

DELL Technologies

Dell PowerMax Maintenance 2023

D-PM-MN-23

Certification Description



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Certification Overview

This certification covers PowerMax family storage array maintenance. Required product knowledge includes the ability to identify the main system components and perform replacements on Field Replaceable Units (FRUs).

Certification Requirements

To successfully complete this certification, a candidate must:

1. Have a sufficient knowledgebase/skill set through hands-on product experience and/or by consuming the recommended training.
2. Pass the Dell PowerMax Maintenance 2023 Exam.

Note: These details reflect certification requirements as of September 22, 2023.

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

Dell Technologies Partners: Achieving a certification validates capability; however, it does not imply authorization to deliver services. Services 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 Competencies upon completing the specific requirements outlined in the [Services Competencies Matrix](#). Only partners that have met these requirements should be delivering their own services in lieu of Dell Technologies Services.

Exam Overview

This exam focuses on the PowerMax family storage array maintenance. The exam includes identifying main system components and perform replacements on Field Replacement Units (FRUs) using appropriate management tools.

Products

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

- PowerMaxOS 10
- PowerMaxOS 5978
- PowerMax 2500 and 8500
- PowerMax 2000 and 8000

Exam Topics

Topics likely to be covered on this exam include:

PowerMaxOS 10 Concepts and Features (17%)

- Describe PowerMax family configuration options - PowerMax 2000 and 8000, and PowerMax 2500 and 8500
- Summarize PowerMax Family software offerings – PowerMax and PowerMaxOS 10
- Identify use cases for PowerMax and PowerMaxOS 10

PowerMaxOS 10 Hardware Concepts (20%)

- Compare and contrast PowerMax 2000 and 8000, PowerMax 2500 and 8500 models
- Explain PowerMax 2000 and 8000, and PowerMax 2500 and 8500 bay configurations, system connectivity, and Local/Flexible RAID
- Locate PowerMax 2000 and 8000, and PowerMax 2500 and 8500 hardware components
- Explain PowerMax and PowerMaxOS 10 serviceability access and activities

PowerMaxOS 10 Maintenance (33%)

- Explain how to handle FRUs safely - Electric discharge
- List how to access PowerMax 2500 and 8500 arrays - Access method and Control Station (CS) App
- Demonstrate the use of Simplified Symmwin to perform an FRU procedure
- Discuss Field Replaceable Units (FRUs) replacement and related procedures

PowerMax Maintenance (30%)

- List how to access PowerMax 2000 and 8000 arrays - Access methods, tools, and portals
- Demonstrate the use of Simplified Symmwin to perform an FRU procedure
- Discuss Field Replaceable Units (FRUs) replacement and related procedures

The percentages after each topic above reflects the approximate distribution of the total question set across the exam.

Duration

90 minutes

Recommended Training

The following training is recommended for candidates preparing to take this exam.

Please complete all of the following courses:

Course Title	Course Number	Modality	Available
PowerMax Concepts and Features	ES131STG00363	On Demand	5/5/2023
PowerMax 10 Concepts and Features	ESSTGD04299	On Demand	8/1/2023
PowerMax Hardware Concepts	ES532STG01131	On Demand	11/22/2022
PowerMax 10 Hardware Concepts	ESSTGD04457	On Demand	8/1/2023

PowerMax and VMAX All Flash 250/950 Maintenance	ESSTGD04922	On Demand	8/1/2023
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Please complete one of the following courses:

Course Title	Course Number	Modality	Available
PowerMaxOS 10 Maintenance	ESSTGD04438	On Demand	8/1/2023

Note: These exam description details reflect contents as of September 22, 2023.

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