



Free Questions for E20-526 by vceexamstest

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Question 1

Question Type: MultipleChoice

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?

Options:

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

Answer:

B

Explanation:

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 2

Question Type: MultipleChoice

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

Options:

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

Answer:

D

Question 3

Question Type: MultipleChoice

A storage administrator wants to re-use some of their XtremIO thin provisioned disks attached to a Microsoft Windows 2012 host. However, the administrator notices that "Quick Format" of the drives is taking a long time to complete. This has an impact on the overall performance.

What should be recommended to minimize the performance impact?

Options:

- A- Disable the I/O elevator feature on the Windows host while formatting
- B- Temporarily disable the UNMAP feature on the Windows host during formatting
- C- Adjust the execution throttle value on the Windows host
- D- Change the disk format to thick provisioned

Answer:

B

Explanation:

It is related to TRIM/UNMAP, which is enabled per default in Server 2012(R2).

References:<https://serverfault.com/questions/679211/quick-format-of-lun-in-server-2012r2-hosted-on-a-thin-provisioned-san-vol-take>

Question 4

Question Type: MultipleChoice

What are common storage array mechanisms?

Options:

- A- Log structuring and RAID
- B- Post-processing and metadata logging
- C- RAID and metadata log structuring
- D- Metadata logging and RAID

Answer:

B

Explanation:

XtremIO's snapshot technology is implemented by leveraging the content-aware capabilities of the system (Inline Data Reduction), optimized for SSD media, with a unique metadata tree structure.

XtremIO leverages a proprietary flash-optimized data protection algorithm (XtremIO Data Protection or XDP), which provides performance that is superior to any existing RAID algorithm.

References: Introduction to the EMC XtremIO STORAGE ARRAY (April 2015), page 33

Question 5

Question Type: MultipleChoice

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

Options:

A- 2 Gb/s

B- 4 Gb/s

C- 8 Gb/s

D- 16 Gb/s

Answer:

C

Explanation:

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

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

Question 6

Question Type: MultipleChoice

As shown in the exhibit, a customer's environment is configured as follows:

What should be the host queue depth setting per path?

Options:

A- 64

B- 128

C- 256

D- 1024

Answer:

C

Explanation:

The queue depth is perLUN, and not perinitiator. Here there are 64 LUNs, each visible through 4 paths, which would indicate that 256 is a good choice for the queue depth setting.

Note: As a general advice, for optimal operation with XtremIO storage, consider the following: Set the queue depth to 256.

References:<https://www.emc.com/collateral/white-paper/h14583-wp-best-practice-sql-server-xtremio.pdf>

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