

Specialist – Systems Administrator, PowerProtect DD Version 3.0

Certification Description



[Proven Professional Website](#)

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Overview

This Proven Certification provides specialist level certification for configuring and managing Dell EMC PowerProtect DD systems. This certification validates the learner's comprehensive understanding of PowerProtect DD system integrations with common backup applications and implementation with key protocols including NFS/CIFS, DD Boost, VTL, and NDMP.

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
 - Associate - Data Protection and Management Version 1.0
 - Associate - Data Protection and Management Version 2.0
2. Pass the following Specialist exam on or after April 02, 2021:
 - [DES-DD33 Specialist – Systems Administrator, PowerProtect DD Exam](#)

Note: These details reflect certification requirements as of April 02, 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.

Other Certification Recommendations

Once you have achieved this Certification you may be interested in:

- [Specialist – Implementation Engineer, NetWorker Version 8.0](#)
- [Specialist – Systems Administrator, Avamar Version 9.0](#)

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

DES-DD33 Specialist – Systems Administrator, PowerProtect DD Exam

Exam Description



Part 1:

Duration

90 Minutes
(54 Questions)

Pass Score
63%

Part 2:

Duration

30 Minutes
(6 Simulations)

Pass Score
66%

A passing score is required on **both** parts of this exam.

Practice Test

Exam [DES-DD33](#)

[Simulator Demo](#)

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Overview

This exam is a qualifying exam for the **Specialist – Systems Administrator, PowerProtect DD (DCS-SA)** Certification.

This exam assesses the knowledge and skills to configure and manage PowerProtect DD systems. This exam also covers the concepts, features, administration, and integration with other products.

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.

Products

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

- DDOS 7.3
- PowerProtect DD hardware models
- PowerProtect DD Virtual Edition 6.0

Exam Topics

Topics likely to be covered on this exam include:

PowerProtect DD Concepts and Features (20%)

- Explain the key differentiators of the Dell EMC PowerProtect DD deduplication technology, including SISL, DIA, In-line versus Post Process deduplication, and file versus block storage.
- Identify typical Dell EMC PowerProtect DD backup and recovery solutions and describe PowerProtect DD product positioning.
- Identify and describe various Dell EMC PowerProtect DD software options and the functionality they enable.

Cloud Tier Administration (15%)

- Describe Dell EMC Cloud Tier features, benefits, architecture and use cases.
- Perform administrative tasks on Dell EMC PowerProtect DD systems with the Dell EMC 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 (15%)

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

PowerProtect DD System Administration (50%)

- Implement Dell EMC Data Domain system with key protocols, including NFS/CIFS, DD Boost, VTL, and NDMP.
- Implement Dell EMC PowerProtect DD system with key technologies, including data security, link aggregation/failover, fibre channel connections, secure multi-tenancy, DDMC, 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.

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 as of
PowerProtect DD and Data Domain Concepts and Features	MR-1WP-DDFUND	On-Demand	9/8/2020
PowerProtect DD Implementation with Application Software	MR-1WP-DDIAS	On-Demand	2/23/2021
Cloud Tier Implementation and Administration	MR-1WP-DDCTIM	On-Demand	10/13/2020

Please complete one of the following courses

Course Title	Course Number	Mode	Available as of
PowerProtect DD System Administration	MR-1CP-DDSADMIN	Classroom	12/27/20



PowerProtect DD System Administration	MR-1LP-DDSADMIN	Virtual Classroom	12/27/20
PowerProtect DD System Administration	ESDPSD02523	On-Demand	12/27/20

Note: These exam description details reflect contents as of **April 02, 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.

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