301-258-8200 | Sales@PhoenixTS.com | www.PhoenixTS.com

View Full Course Details including Latest Schedule Online

CISCO

DCUCS v3.0 Certification Training

BONUS! Cyber Phoenix Subscription Included: All Phoenix TS students receive complimentary ninety (90) day access to the Cyber Phoenix learning platform, which hosts hundreds of expert asynchronous training courses in Cybersecurity, IT, Soft Skills, and Management and more!

Course Overview

This course will be going end of life on 2/23/2020 please see DCIUCS and DCCUCS as the replacement courses. Our 5 day, instructor-led DCUS (Configuring Data Center Unified Computing v.3.0 training and certification boot camp in Washington, DC Metro, Tysons Corner, VA, Columbia, MD or Live Online is designed to familiarize data center engineers, architects and Cisco partners with the Cisco UCS B-series and C-series products. This course prepares individuals for implementing and maintaining Cisco UCS hardware with a strong emphasis on best practices. The Configuring Data Center Unified Computing course also addresses relevant additional features added by Version 2.1 Cisco UCS Software Release. Overall this course is primarily aimed at customer network engineers and administrators. Upon completing this course, the learner will be able to meet these overall objectives:

- Describe the Cisco UCS architecture
- Describe Cisco UCS LAN connectivity configuration
- Describe Cisco UCS B-Series SAN connectivity configuration
- Describe how to configure and manage the servers within Cisco UCS
- Describe how to configure Cisco UCS virtualization
- Describe how to configure Cisco UCS administration
- Describe Cisco UCS C-Series features

Schedule

Currently, there are no public classes scheduled. Please contact a Phoenix TS Training Consultant to discuss hosting a private class at 301-258-8200.

Program Level

Advanced

Training Delivery Methods

Group Live

Duration

5 Days / 32 hours Training

CPE credits

26 NASBA CPE Credits

Field of Study

Information Technology

Advanced Prep

N/A

Course Registration

Candidates can choose to register for the course by via any of the below methods:

- Email: Sales@phoenixts.com
- Phone: 301-582-8200
- Website: www.phoenixts.com

Upon registration completion candidates are sent an automated course registration email that includes attachments with specific information on the class and location as well as pre-course study and test preparation material approved by the course vendor. The text of the email contains a registration confirmation as well as the location, date, time and contact person of the class. Online enrolment closes three days before course start date. On the first day of class, candidates are provided with instructions to register with the exam provider before the exam date.

Complaint Resolution Policy

To view our complete Complaint Resolution Policy policy please click here: Complaint Resolution Policy

Refunds and Cancellations

To view our complete Refund and Cancellation policy please click here: Refund and Cancellation Policy

Course Outline

Course Introduction

Module 1: Cisco UCS Architecture

- Lesson 1: Describing Cisco UCS B-Series Blade Server Hardware Components
- Lesson 2: Describing Cisco UCS User Interfaces
- Lesson 3: Configuring Cisco UCS B-Series Physical Connectivity and High Availability
- Lesson 4: Using RBAC and Organizations
- Lesson 5: Module Summary
- Lesson 6: Module Self-Check

Module 2: Cisco UCS LAN Connectivity

- Lesson 1: Configuring Compute Node LAN Connectivity
- Lesson 2: Configuring LAN Identity and Resource Pools
- Lesson 3: Configuring Compute Node LAN Policies
- Lesson 4: Module Summary
- Lesson 5: Module Self-Check

Module 3: Cisco UCS SAN Connectivity

- Lesson 1: Configuring Compute Node SAN Connectivity
- Lesson 2: Configuring Advanced Compute Node SAN Connectivity
- Lesson 3: Configuring SAN Identity and Resource Pools
- Lesson 4: Module Summary
- Lesson 5: Module Self-Check

Module 4: Configuring Cisco UCS B-Series Servers

- Lesson 1: Configuring Server Identity and Resource Pools
- Lesson 2: Configuring Server Policies
- Lesson 3: Configuring Templates and Service Profiles
- Lesson 4: Managing Service Profiles
- Lesson 5: Configuring Logical Service Profiles that Boot from iSCSI
- Lesson 6: Module Summary
- Lesson 7: Module Self-Check

Module 5: Configuring Cisco UCS Virtualization

- Lesson 1: Configuring Cisco UCS VM-FEX
- Lesson 2: Configuring Cisco UCS SR-IOV
- Lesson 3: Configuring Cisco UCS VM-FEX Integration for Microsoft Windows Server 2012 Hyper-V
- Lesson 4: Configuring the Cisco UCS VM-FEX for KVM SR-IOV
- Lesson 5: Module Summary
- Lesson 6: Module Self-Check

Module 6: Cisco UCS Administration

- Lesson 1: Backing Up and Restoring the Cisco UCS Manager Database
- Lesson 2: Managing and Upgrading Cisco UCS B-Series Firmware
- Lesson 3: Using Cisco UCS Management Tools
- Lesson 4: Module Summary
- Lesson 5: Module Self-Check

Module 7: Cisco UCS C-Series Features

- Lesson 1: Describing Cisco UCS C-Series Servers
- Lesson 2: Describing Cisco USC C-Series Server Connectivity Options
- Lesson 3: Using Cisco UCS C-Series IMC Discovery
- Lesson 4: Upgrading Cisco UCS C-Series Firmware
- Lesson 5: Module Summary
- Lesson 6: Module Self-Check

Lab Outline

- Lab 1-1: Initial Cisco UCS Configuration
- Lab 1-2: Explore the Cisco UCS Manager GUI
- Lab 1-3: Configure RBAC
- Lab 2-1: Configure System Related Policies and Uplink Port Properties
- Lab 2-2: Configure LAN Related Pools and Policies
- Lab 3-1: Configure SAN Connectivity
- Lab 3-2: Configure SAN Identity Pools and Templates
- Lab 4-1: Configure Server-Related Features and Renaming a Service Profile
- Lab 4-2: Configure a Service Profile that Boots from iSCSI LUN
- Lab 5-1: Configure VM-FEX Passthrough Switching
- Lab 6-1: Back Up and Import the System Configuration
- Lab 7-1: Configure Server Settings with the Integrated Management Controller GUI

Prerequisites

The knowledge and skills that a learner must have before attending this course are as follows:

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

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Starting at **$4,195**

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GSA

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