

## Dell PowerFlex Design 2023

### Certification Description



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#### Certification Overview

Successfully obtaining this certification enables and validates the candidate's ability to apply the knowledge and skills required to effectively design a PowerFlex solution in order to identify and document specific requirements in preparation for installation and implementation of the solution. The certification supports the skills needed to successfully work within environments undergoing digital and IT Transformations

#### 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 PowerFlex Design 2023 Exam](#).

Note: These details reflect certification requirements as of August 25, 2023.

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 PowerFlex Design 2023 Exam

## Exam Description



### Part 1:

#### Duration

90 Minutes  
(~40 Questions)

#### Pass Score

63%

#### Practice Test

[D-PWF-DS-23](#)

### Exam Overview

This exam focuses on designing overall PowerFlex (appliance/node or rack) solutions. This includes solution architecture, use cases, hardware, and software components. It also includes working with specific PowerFlex processes, tools, solution resources, system security, data protection, component backups, and basic troubleshooting.

### Products

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

- PowerFlex 4.0 Appliance
- PowerFlex 4.0 Rack
- PowerFlex 4.0 Custom Node

### Exam Topics

Topics likely to be covered on this exam include:

#### PowerFlex Foundations (15%)

- Describe PowerFlex products and deployment models
- Describe PowerFlex architecture and software interfaces

#### PowerFlex Solution Design (13%)

- Align a PowerFlex solution to requirements
- Capture a design and validate it with a customer

#### PowerFlex Objects Configuration (20%)

- Configure Protection Domains and Fault Sets
- Configure Storage Pools
- Configure Storage Data Servers
- Configure Meta Data Managers

#### PowerFlex Nodes and Volumes Configuration (38%)

- Configure PowerFlex Nodes
- Working with Volumes (e.g., create, replicate, and protect)
- Create, configure, and protect NAS Filesystems

#### PowerFlex Solutions Integration and Troubleshooting (15%)

- Integrate for security
- Backup and restore a cluster
- Troubleshoot a cluster

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
PowerFlex 4.X Appliance and Rack Design	ESCPXD05540	On Demand	6/29/2023
PowerFlex 4.X Concepts	ESCPXD04482	On Demand	9/1/2022
PowerFlex 4.0 Administration	ESCPXD04583	On Demand	3/7/2023

Note: These exam description details reflect contents as of August 25, 2023.

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