

Dell PowerMax Operate

Certification Description



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Certification Overview

This exam focuses on implementing and managing PowerMax storage arrays. The exam focuses on provisioning, configuration, monitoring, and business continuity administration of PowerMax Family storage arrays. Non-Disruptive migration to PowerMax arrays is also covered.

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 Operate Exam

Note: These details reflect certification requirements as of September 18, 2024.

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

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Exam Overview

This exam focuses on implementing and managing PowerMax storage arrays. The exam focuses on provisioning, configuration, monitoring, and business continuity administration of PowerMax Family storage arrays. Non-Disruptive migration to PowerMax arrays is also covered.

Exam Topics

Topics likely to be covered on this exam include:

1.0 PowerMax Family Storage Provisioning	24%
1.a Describe PowerMax family models and system architecture.	
1.b Describe PowerMax family configurations.	
1.c Explain PowerMax family port management.	
1.d Explain PowerMax family device management.	
1.e Perform service level based provisioning using Unisphere for PowerMax.	
1.f Perform storage allocation using auto-provisioning groups.	
2.0 PowerMax Family Monitoring and Workload Planning	10%
2.a Explain how monitoring of storage environment is performed using Unisphere for PowerMax.	
2.b Perform monitoring of storage environment in Unisphere for PowerMax.	
2.c Explain how Workload Planning is performed using Unisphere for PowerMax.	
3.0 PowerMax Family Management in a Virtual Environment	4%
3.a Describe vSphere and VSI features.	
3.b Perform monitoring of virtual environment using Unisphere for PowerMax.	
4.0 PowerMax Family Administration - Local Replication and PowerMax Family Administration - Remote Replication	10%
4.a Describe TimeFinder SnapVX features.	
4.b Compare SnapVX snapshots and clones.	
4.c Describe SRDF features and topologies.	
5.0 PowerMax Family Business Continuity Administration	20%
5.a Perform TimeFinder SnapVX operations using Unisphere for PowerMax.	
5.b Perform TimeFinder Clone operations using Unisphere for PowerMax.	
5.c Describe SRDF operations.	
5.d Perform SRDF operations using Unisphere for PowerMax and SYMCLI.	
6.0 Unisphere for PowerMax Implementation and Administration	8%
6.a Explain Unisphere for PowerMax installation process and Unisphere post-installation tasks.	
6.b Describe how to navigate the Unisphere for PowerMax interface.	
6.c Perform the administration tasks using Unisphere for PowerMax.	
7.0 Solutions Enabler 10 Implementation	10%
7.a Describe Solutions Enabler concepts.	
7.b Explain Solutions Enabler Installation and Upgrade process.	
7.c Explain Gatekeeper management.	
7.d Describe the functions of and supported platforms of commonly used Solutions Enabler daemons.	
8.0 PowerMaxOS 10 Data Mobility	12%
8.a Describe Data Mobility features.	
8.b Describe Non-Disruptive Migration features and benefits.	
8.c Perform Non-Disruptive Migrations using Unisphere for PowerMax.	
8.d Explain how Minimally Disruptive Migrations are performed using SYMCLI.	
8.e Perform O-MDM Migration session operations using Unisphere for PowerMax and SYMCLI.	

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.

ESSTGD05348	PowerMax Family Administration - Storage Provisioning
ESSTGD05351	PowerMax Family Administration - Monitoring and Workload Planning
ESSTGD05350	PowerMax Family Administration - Management in a Virtual Environment
ESSTGD05292	PowerMax Family Administration - Local Replication
ESSTGD05293	PowerMax Family Administration - Remote Replication
ESSTGD05296	Unisphere for PowerMax 10 Implementation
ESSTGD05297	Unisphere for PowerMax 10 Administration
ES132STG00366	Unisphere for PowerMax Implementation and Administration
ESSTGD05295	Solutions Enabler 10 Implementation
ES132STG00365	Solutions Enabler Implementation
ESSTGD04298	PowerMaxOS 10 Data Mobility - Open-Minimally Disruptive Migration
ESSTGD05294	PowerMaxOS 10 Data Mobility Non-Disruptive Migration (NDM)

Note: These exam description details reflect contents as of September 18, 2024.

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