Dell Technologies

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.

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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.

Duration

90 minutes

Recommended Training

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

Option 1: **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

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