

CCIE Data Center Bootcamp (CCIEDC)

Duration 5 Days

COURSE CONTENT

This CCIE Data Center Lab bootcamp is designed to prepare candidates to pass Cisco's top-level CCIE Data Center Lab Exam. You will spend 5 days immersed in the kinds of hands-on challenges you can expect to see from Cisco, guided by our expert instructors. This bootcamp builds upon the foundational knowledge gained in CCNP-level Cisco Data Center training as well as the CCIE Data Center Written Bootcamp (CCIEDCW). This practical experience in designing, implementing and troubleshooting highly complex data center scenarios will put you in the best possible position to earn this elite certification.

Your hands-on experience is supported with the following materials:

- **Challenge Labs Workbook** - lab exercise descriptions and tasks
- **Challenge Labs Workbook Solution Walkthrough** - explanation of lab exercise solutions and solution walkthroughs
- **Lab Study Aids Package** - additional relevant documentation and preconfigured Cisco UCS Platform Emulator (UCSPE)
- **Post-bootcamp Self-study Labs** - UCSPE lab exercises and solutions for self-study

COURSE OBJECTIVES

The goal of the course is prepare you to pass the Cisco CCIE Data Center Lab Exam through intensive instructor-guided "Challenge" lab exercises. You will become comfortable in the following subject areas as covered in the Cisco CCIE Data Center Lab Exam:

- Cisco Data Center Network Infrastructure
- Cisco Data Center Storage Infrastructure
- Cisco Data Center Unified Computing Infrastructure
- Cisco Data Center Virtualization Infrastructure

WHO SHOULD ATTEND

The primary audience for this bootcamp is Data Center professionals who are pursuing the Cisco CCIE Data Center certification and preparing for the Cisco CCIE Data Center Lab Exam.

The secondary audience for this bootcamp is:

- Data center administrators and engineers
- Data center designers
- Network administrators and engineers
- Consulting systems engineers

PREREQUISITES

The knowledge that you should have before attending this course should include the following:

- Cisco Certified Network Associate Data Center (CCNA Data Center) level knowledge, which can be attained through these courses:
 - Introducing Cisco Data Center Networking (DCICN)
 - Introducing Cisco Data Center Technologies (DCICT)
- Cisco Certified Network Professional Data Center (CCNP Data Center) level knowledge, which can be attained through these courses:
 - Implementing Cisco Data Center Unified Fabric (DCUFI)
 - Implementing Cisco Data Center Unified Computing (DCUCI)
 - Designing Cisco Data Center Unified Fabric (DCUFD)
 - Designing Cisco Data Center Unified Computing (DCUCD)
 - Troubleshooting Cisco Data Center Unified Fabric (DCUFT)
 - Troubleshooting Cisco Data Center Unified Computing (DCUCT)
- Additional Cisco Data Center product knowledge, which can be attained through these courses:
 - Configuring the Cisco Nexus 1000V (DCNX1K)
 - Configuring Cisco Nexus 5000 Switches (DCNX5K)
 - Configuring Cisco Nexus 7000 Switches (DCNX7K)
 - Implementing Cisco MDS (DCMDS)

It is also recommended that you first attend the CCIE Data Center Written Bootcamp (CCIEDCW) and pass the CCIE Data Center Written Exam.

COURSE OUTLINE**Cisco Data Center Network Infrastructure**

- Implement Nexus 7000 and 5000 configuration
- Implement Nexus 7000, 5000 and 2000 FEX configuration
- Implement Nexus 7000 configuration

Cisco Data Center Storage Infrastructure

- Implement Nexus 7000, 5000, and MDS configuration
- Implement Nexus 7000, 5000, and MDS configuration

Cisco Data Center Unified Computing Infrastructure

- Implement Cisco UCS C-series configuration
- Implement Cisco UCS B-series configuration

Cisco Data Center Virtualization Infrastructure

- Implement Nexus 1000V configuration

Superlab

- Implement Nexus 7000, 5000, 2000 FEX, MDS, UCS and Nexus 1000V configuration