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QUESTION 1

You have conducted a meeting with a company's Chief Technology Officer (CTO). The CTO wants an XtremIO solution to meet their business needs. The CTO wants you to review the proposed solution with their desktop administrator to identify any additional requirements.

What are two key considerations to discuss with the desktop administrator?

- A. Rapid desktop deployment and operational ease of use
- B. Application response time and rapid boot times
- C. Sufficient capacity and performance
- D. Ease of management and ability to customize end-user desktops

Correct Answer: BC

QUESTION 2

A customer wants to use the Cinder driver to manage XtremIO storage in an OpenStack environment. What is a potential concern?

- A. Compression is not supported
- B. Deduplication is not supported
- C. Snapshots of snapshots are not supported
- D. Volume expansion cannot be reversed

Correct Answer: D

Incorrect Answers:

B: OpenStack Cinder features include:

Clone a volume: With inline deduplication, compression and thin provisioning.

C, D: EMC XtremIO OpenStack Block Storage driver, supported operations: Create, delete, clone, attach, and detach volumes Create and delete volume snapshots Create a volume from a snapshot Copy an image to a volume Copy a volume to an image Extend a volume

References: <https://docs.openstack.org/juno/config-reference/content/XtremIO-cinder-driver.html>

<https://www.emc.com/collateral/data-sheet/h13287-ds-xtremio-openstack.pdf>

QUESTION 3

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 4

When using XtremIO storage with Solaris (SPARC), what is the EMC recommended I/O size that will deliver sequential I/O more efficiently to XtremIO?

- A. 1 MB
- B. 2 MB
- C. 4 MB
- D. 8 MB

Correct Answer: C

EMC recommended setting for Solaris include that the /etc/system file be modified to include the following parameter:

* Set maximum IO size

set maxphys = 0x400000

This also requires increase of the maximum I/O size for the disk driver. The corresponding entry and file for this change are different for different Solaris versions, as follows:

For Solaris 10 (SPARC):

File: /kernel/drv/ssd.conf

Setting: `ssd_max_xfer_size=0x400000;`

For Solaris 10 (x86):

File: /kernel/drv/sd.conf

Setting: `sd_max_xfer_size=0x400000;`

Etc.

References: EMC Host Connectivity Guide for Oracle Solaris, page 167

<https://www.emc.com/collateral/TechnicalDocument/docu5132.pdf>



QUESTION 5

A customer currently uses XtremIO native remote replication with four RPAs and a 1 GB WAN link to asynchronously protect all production data. Management has decided that all data stored on the XtremIO must now be protected at the disaster recovery site by synchronous replication.

How can this be achieved?

- A. Set the Link Policy to Synchronous, Dynamic by throughput
- B. Purchase four additional RPAs.
- C. Set the Link Policy to Synchronous, Dynamic by latency
- D. Use a VPLEX splitter

Correct Answer: D

XtremIO with VPLEX provides for both synchronous and asynchronous replication.

Note: The engine of RecoverPoint is the RecoverPoint Appliance (RPA).

Incorrect Answers:

A, B, C: XtremIO with Physical RPA - No Synchronous option available, only asynchronous replication as this uses snapshot shipping.

References: Introduction to the EMC XtremIO STORAGE ARRAY (April 2015), page 55

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