DELLTechnologies

PowerStore Maintenance

Achievement Overview
This achievement benefits any professional installing and maintaining PowerStore storage arrays in open systems environments. The achievement focuses on installation, cabling, maintenance, upgrades and basic troubleshooting.

Achievement Requirements
To complete the requirements for this achievement you must:

1. Pass the following assessment on or after February 3, 2024:
   - D-PST-MN-A-24

Proven Professional Website

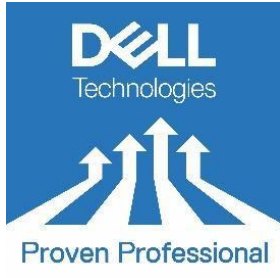Engage with your peers in our Proven Professional Community

Note: These details reflect achievement requirements as of February 3, 2024.

The Proven Professional Program periodically updates requirements. *Please check the Proven Professional CertTracker website regularly for the latest information.

Dell Inc.
Hopkinton
Massachusetts
01748-9103
1-508-435-1000
In North America
1-866-464-7381

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D-PST-MN-A-24 PowerStore Maintenance
Assessment Description

Proven Professional

Duration

90 Minutes
 (~60 Questions)

Pass Score: 63%

Dell Inc.
Hopkinton
Massachusetts
01748-9103
1-508-435-1000
In North America
1-866-464-7381

Overview

This assessment focuses on installing and maintaining PowerStore storage arrays in open systems environments. The assessment covers installation, cabling, maintenance, upgrades, and basic troubleshooting.

Dell Technologies provides free practice tests to assess your knowledge in preparation for the assessment. Practice tests allow you to become familiar with the topics and question types you will find on the proctored assessment. Your results on a practice test offer one indication of how prepared you are for the proctored assessment and can highlight topics on which you need to study and train further. A passing score on the practice test does not guarantee a passing score on the achievement assessment.

Products

Products likely to be referred to on this assessment include but are not limited to:

Dell EMC PowerStore 500T
Dell EMC PowerStore 1000T
Dell EMC PowerStore 1000X
Dell EMC PowerStore 3000T
Dell EMC PowerStore 3000X
Dell EMC PowerStore 5000T
Dell EMC PowerStore 5000X

Dell EMC PowerStore 7000T
Dell EMC PowerStore 7000X
Dell EMC PowerStore 9000T
Dell EMC PowerStore 9000X

Assessment Topics

Topics likely to be covered on this assessment include:

- **PowerStore Concepts and Features 6%**
    - o PowerStore system and use cases
    - o PowerStore system configuration and models
    - o PowerStore architecture and hardware components
    - o Accessing PowerStore reference documentation
- **PowerStore Installation 7%**
    - o PowerStore installation process
    - o PowerStore racking considerations
    - o Power and environmental requirements
    - o Unpacking and racking tasks
- **PowerStore Cabling 10%**
    - o Front-end cabling
    - o Back-end cabling
    - o Power cabling
- **PowerStore Implementation 20%**
    - o PowerStore networks
    - o Ethernet switching, network requirements, configuration options
    - o Ethernet switching configuration process

![Dell Technologies logo]

- o   Initial configuration steps
- o   PowerStore licensing
- **PowerStore Maintenance 15%**
    - o   Power control for maintenance procedures
    - o   ESD handling procedures
    - o   PowerStore CRUs and FRUs
    - o   Replacement procedures
- **Software Upgrades 12%**
    - o   Types of software upgrades
    - o   Performing software non-disruptive upgrade
    - o   NDU operational steps
    - o   Hardware upgrades
- **Troubleshooting 30%**
    - o   PowerStore hardware fault LEDs
    - o   Troubleshooting with LEDs
    - o   Troubleshooting with PowerStore Manager alerts
    - o   Troubleshooting with PSTCLI
    - o   Troubleshooting with the PowerStore node service port
    - o   Troubleshooting with PowerStore service scripts
    - o   Performing PowerStore data collection

The percentages after each topic above reflects the approximate distribution of the total question set across the assessment.

Recommended Training
The following curriculum is recommended for candidates preparing to take this assessment.

Dell Technologies Employees:
Please complete the following courses

Course Title	Course Number	Mode	Available
PowerStore Concepts and Features	ESSTGD03546	On Demand	10/21/2021
PowerStore Implementation	ESSTGD03544	On Demand	10/21/2021
PowerStore Installation	ESSTGD03548	On Demand	10/21/2021
PowerStore Installation: Cabling	ESSTGD03547	On Demand	10/21/2021
PowerStore Basic Troubleshooting	ESSTGD03551	On Demand	10/21/2021
PowerStore Maintenance	ESSTGD03549	On Demand	10/21/2021
PowerStore Upgrades	ESSTGD03550	On Demand	10/21/2021

Dell Technologies Partners:
Please complete the following course:

Course Title	Course Number	Mode	Available

Note: These assessment description details reflect contents as of **February 18, 2022.**

The Proven Professional Program periodically updates assessments to reflect technical currency and relevance. Please check the Proven Professional website regularly for the latest information.

Dell Technologies believes the information in this document is accurate as of its publication date. The information is subject to change without notice.