

Cisco Intersight Essentials (DCEIS)

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The Cisco Intersight Essentials training teaches you various aspects of Cisco Unified Computing System (UCS), including hardware, connectivity, and management. You will learn Cisco Intersight characteristics, licensing, and features, along with insights into server profile deployment and prerequisites for installing operating systems from Cisco Intersight.

This training prepares you for configuring, managing, and monitoring your network, computing, and storage assets. You will gain experience using features, such as Cisco Intersight Workload Optimizer (IWO), Cisco Intersight Cloud Orchestrator (ICO), and Cisco Intersight Virtualization Services (IVS). Also, you will become familiar with the Cisco Intersight Application Programming Interface (API) by using HashiCorp Terraform to automate Cisco Intersight configuration. This training also earns you 11 Continuing Education (CE) credits toward recertification.

How you'll benefit

This class will help you:

- Configure and monitor computing, storage, networking, and cloud assets using Cisco Intersight Infrastructure services
- Apply intent-based configuration techniques using Cisco Intersight Cloud Orchestrator (ICO)
- Gain an understanding of the Cisco Intersight API by integrating automation tools such as HashiCorp Terraform, Ansible, and Python
- Develop the technical proficiency in protocols, solutions, and designs required to advance into professional and expert-level data center roles
- Earn 18 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:

- Server Administrators
- Network Engineers
- Systems Engineers
- Consulting Systems Engineers
- Network Administrators
- Storage Administrators
- Network Managers

Course Duration

3 days

Course Price

\$2,795.00 or 28 CLCs

Methods of Delivery

- Instructor Led
- Virtual ILT
- On-Site

- Sales Engineers
- Technical Solutions Architects

Prerequisites

The knowledge and skills you are expected to have before attending this training are:

- General knowledge of Cisco UCS servers
- Server virtualization knowledge

OUTLINE

Module 1: Cisco Unified Computing System Fundamentals

Module 2: Cisco Intersight Characteristics

Module 3: Cisco Intersight Server Profile Deployment

Module 4: Cisco Intersight Server Operating System Installation

Module 5: Cisco Intersight Virtual Appliance

Module 6: Cisco Unified Computing System X-Series

Module 7: Cisco Unified Computing System B- and C-Series Servers

Module 8: Cisco Intersight Platform Firmware Operation

Module 9: Cisco Unified Computing System Converged Infrastructure

Module 10: Accessing Cisco Intersight

Module 11: Cisco Intersight Managed Mode

Module 12: Cisco Intersight Virtual Services

Module 13: Cisco Intersight Cloud Orchestration

Module 14: Terraform Provider Registry

Module 15: Cisco Intersight API

Module 16: Deploying VMware ESXi to a Blade Using Cisco Intersight

Module 17: Cisco IMM Transition Tool

Lab Outline

Lab 1: Navigate the Cisco Intersight User Interface

Lab 2: Configure Organizations and Roles

Lab 3: Configure Server Features

Lab 4: Create Pools and Policies

Lab 5: Create Server Profile

Lab 6: Create Server Profiles from Server Profile Template

Lab 7: Configure Cisco ICO

Lab 8: Configure Terraform Provider Registry

Lab 9: Configure Cisco Intersight API with Python

Lab 10: Configure Cisco Intersight API with Ansible