



Administering Cisco Data Center Unified Computing System with Intersight v6.0

- 4 Day Course
- Lecture and Hands-On Labs

Course Overview

DCUCAI, Administering Cisco Data Center Unified Computing System with Intersight is a 4-day instructor-led course. In this Cisco UCS server training course, you will become experienced with the administration and troubleshooting of Cisco Unified Computing System (UCS) X-Series, B-Series, C-Series, next-gen UCS servers including using Cisco Intersight SaaS for UCS management. This custom-built Cisco UCS training class was developed by EnterOne using the best lessons from all available Cisco server courses to maximize the learning experience for individuals who want to focus on day-to-day administration using Intersight SaaS as the primary interface to manage UCS Infrastructure. Using real-world scenarios and examples, this Cisco training course will explore the components of the UCS-X, B-Series Blades, C-Series Rack Mount, and cover next-gen solutions such as C4500. Intersight SaaS provides a day-to-day administrative single interface for managing UCS infrastructure. Learn to access Intersight, claim devices, run UCSM commands from Intersight, Firmware Upgrades, and other functions.

Who Should Attend


- Systems Administrators and Engineers
- Technical Solutions Architects
- Systems Integrators
- Channel Partners
- Value-Added Resellers
















What You'll Learn

- Understand the B-Series and C-Series product line similarities and differences
- Claiming resources in Intersight
- Managing UCS domains in Intersight
- Describe the Intersight support for C-Series standalone and UCS managed architectures
- Understand the process for upgrading B-Series and C-Series Firmware with Intersight
- Administering service profiles, pools, and policies with Intersight running UCS natively
- Understanding RBAC with Active Directory integration
- Administering backup and restores in UCS Manager
- Learn and discuss the various management tools for Cisco UCS including Intersight
- Perform basic troubleshooting of B-Series and C-Series in normal operations with UCSM and Intersight
- Describe how to get started with Intersight programmability

Outline

Software Control Management

-  Lecture + Lab: SCM Option #1 - GitHub
-  Lecture + Lab: SCM Option #2 - GitLab

-  Lecture + Lab: Connecting to the Lab Environment
-  Lecture + Lab: Exploring Cisco Intersight Interface
-  Lecture + Lab: Setting Up IMM in Cisco Intersight
-  Lecture + Lab: Implementing and Troubleshooting RBAC using the Intersight API
-  Lecture + Lab: Nutanix Integration in Cisco UCS
-  Lecture + Lab: Cisco UCS X-Series Configuration with Intersight
-  Lecture + Lab: Designing LAN and SAN Connectivity for UCS
-  Lecture + Lab: Managing UCS-X in IMM Mode
-  Lecture + Lab: Firmware Management in Cisco UCS-X with Intersight
-  Lecture + Lab: Utilizing Intersight Workload Optimizer (IWO)
-  Lecture + Lab: Orchestrating Workflows with Intersight Cloud Orchestrator (ICO)
-  Lecture + Lab: Implementing Automation with Intersight API and Ansible
-  Lecture + Lab: Objective: Using the Intersight API for automation tasks, focusing on Python scripting
-  Lecture + Lab: Troubleshooting Connectivity and Performance in Intersight-Managed UCS Environments
-  AI-Powered Systems Management

Prerequisites

- Basic knowledge of Cisco routing and switching
- Basic knowledge of Cisco Unified Computing Systems
- Basic knowledge of servers and storage
- Familiarity with Cisco UCS and Hyperflex

Next Courses

- Configuring Cisco Catalyst 9800 and Intro to Wi-Fi 6 v2.0
- Implementing and Administering DNA Center for Assurance v2.0
- Administering Cisco UCS X-Series Solutions with Intersight
- Managing LAN Networks with Cisco Nexus Dashboard
- Cisco SD-WAN Operations, Troubleshooting, and Best Practices