Introducing Cisco Unified Computing System (DCIUCS)

Description

The **Introducing Cisco Unified Computing System (DCIUCS)** training that shows you introductory information needed to deploy, secure, operate, and maintain the Cisco Unified Computing System (UCS) B-Series blade servers, Cisco UCS C-Series and S-Series rack servers, and Cisco HyperFlex™ product family for use in data centers. You will gain hands-on practice on basic Cisco UCS server configuration, performing backup and restore activities, and more.

This training also earns you 12 Continuing Education (CE) credits toward recertification.

How you'll benefit

This training will help you:

- Learn how to implement and maintain Cisco UCS servers
- Gain knowledge and skills through Cisco's unique combination of lessons and hands-on practice using enterprise-grade Cisco learning technologies, data center equipment, and software
- Prepare for data center job roles
- Earn 12 CE credits toward recertification

Who should enroll

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

Technology areas

- Data Center

Objectives

- Describe Cisco UCS server hardware
- Describe Cisco UCS connectivity
- Describe the Cisco HyperFlex Data Platform, its data writing and reading processes, and data optimization
- Describe and configure Cisco UCS service profiles
- Describe and configure Cisco UCS service profile templates
- Describe and implement Internet Small Computer Systems Interface (iSCSI) on Cisco UCS
- Describe and implement Cisco UCS firmware updates
- Describe and implement Cisco UCS backups

Prerequisites

There are no prerequisites for this training. However, the knowledge and skills you are recommended to have before attending this training are:

- General knowledge of servers
- Routing and switching
- Storage area networking
- Server virtualization

These skills can be found in the following Cisco Learning Offerings:

- Implementing and Administering Cisco Solutions (CCNA)
- Understanding Cisco Data Center Foundations (DCFNDU)
- Implementing and Operating Cisco Data Center Core Technologies (DCCOR)

Outline

- Describing Cisco UCS Server Hardware
- Describing Cisco UCS Connectivity
- Describing the Cisco HyperFlex HX Data Platform
- Configuring Cisco UCS Service Profiles
- Configuring Cisco UCS Service Profile Templates
- Implementing iSCSI on Cisco UCS
- Implementing Cisco UCS Firmware Updates
- Implementing Cisco UCS Backups

Lab Outline

- Explore Cisco UCS Manager GUI
- Configure Server and Uplink Ports
- Configure VLANs
- Configure Basic Identity Pools
- Configure a Cisco UCS Service Profile Using Pools
- Configure a Service Profile Template

- Configure an iSCSI Service Profile on Cisco UCS
- Perform Backup and Restore Activities

Links

- [Cisco U. Learning Path](#)
- [Cisco Learning Network Store](#)
- [Cisco Learning Locator](#)