

Specialist - Platform Engineer, PowerScale 4.0

Certification Description



[Proven Professional Website](#)

[Education Services Community](#)

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 complete the requirements for this certification you must:

1. Achieve one of the following Associate level certifications:
 - Associate - Information Storage and Management Version 2.0
 - Associate - Information Storage and Management Version 3.0
 - Associate - Information Storage and Management Version 4.0
2. Pass the following Specialist exam on or after January 29, 2021:
 - [DES-1444 Specialist – Platform Engineer, PowerScale Exam](#)

Note: These details reflect certification requirements as of **January 29, 2021**.

The Proven Professional Program periodically updates certification requirements. *Please check the [Proven Professional CertTracker](#) website regularly for the latest information and for other options to meet the Associate level requirement.

Dell Technologies Partners: Achieving a certification validates capability; however, it does not imply authorization to deliver services. Services Delivery 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 delivery competencies upon completing the specific requirements outlined in the [enablement matrix](#). Only partners that have met these requirements should be delivering their own services in lieu of Dell Technologies Services.

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

DES-1444 Specialist – Platform Engineer, PowerScale Exam

Exam Description



Overview

This exam is a qualifying exam for the **Specialist - Platform Engineer, PowerScale (DCS-PE)** track.

This exam focuses on the concepts 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 for all hardware lines of PowerScale..

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.

Duration

90 Minutes
(~60 Questions)

Pass Score: 63

Practice Test

Exam – [DES-1444](#)

Products

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

- PowerScale Gen 6 and Gen 6.5 nodes
- SolVe
- PEQ
- OneFS (hardware related features)

Exam Topics

Topics likely to be covered on this exam include:

PowerScale Hardware Concepts (25%)

- Describe the methods, tools, and related considerations required for an installation, for example: phases, SolVe
- Describe how to use the PEQ
- Describe the design and capabilities of PowerScale Gen 6 and Gen 6.5 nodes
- Describe internal and external networking requirements and setup
- Describe the nature and use of cluster management tools, for example: WebUI, CLI, Serial Console, PAPI

PowerScale Hardware Maintenance (25%)

- Describe preliminary tasks required for hardware maintenance
- Describe tasks required to prepare a node for operation
- Describe how to install and maintain key FRUs
- Describe how to install and maintain key CRUs

Dell Inc.

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

PowerScale Hardware Installation (25%)

- Planning the installation
- Describe actions required to prepare the site
- Describe requirements and steps for installing the rack and subcomponents
- Describe how to cable nodes correctly

PowerScale Implementation (25%)

- Describe how to create a new cluster
- Describe the process for joining node to a cluster, including smartfailing, reformatting, reimaging
- Describe tools and methods used to complete a configuration, focusing on compliance, SRS, and Hadoop
- Describe tools and procedures used for handling upgrades, versioning, and patches

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

Recommended Training

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

Please complete all of the following courses

Course Title	Course Number	Mode	Available
PowerScale Concepts	ES131STG01028	On-Demand	10/23/20
PowerScale Hardware Concepts	MR-7WP-ISIHBG17	On-Demand	10/23/20
PowerScale Hardware Installation	MR-7WP-ISIINST17	On-Demand	11/19/20
PowerScale Implementation	MR-7WP-ISIIC17	On-Demand	10/23/20
PowerScale Hardware Maintenance	MR-7WP-ISIHM17	On-Demand	10/23/20

Note: These exam description details reflect contents as of **January 29, 2021**.

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