

CISCO DATA CENTER UNIFIED COMPUTING IMPLEMENTATION (DCUCI v6.1)

Temario

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.

Pre-requisitos

- 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)

Dirigido a

- 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

Objetivos del curso

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

Contenido

- 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