

Configuring Cisco Unified Computing System (DCCUCS)

Description

The **Configuring Cisco Unified Computing System (DCCUCS)** training shows you how to deploy, secure, operate, and maintain Cisco Unified Computing System (UCS) B-series blade servers, Cisco UCS C-Series, and S-Series rack servers for use in data centers. You will learn how to implement management and orchestration software for Cisco UCS. You will gain hands-on practice: configuring key features of Cisco UCS, Cisco UCS Director, and Cisco UCS Manager; implementing UCS management software including Cisco UCS Manager and Cisco Intersight; and more.

This training also earns you 24 Continuing Education (CE) credits toward recertification.

How you'll benefit

This training will help you:

- Gain in-depth experience implementing and maintaining Cisco UCS servers to help you accelerate and provide robust UCS deployments
- 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
- Earn 24 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
- Cisco Integrators and Partners

Technology areas

- Data Center

Objectives

- Describe and implement SAN on Cisco UCS
- Describe Cisco UCS policies for service profiles
- Describe and implement Role-Based Access Control (RBAC) on Cisco UCS
- Describe and implement external authentication providers on Cisco UCS Manager
- Describe and implement key management on Cisco UCS Manager
- Describe Cisco UCS Director
- Describe and implement Cisco Intersight
- Describe the scripting options for Cisco UCS Manager
- Describe and implement monitoring on Cisco UCS Manager

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 knowledge
- Storage area networking knowledge
- Server virtualization knowledge

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 \(DCCOR\)](#)
- [Introducing Cisco Unified Computing System \(DCIUCS\)](#)

Outline

- Implementing Cisco UCS Storage Area Network (SAN)
- Describing Cisco UCS Policies for Service Profiles
- Implementing RBAC on Cisco UCS
- Implementing External Authentication Providers
- Implementing Key Management on Cisco UCS Manager
- Implementing Cisco UCS Director
- Implementing Cisco Intersight
- Describing the Scripting Options for Cisco UCS Manager
- Implementing Monitoring on Cisco UCS Manager

Lab Outline

- Configure Pod-Specific Device Aliases
- Configure Zoning
- Configure VSANs in Cisco UCS Manager

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- Configure Unified Ports on Cisco UCS Fabric Interconnects
 - Install and Boot VMware Elastic Sky X Integrated (ESXi) on Cisco UCS from the FCoE Logical Unit Number (LUN) via FCoE
 - Configure RBAC
 - Configure Cisco UCS Manager to Authenticate Users via Open Lightweight Directory Access Protocol (OpenLDAP)
 - Configure a Trusted Point and Key Ring in Cisco UCS Manager
 - Configure Cisco UCS Manager Using Scripting
 - Implement Syslog and Call Home

Links

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