

Specialist – Systems Administrator, XtremIO Solutions Version 2.0

Certification Description



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Overview

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

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 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
 - Associate - Information Storage and Management Version 5.0
2. Pass the following Specialist exam on or after March 02, 2018:
 - [E20-568 Specialist, Systems Administrator | XtremIO Solutions Exam](#)

Note: These details reflect certification requirements as of **June 14, 2019**.

*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.

E20-568 Specialist - Systems Administrator, XtremIO Solutions Exam

Exam Description



Overview

This exam is a qualifying exam for the **Specialist – Systems Administrator, XtremIO Solutions (DCS-SA)** track.

This exam 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.

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

105 Minutes
(~60 Questions)

Pass Score: 63

Practice Test

Exam – [E20-568](#)

Products

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

- XtremIO and X2, XIOS/XMS v6.2

Exam Topics

Topics likely to be covered on this exam 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

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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 exam.

Recommended Training

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

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

| | | | |
|--|-------------------|-----------|---------|
| Fibre Channel for Connectrix | MR-1WP-FCFORCTX | eLearning | 6/29/17 |
| Computer Networking Overview | MR-1WP-COMPNETW | eLearning | 7/14/17 |
| Ethernet Networking Overview | MR-1WP-ETHNETW | eLearning | 7/14/17 |
| IP and TCP/UDP Protocols | MR-1WP-IPTCPUDP | eLearning | 7/14/17 |
| iSCSI Protocol | MR-1WP-ISCSIPROT | eLearning | 7/14/17 |
| FCIP Protocol and SAN Extension | MR-1WP-FCIPPROT | eLearning | 7/14/17 |
| FCoE Protocol and Converged Networks | MR-1WP-FCOEPROT | eLearning | 7/14/17 |
| InfiniBand Networking Overview | MR-1WP-INFINIBAND | eLearning | 7/14/17 |
| Connectrix Fundamentals | MR-1WP-CONFD | eLearning | 1/29/16 |
| PowerPath Fundamentals | MR-1WP-PWRPFD | eLearning | 2/23/15 |
| PowerPath Configuration and Administration | MR-1WP-PPADMN | eLearning | 3/31/15 |
| Getting Started with AppSync | MR-1WN-GSWAPPSYNC | eLearning | 7/28/16 |
| RecoverPoint Fundamentals | MR-1WP-RPFD | eLearning | 6/24/13 |

Please complete all of the following courses

| Course Title | Course Number | Mode | Available |
|---------------------------|----------------|-----------|-----------|
| XtremIO Fundamentals | MR-1WP-XIOFUND | eLearning | 6/14/16 |
| XtremIO X2 Concepts | ES132STG00573 | eLearning | 5/02/19 |
| XtremIO X2 Architecture | ES132STG00572 | eLearning | 5/02/19 |
| XtremIO X2 Features | ES132STG00574 | eLearning | 5/02/19 |
| XtremIO X2 Integration | ES132STG00575 | eLearning | 5/02/19 |
| XtremIO X2 Administration | ES132STG00576 | eLearning | 5/02/19 |

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 exam description details reflect contents as of **June 14, 2019**.

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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