EDUSUM

#1 Online Certification Guide

E20-526

XtremIO Solutions and Design Specialist

A Success Guide to Prepare-
Dell EMC XtremIO Solutions and Design Specialist for Technology Architect

edusum.com

Table of Contents

Introduction to E20-526 Exam on Dell EMC XtremIO Solutions and Design Specialist for Technology Architect

Use this quick start guide to collect all the information about Dell EMC XtremIO Solutions and Design Specialist (E20-526) Certification exam. This study guide provides a list of objectives and resources that will help you prepare for items on the E20-526 Dell EMC XtremIO Solutions and Design Specialist for Technology Architect exam. The Sample Questions will help you identify the type and difficulty level of the questions and the Practice Exams will make you familiar with the format and environment of an exam. You should refer this guide carefully before attempting your actual Dell EMC DECS-TA certification exam.

The Dell EMC XtremIO Solutions and Design Specialist certification is mainly targeted to those candidates who want to build their career in XtremIO Solutions domain. The Dell EMC Certified Specialist - Technology Architect - XtremIO Solutions exam verifies that the candidate possesses the fundamental knowledge and proven skills in the area of Dell EMC DECS-TA.

Dell EMC E20-526 Certification Details:

Exam Name	Dell EMC Certified Specialist - Technology Architect - XtremIO Solutions
Exam Code	E20-526
Exam Price	$200 (USD)
Duration	90 min
Number of Questions	60
Passing Score	63%
Books / Training	XtremIO Infrastructure Solutions (MR-7TP-XIO2INFSOL) XtremIO Solutions Design (MR-7TP-XIO2SD)
Schedule Exam	Pearson VUE
Sample Questions	Dell EMC XtremIO Solutions and Design Specialist Sample Questions
Practice Exam	**Dell EMC E20-526 Certification Practice Exam**

Dell EMC E20-526 Exam Syllabus:

Topic	Details	Weights
XtremIO and X2 Operations and Management	- Identify and describe XtremIO X2 hardware and software components - Describe architectural differences between XtremIO and X2 - Describe the XtremIO X2 Management Server - Manage XtremIO X2 with the GUI and with the CLI - Data in NVRAM - protection, operation - Describe multi-cluster XtremIO X2 management	20%
Host Configurations in XtremIO and X2 Environments	- Describe common host configurations; such as HBAs, multipathing, etc. - Describe the unique configuration associated with the ESXi operating system - Describe other OS configurations such as Microsoft Windows, Linux, Sun Solaris, IBM AIX, and HP-UX	15%
XtremIO X2 Data Replication	- Describe the operation and management of XtremIO X2 snapshots - Describe the operation and management of RecoverPoint for local and remote replication with XtremIO X2	7%
XtremIO X2 Optimization and Performance Management	- Performance overview, XtremIO X2 architecture, and describe the environmental/host tools as well as the available benchmarking tools - List the components of Technical Support page, matrixes, documentation, E-Lab and other pieces of XtremIO Support structure - Explain how an XtremIO X2 Proof of Concept (PoC) is managed	6%
Positioning XtremIO and X2	- Describe the benefits of All-Flash arrays and XtremIO - Describe usage of XMS Simulator - what to demo, when to use it - Explain the benefits of post-processing operations - Demonstrate the value of XDP – performance - Describe the XtremIO X2 features such as deduplication, compression, encryption, etc.	12%
Data Gathering and Analysis	- Identify and capture the customer requirements and document the environment - Identify and describe the data gathering tools and practices - Identify the data analysis tools and how they are	13%

Topic	Details	Weights
	used to analyze the data - Position an XtremIO X2 solution to meet the customer's requirements	
Designing an XtremIO X2 Solution	- Performance Design Considerations - Design an XtremIO X2 solution to include features such as deduplication, compression, encryption, etc.; including replication - Design an XtremIO X2 solution for VDI environments - Design an XtremIO X2 solution for database environments - Design for scalability - Describe the Cloud and Platform 3 (P3) design considerations in an XtremIO X2 solution	27%

E20-526 Sample Questions:

01. Which level of granularity does XtremIO X2 deduplication run?
a) Variable 8 kB
b) Variable 32 kB
c) Fixed 16 kB
d) Fixed 32 kB

02. A customer needs to replace an SSD in an XtremIO X2 DAE. Upon investigation it is discovered that the DAE has no cover. How many minutes can the DAE stay open before an overheating condition occurs?
a) 5
b) 10
c) 15
d) 30

03. On which operating systems can the default logical block size for an XtremIO volume be adjusted?
a) HP-UX, AIX, and Solaris
b) VMware, AIX, and HP-UX
c) Linux, Solaris, and HP-UX
d) Linux, Windows, and Solaris

04. What is a benefit of XtremIO data protection?
a) Data duplication
b) Better protection than RAID 6
c) Encryption operation
d) Post-process operations

05. A customer has decided to standardize their Virtual Desktop Infrastructure on Citrix XenDesktop technology. The Citrix XenDesktop is using XtremIO X2 as the storage infrastructure.
Which recommended best practice should be followed to achieve optimal performance for the virtual desktops?
a) Use Active Directory without dynamic updates
b) Use thin provisioned virtual disks
c) Use dynamic-size virtual disks
d) Use dynamic-size virtual disks

06. What is the recommended HBA queue depth setting for a VMWare server connected to an XtremIO array with an Emulex HBA?
a) 64
b) 128
c) 256
d) 512

07. In a fully populated XtremIO X2 DAE, how many additional SSDs will be present as compared to a fully populated XtremIO DAE?
a) 11
b) 29
c) 35
d) 47

08. Which technology has the highest capacity overhead?
a) RAID 1
b) RAID 5
c) RAID 6
d) XDP

09. How many bits are used in calculating the fingerprint for an 16 kB data block on XtremIO?
a) 128
b) 160
c) 192
d) 256

10. For Solaris 11.2 hosts running ZFS, what is the recommended change to the physical block size when connecting to an XtremIO cluster running 3.0.0-44 (or later)?
a) Change the LUN physical sector size to 512
b) Change the ZFS logical structure to 256
c) Align the OS LUN physical sector size with the ZFS logical structure
d) Change the ZFS logical structure to 1024

Answers to E20-526 Exam Questions:

Question: 01 Answer: c	Question: 02 Answer: a	Question: 03 Answer: d	Question: 04 Answer: b	Question: 05 Answer: d
Question: 06 Answer: b	Question: 07 Answer: d	Question: 08 Answer: a	Question: 09 Answer: b	Question: 10 Answer: c

Note: If you find any typo or data entry error in these sample questions, we request you to update us by commenting on this page or write an email on feedback@edusum.com