



E20-526^{Q&As}

XtremIO Solutions and Design Specialist Exam for Technology Architects

Pass EMC E20-526 Exam with 100% Guarantee

Free Download Real Questions & Answers **PDF** and **VCE** file from:

<https://www.passapply.com/e20-526.html>

100% Passing Guarantee
100% Money Back Assurance

Following Questions and Answers are all new published by EMC
Official Exam Center

- ⚙ **Instant Download** After Purchase
- ⚙ **100% Money Back** Guarantee
- ⚙ **365 Days** Free Update
- ⚙ **800,000+** Satisfied Customers





QUESTION 1

What is considered typical performance for an XtremIO single X-Brick cluster?

- A. Small block writes: 200k-250k IOPs. Large block reads: up to 2.5 GB/s
- B. Small block writes: 200k-250k IOPs. Large block writes: up to 2.5 GB/s
- C. Small block reads: 200k-250k IOPs. Large block writes: up to 2.5 GB/s
- D. Small block reads: 200k-250k IOPs. Large block reads: up to 2.5 GB/s

Correct Answer: C

Choose an EMC XtremIO system and scale out linearly by adding more XtremIO X-Bricks.

System	Raw Capacity	Read/Write IOPS	Read IOPS
Starter X-Brick	5 TB	150K	250K
1 X-Brick	10, 20, or 40 TB	150K	250K
2 X-Brick Cluster	20, 40, or 80 TB	300K	500K
4 X-Brick Cluster	40, 80, or 160 TB	600K	1M
6 X-Brick Cluster	120 or 240 TB	900K	1.5M
8 X-Brick Cluster	160 or 320 TB	1.2M	2M

References: <https://store.emc.com/en-us/Product-Family/EMC-XtremIO-Products/EMC-XtremIO-All-FlashScale-Out-Array/p/EMC-XtremIO-Flash-Scale-Out>

QUESTION 2

What is the maximum speed of the Fibre Channel ports on an XtremIO storage controller?

- A. 2 Gb/s
- B. 4 Gb/s
- C. 8 Gb/s
- D. 16 Gb/s

Correct Answer: C

Each Storage Controller includes two 8Gb/s Fibre Channel (FC) ports.

References: Introduction to the EMC XtremIO STORAGE ARRAY (April 2015), page 8



QUESTION 3

A new 500 GB VM disk is created on a database that resides on an XtremIO LUN. The VMware administrator plans to provision the disk using the thick provisioned eager zeroed format.

How much physical XtremIO capacity will be allocated during this process?

- A. 5 GB
- B. 10 GB
- C. 50 GB
- D. None

Correct Answer: D

XtremIO storage is natively thin provisioned, using a small internal block size. This provides fine-grained resolution for the thin provisioned space. All volumes in the system are thin provisioned, meaning that the system consumes capacity only when it is actually needed. XtremIO determines where to place the unique data blocks physically inside the cluster after it calculates their fingerprint IDs. Therefore, it never preallocates or thick-provisions storage space before writing.

References: Introduction to the EMC XtremIO STORAGE ARRAY (April 2015), page 22

QUESTION 4

When creating XtremIO volumes for a host, which operating systems will benefit by changing the default logical block size for applications consisting of 4 KB I/Os?

- A. Microsoft Windows and RHEL
- B. VMware ESX and Microsoft Windows
- C. RHEL and IBM AIX
- D. Sun Solaris and HP-UX

Correct Answer: B

With VMware ESX 5.5, the VMware hypervisor cannot work with LUNs that use a logical block size of 4K. When using VMware, be sure to specify Normal (512 LBs) from your XtremIO array.

References: <https://gruffdba.wordpress.com/2015/08/02/4k-logical-block-size-size-fails-on-vmware/>

QUESTION 5

An XtremIO administrator is having a problem with performance and is troubleshooting the issue. What is an accurate statement about I/O transfers?

- A. As I/O size increases, IOPs increase, and latency increases
- B. As I/O size increases, IOPs decrease, and bandwidth increases



C. As I/O size decreases, IOPs increase, and bandwidth increases

D. As I/O size decreases, IOPs decrease, and latency increases

Correct Answer: A

Large block I/O by nature incurs higher latency.

References: Introduction to the EMC XtremIO STORAGE ARRAY (April 2015), page 6

[Latest E20-526 Dumps](#)

[E20-526 PDF Dumps](#)

[E20-526 Braindumps](#)