

Specialist – Implementation Engineer, PowerProtect Data Manager Version 1.0

Certification Description



[Proven Professional Website](#)

[Education Services 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 including PowerProtect X400 appliance.

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 - Information Storage and Management Version 2.0
 - Associate - Information Storage and Management Version 3.0
 - Associate - Information Storage and Management Version 4.0
2. Pass the following Specialist exam on or after November 02, 2018:
 - [DES-3521 Specialist – Implementation Engineer, PowerProtect Data Manager Exam](#)

Note: These details reflect certification requirements as of May 01, 2020.

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



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

Exam Description



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 including PowerProtect X400 appliance.

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.

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](#)

Dell Inc.

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

Products

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

PowerProtect Data Manager 19.2, 19.3	PowerProtect X400 1.1 Cloud Disaster Recovery 19.2
---	---

Exam Topics

Topics likely to be covered on this exam include:

PowerProtect Concepts (12%)

- Describe PowerProtect and its benefits
- Identify PowerProtect Data Manager and X400 components
- Describe PowerProtect Data Manager Use Cases

PowerProtect Data Manager and PowerProtect X400 Concepts & Features (17%)

- Describe PowerProtect Data Manager and X400 Concepts
- Describe PowerProtect Data Manager Features

PowerProtect Data Manager Installation and Configuration (23%)

- Describe requirements for PowerProtect Data Manager
- Describe requirements to upgrade PowerProtect Data Manager
 - Explain procedures for PowerProtect Data Manager Installation or Upgrade
 - Deploy PowerProtect Data Manager
 - Upgrade PowerProtect Data Manager



- Describe Post Installation tasks and PowerProtect Data Manager Configuration
- Describe Administration of PowerProtect Data Manager on PowerProtect X400 appliance

PowerProtect Data Manager Integration (37%)

- Describe PowerProtect Data Manager Integration with MS-SQL
- Configure PowerProtect Data Manager for MS-SQL database backup
- Restore MS-SQL database with PowerProtect Data Manager
- Describe PowerProtect Data Manager Integration with ORACLE
- Configure PowerProtect Data Manager for ORACLE database backup
- Restore ORACLE database with PowerProtect Data Manager
- Describe PowerProtect Data Manager Integration with VM
- Configure PowerProtect Data Manager for VM data backup
- Restore VM data with PowerProtect Data Manager

PowerProtect Data Manager Troubleshooting (11%)

- Troubleshoot PowerProtect Data Manager Administrative and Recovery Issues
- Troubleshoot Virtual Machine Restore

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 Concepts	ES131DPS00976	On-demand course	2/14/2020
PowerProtect Data Manager Concepts	ES131DPS00978	On-demand course	2/14/2020
PowerProtect Data Manager Features	ES131DPS00994	On-demand course	2/14/2020
PowerProtect Data Manager Implementation	ES131DPS00979	On-demand course	2/14/2020
PowerProtect Data Manager MS SQL Integration	ES131DPS00986	On-demand course	2/14/2020
PowerProtect Data Manager VM Integration	ES131DPS00984	On-demand course	2/14/2020
PowerProtect Data Manager Oracle Integration	ES131DPS00985	On-demand course	2/14/2020
PowerProtect Data Manager Upgrade	ES131DPS00982	On-demand course	2/14/2020



PowerProtect Data Manager Troubleshooting	ES531DPS00983	On-demand course	2/14/2020
PowerProtect Data Manager 19.3 Differences	ES101DPS01476	On-demand course	2/14/2020
PowerProtect X400 Concepts	ES131DPS00989	On-demand course	2/14/2020
PowerProtect Data Manager Administration on X400	ES131DPS00980	On-demand course	2/14/2020
PowerProtect Data Manager Implementation On-Demand Lab	ES131DPS00987	On-demand Lab	2/14/2020
PowerProtect Data Manager VM Integration On-Demand Lab	ES142DPS00996	On-demand Lab	2/14/2020
PowerProtect Data Manager Oracle Integration On-Demand Lab	ES141DPS00997	On-demand Lab	2/14/2020
PowerProtect Data Manager MS SQL Integration On-Demand Lab	ES131DPS00998	On-demand Lab	2/14/2020

Note: These exam description details reflect contents as of **May 01, 2020**.

The Proven Professional Program periodically updates exams to reflect technical currency and relevance. Please check the Proven Professional website regularly for the latest information.

Copyright © 2020 Dell Inc. or its subsidiaries. All Rights Reserved. Dell Technologies, Dell, EMC, Dell EMC and other trademarks are trademarks of Dell Inc. or its subsidiaries. Other trademarks may be trademarks of their respective owners. Published in the USA [04/20]

Dell Technologies believes the information in this document is accurate as of its publication date. The information is subject to change without notice.