



DELL TRAINING

Emc Data Domain System Administration Training Course

Master Dell EMC Data Domain system administration. Learn to configure, manage, and troubleshoot for efficient data protection.

DURATION

Flexible

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

Computer Pride | 1st Floor, ICEA Building, Kenyatta Avenue, Nairobi | www.computer-pride.co.ke

COURSE OVERVIEW

This Dell EMC Data Domain System Administration Training Course is meticulously designed for IT professionals seeking to master the robust and efficient data protection capabilities of Dell EMC Data Domain systems. You will delve deep into the architecture, deployment, and day-to-day management of these industry-leading deduplication storage systems, which are crucial for optimizing backup, archiving, and disaster recovery processes. The course provides a comprehensive understanding of Data Domain operating principles, including advanced inline data deduplication and compression technologies, ensuring maximum storage efficiency and reduced operational costs.

Level	Intermediate
Vendor	Dell

COURSE CURRICULUM

01 Module 1: Data Domain Fundamentals and Architecture

- Introduction to Dell EMC Data Domain systems
- Understanding Data Domain OS (DD OS) architecture
- Data Domain inline deduplication and compression technology
- Physical and logical components of Data Domain systems
- Sizing and capacity planning considerations

02 Module 2: Installation and Initial Configuration

- Unpacking and rack-mounting procedures
- Initial system power-up and network configuration
- Licensing and software updates
- Configuring network interfaces and protocols (NFS, CIFS, DD Boost)
- User and role management

03 Module 3: Data Protection and Management

- Configuring and managing MTree volumes
- Integrating with backup applications (e.g., NetBackup, Data Protector, Veeam)
- Understanding and configuring Data Domain Boost (DDBOOST)
- Performing backup and restore operations
- Monitoring system performance and capacity

04 Module 4: Replication and Disaster Recovery

- Data Domain replication types (MTree replication, Collection replication)
- Configuring and managing replication topologies
- Monitoring replication status and health
- Disaster recovery planning with Data Domain
- Troubleshooting replication issues

05 Module 5: System Maintenance and Troubleshooting

- Performing regular system health checks
- Managing alerts and notifications
- Log analysis and diagnostics
- Hardware component replacement (disk drives, power supplies)
- DD OS upgrades and patches

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Storage Administrator specializing in Data Protection**
- > **Backup and Recovery Engineer**
- > **Solutions Architect focusing on Enterprise Data Management**

FREQUENTLY ASKED QUESTIONS

Q: What foundational knowledge is recommended before enrolling in the EMC Data Domain System Administration course?

While there are no strict prerequisites, participants will benefit greatly from having a basic understanding of network protocols (TCP/IP), storage concepts (SAN/NAS), and general Linux command-line familiarity. Experience with any enterprise backup software will also be advantageous but is not mandatory.

Q: How will mastering Data Domain administration enhance my career in data protection or storage?

Completing this course will equip you with highly sought-after skills in managing leading-edge deduplication storage. This expertise directly translates into the ability to design, implement, and maintain efficient backup and disaster recovery solutions, making you an invaluable asset in roles like Storage Administrator, Backup Engineer, or Data Protection Specialist, where optimizing storage costs and ensuring data availability are critical.

Q: Does this course cover advanced topics like secure multi-tenancy or cloud tiering for Data Domain systems?

This course primarily focuses on core system administration, configuration, and operational best practices for on-premise Data Domain systems, including replication for disaster recovery. While it builds a strong foundation, advanced topics such as detailed Secure Multi-Tenancy (SMT) configurations or deep dives into Data Domain Cloud Tier integration are typically covered in more specialized Dell EMC courses.

ABOUT COMPUTER PRIDE



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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+

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10,000+

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Take the next step in your technology career.

Location

1st Flr, ICEA Building
Kenyatta Ave, Nairobi

Email

info@computer-pride.co.ke

Phone

+254 705 900 900

www.computer-pride.co.ke