

## Dell XtremIO Operate

### Achievement Description



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#### Overview

This training and achievement enables the deployment and management of XtremIO and X2 Storage systems. The achievement is supported by a core curriculum describing the critical components of managing the XtremIO system.

#### Achievement Requirements

To complete the requirements for this Achievement you must:

1. Pass the following assessment on or after February 3, 2024: [Dell XtremIO Operate](#)

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## Dell XtremIO Operate D-XTR-OE-A-24

### Assessment Description



#### Overview

This assessment focuses on the knowledge and activities involved in managing and optimizing XtremIO storage system in heterogeneous virtualized open systems environments. This includes configuring host access to storage, local replication, performance monitoring and optimization and basic troubleshooting.

#### Products

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

- XtremIO and X2, XIOS/XMS v6.2

#### Assessment Topics

Topics likely to be covered on this assessment include:

##### **XtremIO X1 and X2 Fundamentals (15%)**

- Identify and describe XtremIO X1 and X2 benefits and use cases
- Explain the XtremIO X1 and X2 architecture and theory of operations
- Identify and describe the XtremIO X1 and X2 solution integration options

##### **XtremIO X1 and X2 Management (66%)**

- Explain the XtremIO X1 and X2 Management Server (XMS) deployment options and support resources
- Identify and describe XtremIO X1 and X2 storage management operations (GUI, CLI, REST); including user accounts, methods of access
- Identify and describe XtremIO X1 and X2 volume operations
- Identify and describe the XtremIO X1 and X2 host configuration requirements
- Explain the specific Microsoft Windows host configuration requirements in XtremIO X1 and X2 environments
- Explain the specific VMware and Linux host configuration requirements in XtremIO X1 and X2 environments
- Describe XtremIO X1 and X2 Snapshot configurations, uses, and limits
- Identify and describe XtremIO Data Services benefits and integration features

#### Duration

105 Minutes  
(~60 Questions)

**Pass Score: 63**

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- Identify and describe XtremIO X1 and X2 performance considerations and reporting abilities

**XtremIO X1 and X2 Solution Integration (19%)**

- Identify and describe XtremIO X1 and X2 RecoverPoint, VPLEX, and AppSync options, considerations, limitations, and specific uses cases
- Explain the Oracle, VDI, XtremIO X1 and X2 challenges, best practices, and deployment considerations
- Describe the XtremIO X1 and X2 GUI, and CLI cluster state options, power procedures, and IP modification considerations

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

**Recommended Training**

The following curriculum is recommended for candidates preparing to take this assessment.

**Please complete the following courses as needed to complete the prerequisite knowledge**

**Please complete all of the following courses**

Course Title	Course Number	Mode	Available
XtremIO Fundamentals	MR-1WP-XIOFUND	eLearning	6/14/16
XtremIO X2 Fundamentals	MR-1WP-XIO2FUND	eLearning	5/2/19
XtremIO X2 Concepts	ES132STG00573	eLearning	5/2/19
XtremIO X2 Architecture	ES132STG00572	eLearning	5/2/19
XtremIO X2 Features	ES132STG00574	eLearning	5/2/19
XtremIO X2 Integration	ES132STG00575	eLearning	5/2/19
XtremIO X2 Administration	ES132STG00576	eLearning	5/2/19

**Please complete one of the following courses**

Course Title	Course Number	Mode	Available
Optimizing Storage Services for Applications with XtremIO and X2	MR-1CP-XIO4APPS	ILT	5/20/19
Optimizing Storage Services for Applications with XtremIO and X2 – Online ILT	MR-1LP-XIO4APPS	Online-ILT	5/20/19
Optimizing Storage Services for Applications with XtremIO – Video ILT	MR-1TP-XIO24APPS	Video ILT-Stream	9/27/19

Note: These assessment description details reflect contents as of **June 14, 2019**.

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



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