



**Free Questions for E20-526 by actualtestdumps**

**Shared by Powell on 29-01-2024**

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# Question 1

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## Question Type: MultipleChoice

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A storage administrator has 20 TB of storage provisioned to their ESXi cluster from a 10 TB XtremIO storage array. The administrator is concerned about running out of physical capacity on the XtremIO.

Which recommendation will assist the administrator?

### Options:

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- A- Enable VAAI TPSTUN
- B- Increase the compression ratio on the XtremIO
- C- Disable VAAI XCOPY
- D- Thick provisioned eager zero all VM virtual disks

### Answer:

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A

### Explanation:

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TPSTUN is a VAAI primitive that enables the array to notify vSphere when a LUN is running out of space due to thin provisioning over-commit. The command causes suspending all virtual machines on that LUN. XtremIO supports this VAAI primitive.

## Question 2

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**Question Type:** MultipleChoice

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Who developed the framework for testing All-Flash arrays that is used in the XtremIO PoC?

**Options:**

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- A- EMC
- B- Seagate
- C- Micron
- D- IDC

**Answer:**

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D

## Explanation:

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IDC outlines a criteria some criteria for selecting a testing tool:

- \* Generate workloads

- \* Capture results for analysis:

Throughput

IOPS

Latency

Etc.

References:[http://info.xtremio.com/rs/xtremio/images/IDC\\_Flash\\_Array\\_Test\\_Guide.pdf](http://info.xtremio.com/rs/xtremio/images/IDC_Flash_Array_Test_Guide.pdf)

## Question 3

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**Question Type:** MultipleChoice

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A customer's storage administration team wants to receive e-mail notifications when the XtremIO cluster detects an issue of major severity. The customer has successfully configured and tested the e-mail server in the XtremIO GUI. However, the e-mail server is not

receiving the expected notifications when major severity issues appear.

What is the cause of this issue?

**Options:**

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- A- Alert definitions have not been defined
- B- Event handlers have not been defined
- C- Public reports have not been defined
- D- Private reports have not been defined

**Answer:**

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A

## Question 4

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**Question Type: MultipleChoice**

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What is a characteristic of the XtremIO Snapshot feature?

### Options:

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- A- Snapshots may be deleted in any order
- B- Snapshots can only be deleted in reverse creation order
- C- Only one snapshot may be created or deleted at a time
- D- Snapshots can be restored

### Answer:

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D

### Explanation:

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Any copy in the hierarchy tree can be deleted without effecting the parents or children.

## Question 5

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**Question Type:** MultipleChoice

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Which actions are initiated when a snapshot is created on an XtremIO array?

### Options:

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- A- Parent object becomes read only and two auxiliary volumes are created
- B- Parent object remains writeable and one auxiliary volume is created
- C- Parent object remains writeable and two auxiliary volumes are created
- D- Parent object becomes read only and one auxiliary volume is created

### Answer:

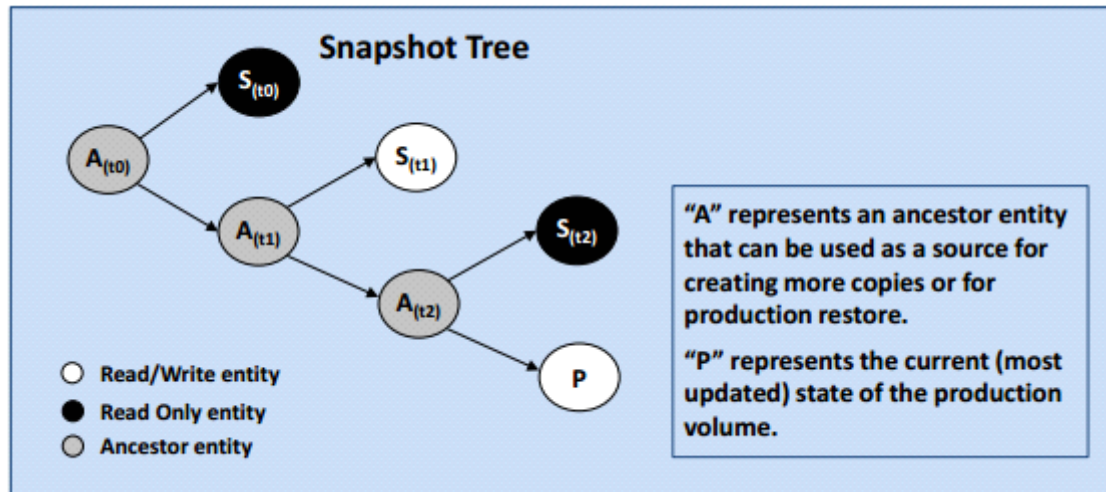
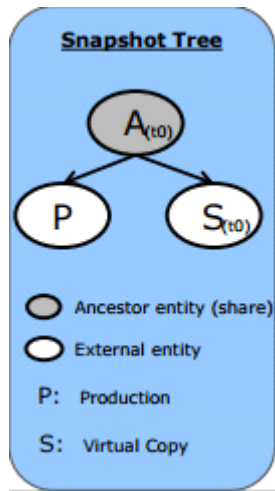
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A

### Explanation:

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When a copy is created, the volume's existing metadata becomes an 'ancestor' entity (parent object) that is shared between the production volume and the copy. New empty containers are created for subsequent changes to both the production volume and the virtual copy volume. Therefore, the act of creating a copy is instantaneous and involves no data or metadata copies.



References: <https://www.emc.com/collateral/white-paper/h13035-wp-introduction-to-xtremio-snapshots.pdf>, pages 18



## Question 6

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**Question Type:** MultipleChoice

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A storage administrator is adding both an XtremIO and third-party storage arrays to their existing infrastructure. The administrator is using ViPR SRM to monitor the environment.

Which requirement is needed to implement this solution?

### Options:

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- A- A single third-party Solution Pack is required to manage both storage arrays
- B- Each storage needs its own Solution Pack
- C- Each storage array requires two Solution Packs; one for monitoring and one for performance
- D- A single XtremIO Solution Pack is required to manage both storage arrays

### Answer:

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B

### Explanation:

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## Question 7

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**Question Type:** MultipleChoice

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

### Options:

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- 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

### Answer:

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C

## Explanation:

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

<b>System</b>	<b>Raw Capacity</b>	<b>Read/Write IOPS</b>	<b>Read IOPS</b>
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-Flash-Scale-Out-Array/p/EMC-XtremIO-Flash-Scale-Out>

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