

Dell PowerProtect Data Domain System Administration

Course Description

Course Number

MR-1LP-DDSADMIN

Course Duration

5 Days

Product Version

Dell PowerProtect
Data Domain
Operating System 8.3

Delivery Mode

Virtual Classroom

Overview

This course provides the knowledge and skills required to administer Dell PowerProtect Data Domain systems in an enterprise data protection environment. It focuses on configuring and managing core system components, including system access and security, network interfaces, and file system operations. The course covers the administration of data access and integration features such as CIFS, NFS, DD Boost, and Virtual Tape Library (VTL), along with data protection and recovery capabilities including replication, recovery, and Cloud Tier. Learners also gain experience monitoring system health, analyzing performance, and planning capacity using PowerProtect Data Domain management interfaces to support secure, efficient, and reliable Data Domain operations.

Audience

This course is intended for PowerProtect Data Domain administrators and support personnel who use and administer PowerProtect Data Domain systems.

Prerequisite Knowledge/Skills

Students should understand the following concepts and courses:

- Backup and recovery fundamentals
- Data protection fundamentals
- Dell PowerProtect Data Domain Concepts and Features

Course Objectives

Upon successful completion of this course, participants should be able to:

- Perform basic administration on PowerProtect Data Domain systems.
- Configure and manage PowerProtect Data Domain network interfaces.
- Manage the PowerProtect Data Domain file system.
- Implement and administer PowerProtect data Domain CIFS and NFS protocols.
- Manage replication and recovery on PowerProtect Data Domain systems.

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- Implement and administer DD Boost.
- Implement and administer a Power Protect Data Domain Virtual Tape Library.
- Implement and administer Dell Cloud Tier.
- Implement and administer PowerProtect Data Domain data security.
- Implement and administer PowerProtect Data Domain Secure Multitenancy.
- Plan, monitor, and optimize system performance and capacity for Dell PowerProtect Data Domain environments.
- Administer and monitor PowerProtect Data Domain systems using the Dell PowerProtect Data Domain Management Center interface.

Course Outline

The content of this course is designed to support the course objectives. Practical experience is included throughout the course.

- Dell PowerProtect Data Domain Basic Administration
- Dell PowerProtect Data Domain Network Interfaces Administration
- Dell PowerProtect Data Domain File System and Data Management
- Dell PowerProtect Data Domain CIFS and NFS Implementation and Administration
- Dell PowerProtect Data Domain Data Replication and Recovery
- DD Boost Implementation and Administration
- Dell Power Protect Data Domain Virtual Tape Library Implementation and Administration
- Dell Cloud Tier Implementation and Administration
- Dell PowerProtect Data Domain Data Security Implementation

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- Dell PowerProtect Data Domain Secure Multitenancy Implementation and Administration

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- System Performance and Capacity Planning
- Dell PowerProtect Data Domain Management Center Administration

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In addition to lectures and demonstrations, this course includes labs designed to allow practical experience for the participant.

Delivery Mode

Virtual Classroom

Proven Profession Certification Information

Industry-recognized certifications designed to validate skills across modern technology domains and roles. For more information visit - [Dell Certifications](#) | [Career-Boosting IT and Tech Certifications](#) | [Dell Learning](#)

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