

Dell PowerProtect Data Domain Operate 2023

Certification Description



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Certification Overview

This Proven Certification benefits any professional who needs to demonstrate their ability to deploy Dell PowerProtect Data Domain systems.

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 PowerProtect Data Domain Operate 2023 exam.

Note: These details reflect certification requirements as of November 10, 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.

Exam Overview

This exam assesses the knowledge and skills required to manage PowerProtect Data Domain systems in a production environment and provision according to business needs. This exam also includes configuration tasks that are consistent with the ongoing management of PowerProtect Data Domain systems and integration with other products.

Products

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

- DDOS 7.11
- PowerProtect Data Domain VE 7.11

Exam Topics

Topics likely to be covered on this exam include:

Dell PowerProtect Data Domain Concepts and Features (18%)

- Explain the key differentiators of the Dell PowerProtect Data Domain deduplication technology, including SISL, DIA, In-line versus Post Process deduplication, and file versus block storage
- Identify typical Dell PowerProtect Data Domain backup and recovery solutions and describe PowerProtect Data Domain product positioning
- Describe Dell PowerProtect Data Domain software components and features and the functionality they enable

Dell Cloud Tier Implementation and Administration (16%)

- Describe Dell Cloud Tier features, benefits, architecture and use cases
- Manage Dell PowerProtect Data Domain systems with the Dell Cloud Tier, including adding and expanding storage, adjusting compression settings, deleting or reusing storage units, configuring replication and disaster recovery

PowerProtect Data Domain Implementation in Backup Environments and Integration with Application Software (20%)

- Distinguish between key backup software components
- Recognize the packet flow in a typical backup environment with and without a Dell PowerProtect Data Domain system
- Describe key information points for a backup and recovery solution using Data Domain Boost/OST technology
- Apply best practices and system tuning procedures for optimal performance of backup environments including integrated Dell PowerProtect Data Domain systems

PowerProtect Data Domain System Administration (46%)

- Operate Dell PowerProtect Data Domain system with key protocols, including NFS/CIFS, Data Domain Boost, VTL, and NDMP
- Operate Dell PowerProtect Data Domain system with key technologies, including data security, link aggregation/failover, fibre channel connections, secure multi-tenancy, DDMC, smart scale, snapshots, fastcopy, retention lock, sanitization, encryption, storage migration, replication, and recovery functionalities
- Manage system access and describe and configure autosupport, Support bundle, SNMP, and Syslog
- Monitor system activity and performance and evaluate the cleaning frequency
- Verify hardware and analyze and interpret space utilization and compression graphs
- Monitor PowerProtect Data Domain capacity and estimate storage burn rate

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

Duration

120 minutes

Recommended Training

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

OPTION 1:

Course Title	Course Number	Modality
Dell PowerProtect Data Domain Concepts and Features	MR-1WP-DDFUND	On-Demand
Dell Cloud Tier Implementation and Administration	MR-1WP-DDCTIM	On-Demand
PowerProtect Data Domain with Application Software	MR-1WP-DDIAS	On-Demand
Dell PowerProtect Data Domain Management Center Administration	ESDP5D05255	On-Demand
Dell PowerProtect Data Domain System Administration	ESDP5D02523	On-Demand
Dell PowerProtect Data Domain System Administration	MR-1ON- DDSAODL-NA	On-Demand Lab

OPTION 2:

Course Title	Course Number	Modality
Dell PowerProtect Data Domain Concepts and Features	MR-1WP-DDFUND	On-Demand
Dell Cloud Tier Implementation and Administration	MR-1WP-DDCTIM	On-Demand
PowerProtect Data Domain with Application Software	MR-1WP-DDIAS	On-Demand
Dell PowerProtect Data Domain Management Center Administration	ESDP5D05255	On-Demand
Dell PowerProtect Data Domain Implementation and Administration	ESDP5S08363	Classroom/ Virtual Classroom
Dell PowerProtect Data Domain Advanced Administration	ESDP5S08358	Classroom/ Virtual Classroom

OPTION 3:

Course Title	Course Number	Modality
Dell PowerProtect Data Domain Concepts and Features	MR-1WP-DDFUND	On-Demand
Dell Cloud Tier Implementation and Administration	MR-1WP-DDCTIM	On-Demand
PowerProtect Data Domain with Application Software	MR-1WP-DDIAS	On-Demand
Dell PowerProtect Data Domain Management Center Administration	ESDP5D05255	On-Demand
Dell PowerProtect Data Domain System Administration	MR-1LP-DDSADMIN	Classroom/ Virtual Classroom

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