DELLTechnologies

Announcing DES-3521 Specialist – Implementation Engineer, PowerProtect Data Manager Exam Retirement

The **Specialist – Implementation Engineer, PowerProtect Data Manager Version 2.0** certification (DES-3521) will be updated on December 22, 2023 by a new certification offering. The new certification is **Dell PowerProtect Data Manager Deploy 2023** (D-PDM-DY-23)

This certification is a part of the new Proven Professional framework focused on skill and outcome-based solutionscertifications that was announced on February 6th.

How will this impact you?

If you have already taken the aligned training or previously attempted the exam for the **Specialist – Implementation Engineer, PowerProtect Data Manager Version 2.0** certification, plan to take the DES-3521 exam by **December 21,2023.**

- View the DES-3521 exam description and practice test »

Once achieved, your credential, Specialist – Implementation Engineer, PowerProtect Data Manager Version 2.0, will notexpire.

If you're just beginning your certification journey, choose one of the new exams that aligns closest with the skills and knowledge you're looking to develop.

- **Dell PowerProtect Data Manager Deploy 2023** (D-PDM-DY-23) Exam Description and Practice Test coming soon »

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Specialist – Implementation Engineer, PowerProtect Data Manager Version 2.0

Certification Description

[Proven Professional Website](#)

Engage with your peers in our [Proven Professional Community](#).

Certification Overview

This certification will benefit any Implementation Engineer or PowerProtect Data Manager professional implementing or managing the PowerProtect Data Manager product. This certification formally validates the skills such as deploy, configure, troubleshoot, integrate and upgrade a PowerProtect Data Manager solution in various environments.

Certification Requirements

To complete the requirements for this certification you must:

1. Achieve one of the following Associate level certifications*

   - Associate - Data Protection and Management Version 1.0
   - Associate - Data Protection and Management Version 2.0
   - 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 - Information Storage and Management Version 5.0

Pass the following Specialist exam on or after July 09, 2021:
   - [DES-3521 Specialist – Implementation Engineer, PowerProtect Data Manager Exam](#)

Note: These details reflect certification requirements as of July 09, 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.

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DES-3521 Specialist – Implementation Engineer, PowerProtect Data Manager 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-3521

Simulator Demo

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Overview
This exam is a qualifying exam for the **Specialist – Implementation Engineer, PowerProtect Data Manager (DCS-IE) track**.

This exam focuses on ensuring individuals are knowledgeable in PowerProtect Data Manager concepts and terminology. The exam requires successful candidate to demonstrate knowledge on deploy, configure, troubleshoot, integrate and upgrade an PowerProtect Data Manager solution in various environments.

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:

PowerProtect Data Manager 19.6 and below

Cloud Disaster Recovery 19.6

Exam Topics
Topics likely to be covered on this exam include:

PowerProtect Data Manager Concepts and Features (15%)
- Describe the features and benefits of PowerProtect
- Identify the PowerProtect Data Manager components and their uses
- Given a scenario, know when a Use case is applicable or not applicable
- Compare and contrast the features and benefits of PowerProtect Cloud Snapshot Manager
- Articulate the business value of PowerProtect Data Manager

PowerProtect Data Manager Installation and Initial Configuration (20%)
- List the requirements for a PowerProtect Data Manager
- Describe the requirements to upgrade PowerProtect Data Manager
- Explain procedures for PowerProtect Data Manager Installation or Upgrade
- Explain how to deploy PowerProtect Data Manager
- Upgrade PowerProtect Data Manager
- Describe the post Installation tasks and initial configuration for PowerProtect Data Manager solutions
- Describe Administration of PowerProtect Data Manager

PowerProtect Data Manager Integration (55%)

- Describe the integration, configuration, restoration, and data backup requirements/considerations for PowerProtect Data Manager with MS-SQL
- Explain how to configure, restore, and backup PowerProtect Data Manager for ORACLE database
- Describe the integration, configuration, restoration, and data backup requirements/considerations for PowerProtect Data Manager with VM
- Describe the integration, configuration, restoration, and data backup requirements/considerations for PowerProtect Data Manager with SAP HANA
- Describe the integration, configuration, restoration, and data backup requirements/considerations for PowerProtect Data Manager with MS Exchange
- Describe the integration, configuration, restoration, and data backup requirements/considerations for PowerProtect Data Manager with Kubernetes

PowerProtect Data Manager Troubleshooting (10%)
- Identify and troubleshoot a PowerProtect Data Manager Upgrade
- Identify how to troubleshoot a PowerProtect Data Manager VM backup and Recovery
- Identify how to troubleshoot a PowerProtect PPAS operations

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 choose one of the options below.

Option 1: **Please complete all of the following courses**

Course Title	Course Number	Mode	Available as of
PowerProtect Concepts	ES131DPS00976	On-Demand	11/20/20
PowerProtect Data Manager Concepts	ES131DPS00978	On-Demand	11/25/20
PowerProtect Data Manager Features	ES131DPS00994	On-Demand	12/2/20
PowerProtect Data Manager Implementation	ES131DPS00979	On-Demand	12/17/20
PowerProtect Data Manager MS SQL Integration	ES131DPS00986	On-Demand	1/12/21
PowerProtect Data Manager VM Integration	ES131DPS00984	On-Demand	2/17/21
PowerProtect Data Manager Oracle Integration	ES131DPS00985	On-Demand	1/29/21
PowerProtect Data Manager Upgrade	ES131DPS00982	On-Demand	3/24/21
PowerProtect Data Manager Troubleshooting	ES531DPS00983	On-Demand	3/18/21

PowerProtect Data Manager SAP HANA Integration	ES101DPS01685	On-Demand	3/5/21
PowerProtect Data Manager Kubernetes Integration	ESDPSD02845	On-Demand	4/14/21
PowerProtect Data Manager MS Exchange Integration	ESDPSD02844	On-Demand	4/14/21
PowerProtect Data Manager Implementation	ES131DPS00987	On-Demand Lab	12/18/20
PowerProtect Data Manager VM Integration	ES142DPS00996	On-Demand Lab	2/25/21
PowerProtect Data Manager Oracle Integration	ES141DPS00997	On-Demand Lab	2/8/21
PowerProtect Data Manager MS SQL Integration	ES131DPS00998	On-Demand Lab	1/20/21
PowerProtect Data Manager SAP HANA Integration	ES101DPS01686	On-Demand Lab	3/16/21

Option 2: **Please complete one of the following courses**

Course Title	Course Number	Mode	Available as of
PowerProtect Data Manager Implementation and Administration	ESDPSS02372	Classroom	4/23/21
PowerProtect Data Manager Implementation and Administration	ESDPSS02373	Virtual Classroom	4/23/21

Note: These exam description details reflect contents as of **July 09, 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.