

Specialist – Implementation Engineer, PowerProtect Data Manager Version 2.0

Certification Description



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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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In North America
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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 |



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|---|---------------|---------------|----------|
| 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.

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