

# 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

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### 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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