



Free Questions for E20-526

Shared by Mccoy on 15-04-2024

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## Question 1

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Question Type: MultipleChoice

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An administrator receives an error on an XtremIO array while performing snapshot refreshes to a production volume. What is a potential cause for this issue?

Options:

- A- Refresh of the production volume is not supported
- B- Volume was not unmapped on the XtremIO cluster
- C- Only snapshot-to-snapshot refresh is supported
- D- Volume was not unmounted on the host

Answer:

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D

Explanation:

The workflow for refreshing XtremIO Snapshots, containing Oracle Database files, consists of the following five simple steps:

1. Shut down the database instances with files in the target Snapshot Set.
2. Dismount the ASM disk group (or file systems) involved.
3. Refresh the Snapshot via XtremIO GUI (or CLI or RESTful API).
4. Mount the ASM disk groups (or file system) involved.
5. Start the database instances.

This entire workflow is measured in seconds (not minutes).

## Question 2

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Question Type: MultipleChoice

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Where is the XtremIO VSS hardware provider package installed?

Options:

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- A- On all X-Bricks in the cluster
- B- On the XMS
- C- Factory-installed on the array
- D- On the backup server

Answer:

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D

Explanation:

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In order to use the XtremIO VSS provider it must be installed on the server where we want to do an application consistent snapshot.

References:<http://muegge.com/blog/tag/xtremio/>

## Question 3

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Question Type: MultipleChoice

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A customer is interested in purchasing XtremIO for their mission critical database applications that require the lowest possible response times. They have two data centers in which they want to introduce All-Flash arrays. However, they need a way to maintain true active/active access to all databases and application LUNs across both sites.

What is the recommended solution to address the requirements?

Options:

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- A- ViPR Controller with XtremIO
- B- RecoverPoint with XtremIO
- C- VPLEX Metro with XtremIO
- D- ViPR SRM with XtremIO

Answer:

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C

### Explanation:

The EMC VPLEX family is the next-generation solution for data mobility and access within, across and between data centers.

VPLEX supports two configurations, local and metro. In the case of VPLEX Metro with the optional VPLEX Witness and Cross-Connected configuration, applications continue to operate in the surviving site with no interruption or downtime. Storage resources virtualized by VPLEX cooperate through the stack, with the ability to dynamically move applications and data across geographies and service providers.

## Question 4

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Question Type: MultipleChoice

A customer has two XtremIO clusters running 3.x software release. The customer just purchased a new XtremIO array that will be installed with the latest 4.x software release.

What is the minimum number of XtremIO Management Server(s) that will be required to manage all clusters?

### Options:

- A- 1
- B- 2
- C- 3
- D- 4

### Answer:

C

### Explanation:

The system operation is controlled via a stand-alone dedicated Linux-based server, called the XtremIO Management Server (XMS). A single XMS can manage multiple clusters. Multiple cluster management is supported from version 4.0 and up. System version 4.0 supports up to eight clusters managed by an XMS in a given site.

References: Introduction to the EMC XtremIO STORAGE ARRAY (April 2015), page 48

## Question 5

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Question Type: MultipleChoice

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A customer is considering a six brick dispersed cluster using 340U racks. The customer wants advice on racking the InfiniBand switches.

Which recommendation should be provided?

Options:

- A- Install the InfiniBand switches in Rack 1 with a 1U placeholder between the switches.
- B- Install an InfiniBand switch in Racks 1 and 3 with a 1U placeholder between the X-Bricks.
- C- Install the InfiniBand switches in Rack 2 with a 1U placeholder between the switches.
- D- Install the InfiniBand switches in Rack 3 with a 2U placeholder between the switches

Answer:

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B

## Question 6

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Question Type: MultipleChoice

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At which point is data compressed when a host sends data to the XtremIO storage system?

Options:

- A- Inline before data is written to the SSD
- B- Once data is written to the storage controller
- C- After data is written to the SSDs
- D- After data is in SSD cache

Answer:

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A

Explanation:

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XtremIO inline data deduplication and inline data compression services are inline, all the time.

References:<https://www.emc.com/collateral/faq/faq-million-dollar-guarantee-rp-2016.pdf>

## Question 7

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Question Type: MultipleChoice

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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:

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B

Explanation:

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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 8

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Question Type: MultipleChoice

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What is a method to establish an XMCLI session?

### Options:

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- A- Use the PuTTY SSH tool configured for the serial port and xmsupload credentials
- B- Use the Telnet SSH tool configured on Port 443 and root credentials
- C- Use the CLI terminal in the Administration tab and root credentials
- D- Use the PuTTY SSH tool configured for Port 22 and xmsadmin credentials

### Answer:

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D

### Explanation:

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The system's Command Line Interface (CLI) allows administrators and other system users to perform supported management operations. It is preinstalled on the XMS and can be accessed using the standard SSH protocol.

PuTTY is an SSH and telnet client.

The standard TCP port 22 has been assigned for contacting SSH servers.

You can login using the builtin xmsadmin account.

References: Introduction to the EMC XtremIO STORAGE ARRAY (April 2015), page 50



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