



DELL TRAINING

Dell Emc Dd6300

Learn to configure and manage Dell EMC DD6300 for robust data protection and recovery solutions.

DURATION

Flexible

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

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COURSE OVERVIEW

This intermediate-level Dell EMC DD6300 course provides comprehensive training on deploying, configuring, and managing Dell EMC Data Domain systems, specifically focusing on the DD6300 model. Participants will gain in-depth knowledge of Data Domain architecture, including its industry-leading deduplication capabilities, and learn how to optimize backup, archiving, and disaster recovery processes. The curriculum dives into the core technologies like Data Domain OS, DD Boost for enhanced application integration, and various replication strategies, enabling professionals to build robust and efficient data protection solutions.

Upon completion, IT professionals will be equipped with the practical skills necessary to effectively administer a Dell EMC DD6300 environment. This includes performing day-to-day operations, troubleshooting common issues, ensuring data integrity, and leveraging advanced features for storage efficiency and secure data retention. Mastering the DD6300 significantly enhances an organization's ability to reduce backup windows, minimize storage footprint, and accelerate data recovery, making graduates invaluable assets in any modern data center or cloud-integrated environment.

Level	Intermediate
Vendor	Dell

COURSE CURRICULUM

01 Module 1: Introduction to Dell EMC Data Domain and DD6300 Overview

- Data Protection Challenges and Solutions Overview
- Dell EMC Data Domain Portfolio and Core Concepts
- DD6300 Hardware Architecture and Components
- Initial Setup, Cabling, and Network Configuration
- Safety Guidelines and Environmental Best Practices

02 Module 2: Data Domain Operating System and Basic Administration

- Data Domain Operating System (DD OS) Fundamentals
- Accessing and Navigating the DD OS CLI and GUI
- User Management, Authentication, and Access Control
- System Monitoring, Alerting, and Event Management
- File System Concepts, Storage Units, and Configuration

03 Module 3: Data Deduplication and Storage Efficiency

- Understanding Data Domain Deduplication Technology
- Inline Deduplication and Compression Mechanisms
- Capacity Planning, Reporting, and Trend Analysis
- Data Retention Policies and Governance Features
- Performance Optimization Techniques for Data Ingestion

04 Module 4: DD Boost and Application Integration

- Introduction to DD Boost Architecture and Benefits
- Integrating DD Boost with Backup Applications (e.g., NetWorker, Avamar, Veeam)
- Client-Side Deduplication and Distributed Segment Processing
- Optimizing Backup Streams and Performance with DD Boost
- Troubleshooting DD Boost Configurations and Operations

05 Module 5: Replication and Disaster Recovery

- Data Domain Replication Overview (MTree, Collection, Managed Replication)

- Configuring and Managing Replication Policies and Schedules
- Network Considerations and Bandwidth Optimization for Replication
- Disaster Recovery Planning and RTO/RPO Objectives with Data Domain
- Performing Recovery Operations and Failover/Failback Procedures

06 Module 6: Monitoring, Maintenance, and Troubleshooting

- Proactive Monitoring Tools and Best Practices
- Log Analysis and Diagnostic Utilities (e.g., autosupport, support bundles)
- Hardware and Software Troubleshooting Methodologies
- Performing Software Upgrades, Patches, and Firmware Updates
- Reporting and Performance Analytics for Capacity and Throughput

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Storage Administrator (Dell EMC Data Domain Specialist)**
- > **Backup and Recovery Engineer**
- > **Data Center Operations Lead (Data Protection Focus)**

FREQUENTLY ASKED QUESTIONS

Q: What specific data protection challenges does the Dell EMC DD6300 address, and how will this course equip me to solve them in a real-world IT environment?

This course focuses on leveraging the DD6300 to overcome common data protection hurdles such as lengthy backup windows, excessive storage consumption, and complex recovery processes. You will learn to implement advanced deduplication and compression for storage efficiency, utilize DD Boost for faster backups and application-aware integration, and configure robust replication strategies for rapid disaster recovery, making you proficient in building resilient data protection infrastructures.

Q: Are there any specific prerequisites or prior knowledge recommended before enrolling in the Dell EMC DD6300 administration course?

While this is an intermediate-level course, a foundational understanding of general storage concepts, network fundamentals (TCP/IP), and experience with backup and recovery processes is highly recommended. Familiarity with Linux command-line interface and general data center operations will also be beneficial, though not strictly required, to maximize your learning experience.

Q: Beyond basic administration, how does mastering the Dell EMC DD6300 improve an organization's overall disaster recovery strategy and my professional role within it?

Mastering the DD6300 transcends basic administration, enabling you to design and implement sophisticated disaster recovery plans. The course covers advanced replication techniques and recovery scenarios, preparing you to ensure business continuity. Professionally, this expertise positions you as a critical asset in developing fault-tolerant systems, minimizing downtime, and securing an organization's most valuable asset—its data—thereby elevating your role in critical infrastructure management and operational resilience.

ABOUT COMPUTER PRIDE



East Africa's Premier IT Training Center

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors have empowered thousands of professionals across East Africa.

15+

Years of Excellence

10,000+

Professionals Trained

50+

Vendor Certifications

READY TO ENROL?

Take the next step in your technology career.

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