Dell Technologies

Dell PowerProtect DD Operate 2023

Certification Description

DELLTechnologies

Proven Professional

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Certification Overview

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

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Exam Overview

This exam assesses the knowledge and skills required to manage PowerProtect DD 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 DD 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 DD VE 7.11

Exam Topics

Topics likely to be covered on this exam include:

Dell PowerProtect DD Concepts and Features (18%)
- Explain the key differentiators of the Dell PowerProtect DD deduplication technology, including SISL, DIA, In-line versus Post Process deduplication, and file versus block storage
- Identify typical Dell PowerProtect DD backup and recovery solutions and describe PowerProtect DD product positioning
- Describe Dell PowerProtect DD 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 DD 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 DD 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 an Dell PowerProtect DD system
- Describe key information points for a backup and recovery solution using DD Boost/OST technology
- Apply best practices and system tuning procedures for optimal performance of backup environments including integrated Dell PowerProtect DD systems

PowerProtect DD System Administration (46%)
- Operate Dell PowerProtect DD system with key protocols, including NFS/CIFS, DD Boost, VTL, and NDMP
- Operate Dell PowerProtect DD 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 DD capacity and estimate storage burn rate

The percentages after each topic above reflects 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.

Course Title	Course Number	Modality	Available
Dell PowerProtect DD Concepts and Features	MR-1WP-DDFUND	On-Demand	10/31/23
Dell Cloud Tier Implementation and Administration	MR-1WP-DDCTIM	On-Demand	10/31/23
PowerProtect DD with Application Software	MR-1WP-DDIAS	On-Demand	2/23/21
Dell PowerProtect DD Management Center Administration	ESDPSD05255	On-Demand	6/22/23
Dell PowerProtect DD System Administration Dell PowerProtect DD System Administration Or Dell PowerProtect DD System Administration	ESDPSD02523 MR-1ON- DDSAODL-NA MR-1LP-DSADMIN	On-Demand On-Demand Lab Classroom & Virtual Classroom	10/31/23 12/5/23 10/31/23

Note: These exam description details reflect contents as of November 10, 2023.