DELLTechnologies

Announcing E20-668 Specialist - Platform Engineer, XtremIO Version 2.0 Retirement

The Specialist - Platform Engineer, XtremIO Version 2.0 certification (E20-668) will be retired on February 2, 2024 and transition from a Certification Exam to an Achievement Assessment. The new Achievement credential is Dell XtremIO Maintenance (D-XTR-MN-A-24)

This Achievement credential is focused on knowledge of key concepts, strategies and solutions.

How will this impact you?

If you have already taken the aligned training or previously attempted the exam for the **Specialist - Platform Engineer, XtremIO Version 2.0** certification, plan to take the E20-668 exam by **January 31, 2024.**

- [View the E20-668 exam description and practice test »](#) Once achieved, your

    credential, Specialist - Platform Engineer, XtremIO, will not expire.

If you're just beginning your credential journey after February 3, 2024, please choose this Assessment that aligns closest with the knowledge you're looking to develop.

- **Dell XtremIO Maintenance (D-XTR-MN-A-24)**

DELLTechnologies

Specialist - Platform Engineer, XtremIO Version 2.0

Certification Description

[Proven Professional Website](#)

Engage with your peers in our [Proven Professional Community](#).

Overview

This certification focuses on the knowledge and activities involved in installing, maintaining, expanding and upgrading second generation of XtremIO products called X2. This includes physical installation, initial configuration, verifying health status, FRU replacement procedures, and Non-disruptive Upgrade procedures.

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 level exam on or after June 14, 2019:
   - [E20-668 XtremIO Specialist Exam for Platform Engineers](#)

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.

Dell Inc.
Hopkinton
Massachusetts
01748-9103
1-508-435-1000
In North America
1-866-464-7381

DELLTechnologies

E20-668 Specialist - Platform Engineer, XtremIO Exam

Exam Description

Duration
90 Minutes
(~ 68 Questions)

Pass Score: 63

Practice Test
Exam – E20-668

Schedule Exam

Dell Inc.
Hopkinton
Massachusetts
01748-9103
1-508-435-1000
In North America
1-866-464-7381

Overview
This exam is a qualifying exam for the **Specialist - Platform Engineer, (DCS-PE)** track.

This certification focuses on the knowledge and activities involved in installing, maintaining, expanding and upgrading second generation of XtremIO products called X2. This includes physical installation, initial configuration, verifying health status, FRU replacement procedures, and Non-disruptive Upgrade procedures.

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.

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

- XtremIO and X2 6.2

Exam Topics
Topics likely to be covered on this exam include:

Overview of XtremIO and X2 Features (8.1%)
- Compare and contrast capabilities of XtremIO and X2
- Compare and contrast XtremIO and X2 GUIs, focusing on updates for X2
- Identify XttremIO and X2 models

XtremIO and X2 Hardware Fundaments (13.5%)
- Describe hardware designs
- Identify IB switch options
- Describe BBU options including SuperCap
- Describe DAE capacities
- XtremIO X2 configurations and port management

XtremIO and X2 Installation (21.6%)
- Installation resource requirements
- Component racking – single rack
- Dispersed cluster requirements and component racking
- Component cabling – single X-Brick cluster
- Multi X-Brick cluster component cabling, including space between IB switches
- Component cabling for site facilities
- Power and Storage Controller IP assignment

XtremIO and X2 Initial Configuration (16.2%)
- XtremIO management Server (XMS) deployment
- XMS support and deployment options and related warnings and precautions
- Easy-CLI install options
- XtremApp installation
- Cluster installation and verification
- ESRS and ESRS VE configuration

XtremIO and X2 Maintenance (27%)
- Resource identification
- Power procedures
- Determining cluster health state and failure tolerances for components
- Cluster IP address modification
- Storage Controller FRU
- DAE FRU
- BBU FRU
- InfiniBand FRU
- Technician Advisor – installation and operations, including running HealthCheck

XtremIO Online Cluster Expansion (13.4%)
- Online cluster expansion resources
- Preparing for online cluster expansion, including prerequisites
- Online cluster expansion process – single X-Brick to dual X-Brick
- Online cluster expansion process – multi X-Brick to multi X-Brick

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.

All audiences:
Please complete all of the following courses

Course Title	Course Number	Mode	Available
XtremIO Fundamentals	MR-1WP-XIOFUND	eLearning	4/4/16
XtremIO X2 Fundamentals	MR-1WP-XIO2FUND	eLearning	5/2/19
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
XtremIO Hardware Fundamentals	MR-7WP-XIOHWFUN	eLearning	4/4/16
XtremIO X2 Hardware Concepts and Features	MR-7WP-XIO2HWFUN	eLearning	5/02/19
XtremIO Installation	MR-7WP-XIOINSTL	eLearning	4/4/16
XtremIO X2 Installation	MR-7WP-XIO2INSTL	eLearning	8/30/17

XtremIO Initial Configuration	MR-7WP-XIOINITC	eLearning	4/4/16
XtremIO X2 Initial Configuration	MR-7WN-XIO2MAINT	eLearning	8/30/17
XtremIO Maintenance	MR-7WN-XIOMAINT	eLearning	4/4/16
XtremIO X2 Maintenance	MR-7WN-XIO2MAINT	eLearning	8/30/17
XtremIO Online Cluster Expansion	MR-1WP-XTRMOCE	eLearning	5/23/16

Note: These details reflect exam content 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.