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Netapp Administration

Command Line conquest in one-two day(s)

FA-0335

Automation, RPA & Power Platform

Introduction

This is an intensive one-day workshop focused on mastering the NetApp Command-Line Interface for effective administration of NetApp systems. As businesses increasingly rely on robust data management solutions, proficiency in NetApp administration becomes crucial.

This training is crafted to deepen your understanding and skills in using NetApp's CLI, ensuring you can manage and optimize storage solutions efficiently.

Learning outcomes

By the end of this session, participants will be able to:

- Navigate and utilize the NetApp CLI for daily administrative tasks.
- Understand and manage NetApp storage components through the command line.
- Perform data protection operations and manage storage efficiency.
- Troubleshoot common issues using CLI commands.

Prerequisites

Attendees should have:

- A basic understanding of storage concepts and technologies.
- Familiarity with command line interfaces, ideally in Unix or Linux environments.
- Experience in general system or network administration.

Training outline

1. Introduction to NetApp

1. Overview of NetApp technologies and storage solutions.
2. Key features and benefits of using NetApp for data management.

2. Getting Started with the CLI

1. Accessing the NetApp CLI.
2. Basic navigation and command syntax.
3. Understanding CLI help and documentation resources.

3. Storage Volume Management

1. Creating, configuring, and managing storage volumes.
2. Volume options and attributes.
3. Managing volume efficiency features like deduplication and compression.

4. Snapshot Management

1. Overview of NetApp Snapshot technology.
2. Creating, restoring, and managing Snapshots via the CLI.
3. Best practices for Snapshot management.

5. NAS Management

1. Configuring and managing NFS and CIFS/SMB services.
2. Setting up and managing exports and shares from the CLI.

6. SAN Management

1. Setting up iSCSI and Fibre Channel using CLI.
2. Managing LUNs and initiator groups.

7. Automation and Scripting

1. Introduction to automating repetitive tasks using scripts.

2. Basic scripts to streamline CLI tasks.

This detailed outline will guide you through a comprehensive learning journey focused on command-line administration of NetApp systems. By the end of the day, you'll have a strong command over the CLI tools and techniques necessary for effective and efficient storage management.

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