

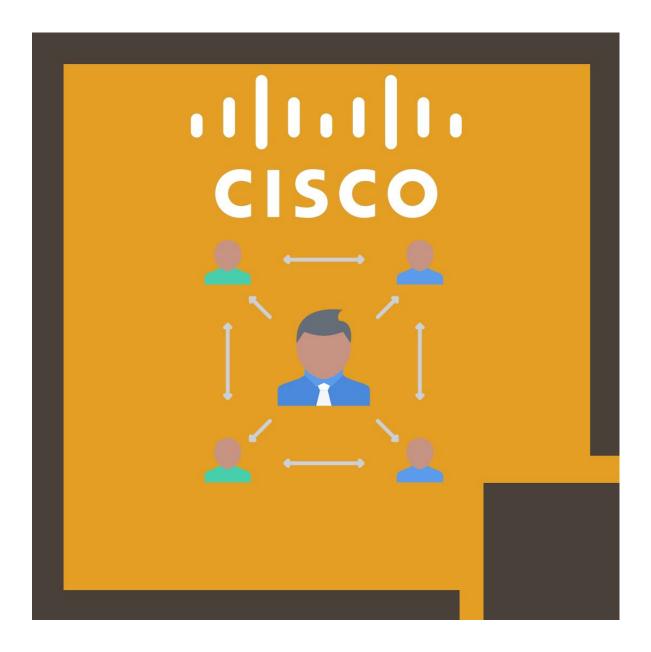
Document Generated: 12/18/2025 Learning Style: Virtual Classroom

**Technology: Cisco** 

**Difficulty: Intermediate** 

**Course Duration: 14 Days** 

Data Center v6.0: Cisco Certified Network Professional (CCNP) Data Center Boot Camp v6.0 (CS-CCNP-DC v6.0)



## About the course:

Get significant hands-on preparation in our exclusive Cisco training labs. Get your certification in less time. A comprehensive package of training.

This boot camp incorporates vouchers for the exam and sets you up for the below exams:

- 300-170 DCVAI
- 300-165 DCII
- 300-175 DCUCI
- 300-160 DCID

## **Salary Estimate:**

The normal payout for the Technician of Cisco Systems Data Center is \$77,670 annually.

### This boot camp comprises the following courses:

- 1. Designing the Infrastructure of Cisco Data Center (CS-DCID v6.0)
- 2. Cisco Data Center Infrastructure Implementation (DCII) v6.0
- 3. Cisco Data Center unified computing Implementation v6.0
- Cisco Data Center Automation and Virtualization Implementation v6.0 (CS-DCVAI v6.0)

## **Course Objectives:**

- 1. Assess the solution design of the data center and design process with respect to the contemporary data center solution architecture, data center challenges, and components
- 2. Assess the performance and requirements characteristics of the data center computing solutions
- 3. Utilize design steps to scope the Cisco UCS solution for the requirements of a given data center
- 4. Design and Evaluate the Cisco UCS solution SAN, LAN, and virtual access layer connectivity
- 5. Design and Recognize the Cisco UCS solution server deployment
- 6. Recognize Cisco UCS solution for Hadoop distributed computing application and Unified Communications with their Cisco UCS options and specifics that fit the application requirements

# **Targeted Audience:**

Data center administrators, Data center designers, and system engineers

For this course, the secondary Targeted Audience is as follows:

Data center managers and engineers

## **Prerequisites:**

Information on the below:

- CCDA
- CCNA

#### **Course Outline:**

DCUCI v6.0 - Implementing Cisco Data Center Unified Computing v6.0

- Module 1: Cisco Unified Computing System Implementation
- Module 2: SAN Storage Implementation for Cisco Unified Computing System
- Module 3: Security Implementation for Cisco Unified Computing System
- Module 4: Operations and Maintenance for Cisco Unified Computing System
- Module 5: Cisco Unified Computing System Automation

DCII v6.0 - Implementing Cisco Data Center Infrastructure (DCII) v6.0

- Module 1: Data Center Protocols
- Module 2: Layer 3 Switching Features in the Data Center
- Module 3: Data Center Infrastructure Security
- Module 4: Data Center Infrastructure Storage Fabric
- Module 5: FCoE Unified Fabric
- Module 6: Data Center Infrastructure Storage Services

# DCVAI v6.0 - Implementing Cisco Data Center Virtualization and Automation v6.0

- Module 1: Infrastructure Virtualization Implementation
- Module 2: NX-OS Configuration Automation
- Module 3: Application-Centric Infrastructure
- Module 4: ACI Constructs
- Module 5: Application-Centric Infrastructure Monitoring and Programmability
- Module 6: Cisco ACI Enhanced Features

• Module 7: Application-Centric Infrastructure Networking

## DCID v6.0 - Designing Cisco Data Center Infrastructure

- Module 1: Data Center Network Connectivity Design
- Module 2: Data Center Infrastructure Design
- Module 3: Data Center Storage Network Design
- Module 4: Data Center Compute Connectivity Design
- Module 5: Data Center Compute Resource Parameters Design