Administering Cisco UCS X-Series Solutions with Intersight

- 5 Day Course
- Lecture and Hands-On Labs

Course Overview

This deep-dive training covers Cisco UCS X-Series server family and how Intersight can be the enablement platform for all UCS servers.

We will cover Intersight features such as IWOM, IST, ICO, and programmability either On-Prem or in the Cloud. Attendees will learn the breadth of the physical X-Series (pools, policies, firmware, so much more) platform as well as maintaining existing infrastructure with Intersight Infrastructures Services. Also covered is how to manage physical, virtual, cloud platforms and deploy to any or all.

Who Should Attend

- Server Administrators
- Systems Engineers
- Storage Administrators
- Technical Solutions Architects
- Integrators and Partners
- Consulting Systems Engineers
- Network Administrators
- Network Engineers
- Network Managers
- Architects

What You'll Learn

- Understand, describe, and configure Cisco Intersight (on prem and SaaS models)
- Understand, describe, and configure Intersight Advanced features (IST, ICO, IWOM)
- Understand, describe, and configure IMM and UMM mode for UCS
- Understand, describe, and configure Cisco X-Series (FI, IFM, X210c Server, Adv Fabric Module)
- Create Intersight Pools, Policies, and Management for X-Series
- Design and operate Cisco UCS with Intersight Managed Mode Solutions

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)

Prerequisites

- None

Next Courses

- Administering Cisco Data Center Unified Computing System with Intersight v6.0
- Configuring Cisco Catalyst 9800 and Intro to Wi-Fi 6 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