Cisco UCS X-Series with Intersight Deployment

COURSE OVERVIEW

This one-day Cisco UCS X-Series with Intersight Deployment course enables Cisco customers, internal and Partner SEs/FEs to deploy the UCS X9508 chassis, X210c/X410c compute nodes, 6400/6500 Series Fabric Interconnects and options. Participants learn how to prepare the UCS X-Series hardware components for discovery by Intersight Managed Mode (IMM). The course also includes information on how the UCS solution architecture has evolved to the X-Series and how to manage solution components with Intersight. The delivery format is lecture that includes a lab demonstration.

WHO WILL BENEFIT FROM THIS COURSE?

Cisco customers, internal and Partner SEs/FEs looking to deploy the UCS X9508 chassis, X210c/X410c compute nodes, and 6400/6500 Series Fabric Interconnects.

PREREQUISITES

To fully benefit from this course, you should have the following knowledge and skills:

- Basic understanding of UCS

COURSE OBJECTIVES

After taking this course, you should be able to:

- Articulate the solution level architecture of the UCS X-Series solution, and the role of IMM and the key differentiators of the X-Series solution from previous UCS architecture.
- Identify the function of each hardware component in the UCS X-Series solution and the communication and traffic flow between components.
- Enumerate the key requirements to successfully deploy a UCS X-Series solution with Intersight.
- Identify the key features Cisco Intersight as they are accessed to manage a UCS X-Series deployment.

COURSE OUTLINE

Module 1: Cisco UCS X-Series Hardware Components & Traffic Flow

- Hardware Component Overview
- Cisco UCS X9508 System Chassis
- Fabric Components
- Compute Options
- Storage Options
- Networking & Data Flow
- Power/Cooling Efficiency
- X-Fabric
- GPU Front Mezz
- 5th Generation Fabric

Module 2: Cisco UCS X-Series Installation Considerations
- Managing Cisco UCS 2.0 with Cisco Intersight
- Deployment Model Options
- Installation Considerations
- Installing and Removing Components

Module 3: Cisco UCS Migration and Operations
- Prerequisites
- Installing Cisco Intersight IMM Transition Tool
- Accessing Cisco Intersight IMM Transition Tool
- Initiate Migration
- Verification

Module 4: Cisco UCS X-Series Management through Intersight
- Intersight Overview
- Intersight Licensing
- Accessing the Intersight Dashboard
- Dashboard Navigation
- Inventory Views
- Configuration of Intersight vs. UCSM/UCSC
- Domain Claiming
- Domain and Server Policies/Profiles
- Submitting Feedback

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