Over 35 Years Of Technology Training

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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)

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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
4. 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**

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