Managing UCS Domains at Scale with Cisco UCS Central (DCUCCEN) v1.0 - On Demand

Modality: On Demand

Duration: 40 Hours

CLC: 1 Unit

Course Information

About this course:

This course will enable you to deploy Cisco UCS Central. You will be able to manage medium to large scale deployments of Cisco UCS. With the help of in-depth understanding of the Cisco UCS Central, you will be able to deploy and manage multiple Cisco domains of UCS B-Series Blade Servers, C-Series Rack Servers, Mini, and M-Series composable infrastructure.

The course will build understanding to realize how dramatically it will simplify routine tasks, enhance consistency, simplify operations, automate and reduces risk for environments with multiple UCS domains. Among specific goals is the management of inventory and resources and how Cisco UCS service profiles implement automated, role- and policy-based management on a global scale.

Learning this course involves self-paced courses presented in easily consumable segments via both Instructor Video and text. Hands-on labs, content review questions, and section challenges will ensure maximum interactivity and learning by implementation to make it a high-impact learning experience.

Course Objective:

Students will be equipped with following skills once the course is completed:

- Deploy Cisco UCS Central for high availability
- Register domains and set up domain groups
- Perform ongoing operations configuration tasks including role and locale; backup and export; monitoring and centralized inventory
- Administer global service profiles, pools and policies; networking templates and connectivity policies; VLAN aliasing
- Transition to UCS Central: perform the steps and describe best practices
- Describe Cisco UCS hardware components and Cisco UCS Manager policy-based management via service profiles and server pools
- Describe Cisco UCS Central conceptual framework, benefits of multiple domain management, common use cases and integration of Cisco UCS Central with Cisco UCS Director

Audience:

- Data Engineer

Prerequisite:

You must have the following knowledge and skills before attending this course:

- Experience managing Cisco UCS Domains with Cisco UCS Manager

Course Outline:

Module 1. Managing Cisco UCS Systems

Cisco UCS Hardware Components
Management with UCS Manager

Module 2. Managing with Cisco UCS Central

Management of Multiple Cisco UCS Domains
Integrating Cisco UCS Central and Cisco UCS Director

Module 3. Deploying UCS Central

Installation of Cisco UCS Central
Deploying Cisco UCS Central for High Availability
Licensing Cisco UCS Central
Configure Cisco UCS Central for Initial Use

Module 4. Registering Domains in Cisco UCS Central

Domain Registration
Domain Groups

Module 5. Operating Cisco UCS Central

Configure Role and Locale
Configure Backup and Export

Module 6. Monitoring with Cisco UCS Central

Information Dashboard
Centralized Inventory
Fault Summary

Module 7. Administering Global Profiles, Pools, and Policies

Global Service Profiles
Global Pool ID management
Global Policies
Networking Templates and Connectivity Policies
VLAN Aliasing

Module 8. Transitioning to Cisco UCS Central

Transition Options
Transition Best Practices

https://www.quickstart.com/   *Contact Us: (866) 991-3924*