 5: Profiles from Templates
- Lab 6: Cisco Intersight Dashboards
- Lab 7: Automated Bare-Metal OS Installation Simulation

- Lab 8: Configure Cisco Intersight Assist as a Data Proxy
- Lab 9: Resolving Server Profile Association Failures Simulation