

PowerStore Features and Implementation

Course Description

Course Number

ESSTGS08345

Course Duration

8 Hours

Product Version

PowerStore 3.0

Delivery Mode

Virtual Classroom

Overview

The course provides introductory technical knowledge of the PowerStore platform, its features, functions, and implementation process. It covers PowerStore concepts, networking, deployment options, and licensing, as well as the initial configuration wizard and switch configuration.

Audience

This course is intended for professionals positioning, designing, deploying, managing, and supporting solutions using PowerStore systems. It is also suitable for anyone seeking to learn the basics about the PowerStore platform.

Prerequisite Knowledge/Skills

To successfully complete this course, participants must have a suitable knowledge base and skill set, including:

- 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
- Ethernet and TCP/IP networking, such as switch management, IP addressing, and routing
- Basic Microsoft Windows user, file, and domain administration
- Basic Unix/Linux user and file management
- Fibre Channel Storage Area Networks, such as zoning, WWNs, LUNs, masking
- Basic backup and recovery terms and techniques

Course Objectives

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

- Design and implement PowerStore solutions
- Configure and manage PowerStore systems, including networking and licensing
- Deploy and support PowerStore installations
- Apply best practices for PowerStore Implementation and Management.

PowerStore Features and Implementation

Course Description

Course Number

ESSTGS08345

Course Duration

8 Hours

Product Version

PowerStore 3.0

Delivery Mode

Virtual Classroom

Course Outline

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

- PowerStore Introduction module
 - PowerStore Overview
 - Use Cases
 - PowerStore Deployment Modes and Architecture
 - PowerStore T Cluster
 - PowerStore X Cluster
 - Scalability
- PowerStore Hardware
 - Base Enclosure
 - Expansion Enclosure
 - Top of Rack Switches
- PowerStore Software
 - PowerStore Management Software
 - PowerStore Manager
 - PowerStore CLI
 - REST API
 - Licensing
- PowerStore T Implementation Process
 - Planning
 - Ethernet Switching and Cabling
 - System Discovery
 - Initialization
 - Storage Services
- PowerStore T Networking Concepts
 - PowerStore Networks
 - Management Networks
 - Initial Discovery Network (IDN)
 - File Mobility and File Import Networks
 - Cluster Network
 - Storage Network
 - Replication and Block Import Network
 - NAS Server Network
 - Service Network
 - PowerStore Connectivity Options
 - PowerStore Appliance Ports

DELL Technologies

1 Dell Way
Round Rock Texas 78682

PowerStore Features and Implementation

Course Description

Course Number

ESSTGS08345

Course Duration

8 Hours

Product Version

PowerStore 3.0

Delivery Mode

Virtual Classroom

- Configuring PowerStore T
 - Configure VLTi, LACP, VLANs, and uplinks for PowerStore T
 - Configure Data Switches
 - Configure ToR Data Switch
 - Spanning Tree Data Switch 1
 - Configure VLANs on ToR Data Switch 1
 - Configure VLT on ToR Data Switch 1
- PowerStore Licensing
 - Licensing Overview
 - License Flow without Internet Access
 - License Manual Installation Flow
 - Trial License Extension

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

Proven Professional 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](#).

Copyright © Dell Inc. or its subsidiaries. All Rights Reserved.

Dell and other trademarks are trademarks of Dell Inc. or its subsidiaries. Other trademarks may be trademarks of their respective owners.

DELL Technologies

1 Dell Way
Round Rock Texas 78682