DELLTechnologies

PowerStore Implementation and Administration
Course Description

Course Duration
5 Days

Overview

This course provides instruction for the implementation and administration of PowerStore systems. It includes a PowerStore system portfolio and feature introduction along with practice opportunities to achieve a functional production storage state. Day-to-day PowerStore administrative tasks for block, file, and VMware storage resources and services are also provided as well as basic troubleshooting.

Audience

This course is intended for professionals who will be positioning, designing, deploying, managing and supporting a solution using PowerStore systems.

Prerequisite Knowledge/Skills

To understand the content and successfully complete this course, a student must have a suitable knowledge base/skillset. The student must have an understanding of:

- Hardware concepts and technologies used in customer environments, such as compute nodes, servers, network, and basic storage system infrastructures
- Software technologies used in customer environments such as end user applications, databases, operating systems, etc.
- Ethernet and TCP/IP networking (e.g. switch management, VLANs, IP addressing and routing)
- Basic Microsoft Windows user, file, and domain administration
- Basic Unix/Linux user and file management
- Fiber Channel Storage Area Networks (e.g. zoning, WWNs, LUNs, masking)
- Basic backup and recovery terms and techniques

Support Contact
Education Services

DELL Technologies
Hopkinton
Massachusetts
01748-9103
1-508-435-1000
In North America
1-866-464-7381

Course Objectives

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

- Configure PowerStore systems to a functional production storage state
- Administer PowerStore storage resources and services
- Perform basic PowerStore system troubleshooting tasks

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Course Outline

The content of this course is designed to support the course objectives.

- Implementation
    - Configure PowerStore ToR Ethernet switching
    - Run the PowerStore Initial Configuration Wizard (ICW)
    - License PowerStore systems
    - Configure PowerStore block, file and VMware storage resources
    - Configure host and client access to PowerStore storage resources
    - Configure PowerStore storage services
- Administration
    - Perform storage resource administrative tasks
    - Perform administrative tasks on PowerStore storage services
    - Perform PowerStore Manager user management
- Basic Troubleshooting
    - Perform basic hardware troubleshooting
    - Evaluate PowerStore system status
    - Gather system log files

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

Course Delivery Modes and Product Version Information

Refer to the **Product Version Description** document for a list of Delivery Modes and product versions covered by this course.

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