

## Cisco Data Center Unified Computing Implementation (Dcuci) V3

This 5-day hands-on course focuses on Cisco Unified Computing System (UCS) deployment and operations. You will learn how to configure and manage UCS servers with consolidated I/O networking for LAN and SAN connectivity, and how to virtualize server properties to enable simple and rapid mobility of server OS images between physical servers. In the lab, you will practice implementing a multi-tenant management model, configuring fault tolerance, backing up and restoring system configurations, and using the built-in monitoring and troubleshooting tools. You will also install and configure the Cisco Nexus 1000V Virtual Switch on the UCS infrastructure.

**Learning objectives.** After you complete this course, you will be able to:

- \* Explain how UCS addresses key problems in Data Center server environments
- \* Describe the UCS system architecture
- \* Identify UCS hardware components and options
- \* Perform the key operational tasks required to deploy a Cisco Unified Computing System
- \* Configure physical and logical Unified Fabric connectivity
- \* Define and implement the Basic Opt-In and Logical Server management models
- \* Configure system-level fault tolerance
- \* Implement a multi-tenant management model using Role-Based Access Control
- \* Perform system upgrades
- \* Back up and restore system configurations
- \* Monitor system events and use the built-in troubleshooting tools

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