

UCS Implementation and Troubleshooting Bootcamp v5.0

UCSITBC



Delivery Type: Classroom

Duration: 5 days

Overview

In this course, you will learn to install, configure, and maintain Unified Computing System (UCS) B-Series and C-Series servers with a strong emphasis on Cisco UCS B-Series Blade Servers. You will focus on the management, maintenance, and troubleshooting of UCS B-Series and C-Series servers. You will cover virtualization solutions and how to execute a virtualization solution on UCS B-series and C-series hardware.

New features of the UCS v2.0 code will be addressed with additional information provided on the new hardware additions to the UCS portfolio, including the 6248 series Fabric Interconnects, 2208 I/O modules (IOMs), and 1280 virtual interface cards (VICs).

Target Audience

This course is recommended for any engineer involved in the implementation and troubleshooting of Cisco Unified Computing System solution.

Pre-Requisites

- ✓ CCNA DC (DCICN and DCICT) or equivalent knowledge.

- ✓ CCNA (ICND1 and ICND2) this will be superceeded by CCNA DC
- ✓ Prior Attendance of DCUFI recommended
- ✓ Familiarity with hypervisor technologies (VMware vSphere, Microsoft Hyper-V, Citrix Xen) - VSICM recommended

Objectives

After completing this course, you should be able to:

- ✓ Describe the Cisco Unified Computing System (UCS) Architecture.
- ✓ Describe the Cisco UCS connectivity configuration and management.
- ✓ Describe how to configure and manage Cisco UCS virtual resources.
- ✓ Configure, Maintain, and Operate Cisco UCS C-Series Rack-Mount Servers leveraging the Cisco IMC, Host Update Utility, and the P81E Virtual Interface Card.
- ✓ Explain the troubleshooting processes on the standalone Cisco UCS C-Series deployments
- ✓ Understand the Cisco UCS C-Series integrated architecture and the process of determining issues related to integration of Cisco UCS C-Series server with Cisco UCS Manager.

Follow on Courses

Delegates looking to achieve their CCNP for DC will require:

- ✓ Delegates looking to achieve their CCNP in Data Center will also need to attend the courses that cover the Cisco Nexus Products.
- ✓ DCUFI - Implementing Cisco Data Center Unified Fabric
- ✓ DCUFT - Troubleshooting Cisco Data Center Unified Fabric

Certification

Recommended preparation for exam(s)

- ✓ 642-999 - DCUCI
- ✓ 642-035 - DCUCT

These exams are required by delegates looking to achieve a CCNP in Data Center.