

Specialist - Platform Engineer, PowerMax and VMAX All Flash Version 2.0

Certification Description



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Certification Overview

Benefits any professional supporting PowerMax and VMAX All Flash Solutions, initial configuration of ports, pools and devices, storage provisioning and business continuity operations using TimeFinder Snap VX and SRDF.

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
 - Specialist - Platform Engineer, VMAX All Flash and VMAX3 Version 1.0
2. Pass the following Specialist exam on or after January 24, 2020:
 - [DES-1142 Specialist - Platform Engineer, PowerMax and VMAX All Flash Exam](#)

Note: These details reflect certification requirements as of January 24, 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.

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DES-1142 Specialist - Platform Engineer, PowerMax and VMAX All Flash Exam

Exam Description



Overview

This exam is a qualifying exam for the **Specialist - Platform Engineer, PowerMax and VMAX All Flash (DCS-PE)** track.

This exam focuses on supporting PowerMax and VMAX All Flash Solutions. Required product knowledge includes the ability to articulate features and functions of the PowerMax and VMAX All Flash Family models, comprehend architecture and theory of operations, and demonstrate management and administrative capabilities using appropriate management interfaces. Other focus includes system installation and maintenance, initial configuration of ports, pools and devices, storage provisioning and business continuity operations using TimeFinder Snap VX and SRDF.

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.

Duration

90 Minutes
(60 Questions)

Pass Score: 63

Practice Test

Exam - [DES-1142](#)

Products

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

- PowerMax Family
- VMAX All Flash Family
- PowerMaxOS 5978
- TimeFinder Snap VX
- SRDF
- Open Replicator

Exam Topics

Topics likely to be covered on this exam include:

PowerMax Fundamentals (5%)

- Describe PowerMax array models
- Summarize PowerMax software offerings
- Identify use cases for PowerMax

VMAX All Flash Fundamentals (5%)

- Describe VMAX All Flash array models
- List VMAX All Flash hardware and software configuration options
- Identify use cases for VMAX All Flash

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PowerMax and VMAX All Flash Local and Remote Replication (17%)

- Describe TimeFinder SnapVX architecture, features, benefits, and management
- Describe SRDF architecture, features, benefits, and management
- Describe Open Replicator architecture, features, benefits, and management

PowerMax Hardware (22%)

- Describe PowerMax arrays and configuration options
- Compare and contrast PowerMax array models
- Explain PowerMaxOS features
- Identify PowerMax hardware components
- Explain PowerMax serviceability access and activities

PowerMax and VMAX All Flash Installation (26%)

- PowerMax models - identify components, describe bay configurations and cabling, and compare models where appropriate
- VMAX All Flash - identify components, describe bay configurations and cabling, and compare models where appropriate
- Describe where to find, and how to use, installation tools

PowerMax and VMAX All Flash Maintenance (25%)

- PowerMax - Describe Field Replaceable Units (FRUs) and related installation tools and procedures
- VMAX All Flash - Describe Field Replaceable Units (FRUs) and related installation tools and procedures
- Describe how to access PowerMax and VMAX All Flash systems onsite
- Describe where to find, and how to use, maintenance tools for PowerMax and VMAX All Flash systems

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 |
|--|------------------|-----------|-----------|
| VMAX All Flash Fundamentals | MR-1WN-VMAXFFUN | eLearning | Sep 2016 |
| PowerMax Concepts and Features | ES131STG00363 | eLearning | Jul 2018 |
| PowerMax and VMAX Family Local Replication Concepts | ES132STG00367 | eLearning | Sep 2018 |
| PowerMax and VMAX Family Remote Replication Concepts | ES132STG00368 | eLearning | Sep 2018 |
| PowerMax Hardware Concepts | ES532STG01131 | eLearning | Jul 2019 |
| VMAX All Flash and VMAX3 Hardware Fundamentals | MR-7WP-VMAXAF3HW | eLearning | Feb 2016 |



Please complete one of the following courses

| Course Title | Course Number | Mode | Available |
|--|---------------|--------------------|-----------|
| PowerMax and VMAX All Flash 250/950 Installation and Maintenance – Classroom | ES502STG01597 | Instructor Led | TBD |
| PowerMax and VMAX All Flash 250/950 Installation and Maintenance - Video ILT | ES502STG01592 | Video ILT – Stream | 1/10/20 |

Note: These exam description details reflect contents as of **January 24, 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.

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