

Certified Data Center Migration Professional (CDCMP)

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Certified Data Center Migration Professional (CDCMP) - Certification Overview

The Certified Data Center Migration Professional (CDCMP) certification is designed to provide comprehensive knowledge and practical expertise in planning, managing, and executing data center migration projects. This certification covers the complete migration lifecycle, including assessment, strategy development, risk management, infrastructure readiness, application and data migration, testing, and post-migration stabilization. It emphasizes industry best practices, governance, security, and business continuity to ensure minimal downtime and operational risk during migration initiatives.

CDCMP equips professionals with the skills required to handle complex migration scenarios such as on-premises to cloud, data center consolidation, colocation moves, and hybrid environments. The certification focuses on real-world challenges including dependency mapping, change management, vendor coordination, compliance requirements, and disaster recovery planning. By gaining CDCMP credentials, professionals demonstrate their ability to lead migration projects efficiently while aligning technical execution with business objectives.

Target Audience

The CDCMP certification is ideal for data center managers, IT infrastructure managers, cloud and migration consultants, system administrators, network engineers, project managers, and IT service delivery professionals involved in data center transformation initiatives. It is also suitable for professionals responsible for planning or overseeing data center relocations, modernization projects, or cloud migration programs. Organizations seeking to strengthen their migration capabilities will benefit from certifying team members with CDCMP to ensure successful, secure, and cost-effective data center migrations

What Modules are covered?

Module 1 - Data Center Migration Fundamentals

- Overview of Data Centers and Migration Types
- Drivers for Data Center Migration
- Migration Models (On-premises, Cloud, Hybrid, Colocation)
- Key Stakeholders and Roles
- Migration Challenges and Success Factors

Module 2 - Migration Assessment and Planning

- Current State Assessment (Infrastructure, Applications, Data)
- Application Dependency Mapping
- Migration Readiness and Feasibility Analysis
- Migration Strategy and Roadmap Development
- Cost Estimation and Budget Planning

Module 3 - Risk, Security, and Compliance Management

- Risk Identification and Impact Analysis
- Business Continuity and Disaster Recovery Planning
- Data Security and Privacy Considerations
- Regulatory and Compliance Requirements
- Change Management and Governance

Module 4 - Migration Design and Architecture

- Target Data Center and Cloud Architecture Design
- Network and Storage Design Considerations
- Virtualization and Container Migration
- Tool Selection and Vendor Management
- Migration Wave Planning

Module 5 - Migration Execution and Testing

- Migration Execution Methodologies
- Application, Server, and Database Migration
- Data Validation and Integrity Checks
- Testing Strategies (Functional, Performance, UAT)
- Cutover Planning and Downtime Management

Module 6 - Post-Migration Operations and Optimization

- Post-Migration Validation and Stabilization
- Performance Optimization and Monitoring
- Incident and Problem Management
- Documentation and Knowledge Transfer
- Decommissioning Legacy Infrastructure