

## Introducing Cisco Unified Computing System (DCIUCS)

 Live Online oder Präsenz

Dauer : 2 Tage (12 Stunden)

Nr. : 59638

Preis : 1.590,00 € netto

1.892,10 € inkl. 19 % MwSt.

Inhouse-Paket : Auf Anfrage

### Objective

This course 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

After taking this course, you should be able to:

- 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

### Summary

The Introducing Cisco Unified Computing System (DCIUCS) v1.0 is an introductory course that shows you how to deploy, secure, operate, and maintain the Cisco Unified Computing system (Cisco 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.

### Wer sollte teilnehmen:

#### Zielgruppe

- Server administrators
- Network engineers
- Systems engineers
- Consulting systems engineers
- Technical solutions architects
- Network administrators

- Storage administrators
- Network managers
- Sales engineers
- Cisco integrators and partners

## Voraussetzungen

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

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

These Cisco courses are recommended to help you meet these prerequisites:

- [Implementing and Administering Cisco Solutions \(CCNA\)](#)
- [Understanding Cisco Data Center Foundations \(DCFNDU\)](#)
- [Implementing and Operating Cisco Data Center Core Technologies \(DCCOR\)](#)
- [Introducing Cisco Data Center Networking \(DCICN\)](#)
- [Introducing Cisco Data Center Technologies \(DCICT\)](#)
- Interconnecting Cisco Networking Devices: Accelerated (CCNAX) or Interconnecting Cisco Networking Devices Part 1 (ICND1) and Interconnecting Cisco Networking Devices Part 2 (ICND2)

## Trainingsprogramm

### Outline

Describing Cisco UCS Server Hardware

- Cisco UCS B-Series Blade Servers
- Cisco UCS C-Series Rack Servers
- Cisco UCS S-Series Rack Servers
- Cisco Virtual Interface Cards
- Hyperconvergence Overview
- Cisco HyperFlex HX-Series Servers

Describing Cisco UCS Connectivity

- Cisco UCS Fabric Interconnect
- Cisco UCS B-Series Connectivity
- Cisco UCS C-Series Connectivity
- Cisco UCS S-Series Connectivity
- Cisco HyperFlex Connectivity Architecture
- Cisco HyperFlex Edge Connectivity

- Cisco UCS Fabric Interconnect Ethernet End-Host Mode Compared to Switching Mode

- Cisco UCS Fabric Interconnect Uplink Pinning

- Cisco UCS C-Series Integration

Describing the Cisco HyperFlex HX Data Platform

- Cisco HyperFlex HX Data Platform Software

- Writing Data to Cisco HyperFlex HX Data Platform

- Reading Data from Cisco HyperFlex HX Data Platform

- Data Optimization in Cisco HyperFlex HX Data Platform

Configuring Cisco UCS Service Profiles

- Portability Issue with Nonabstracted Identities

- Cisco UCS Service Profile

- Identity Pools

- Server Pools

- IP Pools

Configuring Cisco UCS Service Profile Templates

- Service Profile Templates

Implementing iSCSI on Cisco UCS

- iSCSI Addressing

- iSCSI Support in Cisco UCS

Implementing Cisco UCS Firmware Updates

- Update Cisco UCS C-Series Server Firmware

- Download Tasks for the Infrastructure Image

- Download Tasks for Cisco UCS B-Series Firmware Packages

- Best Practices for Updating Firmware in Cisco UCS Manager

- Firmware Upgrades Using Auto Install

- Capability Catalog Updates

- Host Firmware Packages

- Driver Updates for Operating Systems and Hypervisors

Implementing Cisco UCS Backups

- Compare Backup Options in Cisco UCS Manager

- Compare Two Import Types

- Policy Backup

## Schulungsmethode

presentation, discussion, hands-on exercises, demonstrations on the system.

## Termine und Orte

### Münster

21. Jun bis 22. Jun

### Berlin

19. Jul bis 20. Jul

22. Nov bis 23. Nov

### Garching b. München

09. Aug bis 10. Aug

### Düsseldorf

06. Sep bis 07. Sep

### Hamburg

27. Sep bis 28. Sep

### Eschborn

25. Okt bis 26. Okt

Online Anmeldung:

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