DCUCI 6.1 - mplementing Cisco Data Center Unified Computing (DCUCI) 6.1

Overview

Course Code	DCUCI 6.1	Duration	5.0 days

The focus of this skills-building course is on deploying, securing, operating, and maintaining the Cisco Unified Computing System (UCS) and UCS C-Series Rack Servers for use in data centers. The extensively hands-on course covers configuring and managing Cisco UCS servers using unified I/O networking for LAN and SAN connectivity, virtualizing server hardware identifiers to enable rapid recovery of server operating system images, automating UCS deployments using UCS Central Software and Cisco Integrated Management Controller (IMC) Supervisor, configuring fault tolerance, implementing role-based access control (RBAC), backing up and restoring system configurations, and using the monitoring and troubleshooting tools in Cisco UCS Manager and Cisco IMC.

Audience

Channel Partners

Customers

Employees

Entry-level to experienced Network Administrator

Senior Network Engineer

Presales Engineer

Design Engineer

Data Center Administrator

Senior Systems Engineer

Senior Technical Solutions Architect

Pre-Requisites

It is recommended that a learner has the following knowledge and skills before attending this course:

Understanding of server system design and architecture

Familiarity with Ethernet and TCP/IP networking

Familiarity with SANs

Familiarity with Fibre Channel protocol

Understanding of Cisco Enterprise Data Center Architecture

Familiarity with hypervisor technologies (such as VMware)

Key Topics

Module1: Cisco Unified Computing System Implementation

Module 2: SAN Storage Implementation for Cisco Unified Computing System

Module 3: Automation

Module 4: Unified Computing Security

Module 5: Cisco Unified Computing System Automation

Objectives

Upon completion of this course, you will be able to:

Install the UCS B-Series system out of the box and deploy service profiles using pooled identities and service profile templates

Configure the UCS B-Series system for deployments using iSCSI and configure B- and C-Series systems for deployments using Fibre Channel for regular data access and booting

Configure and implement security mechanisms such as RBAC with Organizations and Locales, LDAP integration, trusted points, and key rings

Configure and implement monitoring with syslog and Call Home

Manage UCS Manager domains with UCS Central, manage multiple C-Series servers with Cisco IMC Supervisor, and interact with the UCS Manager XML API