Dell PowerScale Maintenance Version 2
Certification Description

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Certification Overview
This certification validates the candidate's knowledge on the PowerScale product installation, cabling and maintenance including its components that make up this system.

Certification Requirements
To successfully complete this certification, a candidate must:

1. Have a sufficient knowledgebase/skill set through hands-on product experience and/or by consuming the Recommended Training.

2. Pass the [Dell PowerScale Maintenance Exam](#).

Note: These details reflect certification requirements as of June 21, 2024.

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

Dell Technologies Partners: Achieving a certification validates capability; however, it does not imply authorization to deliver services. Services Competencies provide partners with the ability to deliver services under their own brand or co-deliver with Dell Technologies. Tiered partners are eligible to obtain Services Competencies upon completing the specific requirements outlined in the [Services Competencies Matrix](#). Only partners that have met these requirements should be delivering their own services in lieu of Dell Technologies Services.

Dell PowerScale Maintenance Exam
Exam Description

Exam Overview

This exam is a qualifying exam for the **Dell PowerScale Maintenance Version 2 Certification**.

This exam focuses on the concepts, hardware, and procedures required to install, configure and maintain the hardware in a PowerScale system. Topics include installation and initial configuration procedures, FRUs, CRUs, and maintenance procedures, including upgrades, for all hardware lines of PowerScale.

Products

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

- All-Flash Nodes
- Hybrid Nodes
- Archive Nodes
- Accelerator Nodes
- Network Architecture
- FRU/CRU
- OneFS operating system upgrade path up to version 9.8

Exam Topics

Topics likely to be covered on this exam include:

PowerScale Hardware Concepts (25%)
- Differentiate between the architectural components and identify use cases of PowerScale platforms
- Compare design specifications of PowerScale hardware
- Set up PowerScale networking
- Describe the nature and use of software management tools

PowerScale Hardware Maintenance (25%)
- Perform preliminary tasks required for hardware maintenance
- Prepare a node for operation
- Process an incoming FRU request
- Process an incoming CRU request

PowerScale Hardware Installation (25%)
- Plan the installation
- Prepare the site for maintenance
- Describe requirements and steps for installing the rack and subcomponents
- Follow node cabling best practices

PowerScale Implementation (25%)
- Create a new cluster
- Differentiate procedures for joining nodes to a cluster
- Implement alternative accessories or configurations for PowerScale
- Differentiate between the upgrade activities

Part 1:
Duration
90 Minutes

Practice Test
D-PSC-MN-P-01

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Round Rock Texas 78682

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

Exam Preparation

Dell Technologies provides free practice tests to assess your knowledge in preparation for the exam. Practice tests allow you to become familiar with the topics and question types you will find on the proctored exam. Your results on a practice test offer one indication of how prepared you are for the proctored exam 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 certification exam.

Recommended Training

The following curriculum is recommended for candidates preparing to take this exam.

Please complete the following courses:

Course Title	Course Number	Modality	Available
PowerScale Hardware Concepts	MR-7WP-ISIHBG17	On Demand	5/30/2024
PowerScale Hardware Maintenance	MR-7WP-ISIHM17	On Demand	5/30/2024
PowerScale Hardware Installation	MR-7WP-ISIINST17	On Demand	5/30/2024
PowerScale Implementation	MR-7WP-ISIIC17	On Demand	5/30/2024
PowerScale Upgrades	ESSTGD06521	On Demand	5/23/2024

Additional Guides: These documents were used in creation of the exam. These guides are not included in the Learning Path or package. These guides can be found on: http://dell.com/support or the Dell Technologies Info Hub.

Name
OneFS 9.8.0.0 Web Administration Guide
PowerScale Supportability and Compatibility Guide
PowerScale Node Site Preparation and Planning Guide
PowerScale OneFS Best Practices
OneFS Upgrade Planning and Process Guide

Note: These exam description details reflect contents as of June 21, 2024.