



E20-526^{Q&As}

XtremIO Solutions and Design Specialist Exam for Technology Architects

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QUESTION 1

A customer has purchased a two X-Brick XtremIO array with a physical XtremIO Management Server (XMS). The customer plans to use all Fibre Channel connectivity in the environment.

What are the physical connectivity requirements for the cluster?

- A. 1 Copper Ethernet connection, 4 Fibre Channel Optical connections
- B. 3 Copper Ethernet connections, 8 Fibre Channel Optical connections
- C. 4 Copper Ethernet connections, 16 Fibre Channel Optical connections
- D. 5 Copper Ethernet connections, 8 Fibre Channel Optical connections

Correct Answer: B

EMC XTREMIO 4.0 SYSTEM SPECIFICATIONS

| Host Connectivity (Based on number of X-Bricks in the array) | Starter X-Brick | 1 X-Brick | 2 X-Brick Cluster | 4 X-Brick Cluster | 6 X-Brick Cluster | 8 X-Brick Cluster |
|---|-----------------|-----------|-------------------|-------------------|-------------------|-------------------|
| Fibre Channel Ports (8Gbps) | 4 | 4 | 8 | 16 | 24 | 32 |
| iSCSI Ethernet Ports (10Gbps) | 4 | 4 | 8 | 16 | 24 | 32 |

| Management | Starter X-Brick | 1 X-Brick | 2 X-Brick Cluster | 4 X-Brick Cluster | 6 X-Brick Cluster | 8 X-Brick Cluster |
|-------------------------------|-----------------|-----------|-------------------|-------------------|-------------------|-------------------|
| Ethernet Ports (1Gbps) | 2 | 2 | 4 | 8 | 12 | 16 |

References: <http://www.aecf.com/AECWeb/media/Assets/PDF/h12451-xtremio-4-system-specificationsss.pdf>

QUESTION 2

What are common storage array mechanisms?

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

Correct Answer: B

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 3

A customer is considering a six brick dispersed cluster using 3?0U racks. The customer wants advice on racking the InfiniBand switches. Rack 1 (left) contains X-Bricks 1 and 2 Rack 2 (middle) contains X-Bricks 3 and 4 Rack 3 (right) contains X-Bricks 5 and 6

Which recommendation should be provided?

- 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

Correct Answer: B

QUESTION 4

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 5

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?

- 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

Correct Answer: A

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