



QUESTION & ANSWER

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Exam : E22-258

**Title : XtremIO 3.x Flash Storage
Solutions**

Version : DEMO

1. In an XtremIO quad X-Brick cluster, what is the required number of BBUs?

- A. 2
- B. 4
- C. 6
- D. 8

Answer: B

Explanation:

| System Specifications | Starter X-Brick | 1 X-Brick | 2 X-Brick Cluster | 4 X-Brick Cluster | 6 X-Brick Cluster | 8 X-Brick Cluster |
|-------------------------------|-----------------------|-----------|-------------------|-------------------|-------------------|-------------------|
| N-way Active Controllers | 2 | 2 | 4 | 8 | 12 | 16 |
| SSD enclosures (25 SSDs each) | 1 | 1 | 2 | 4 | 6 | 8 |
| Number of SSDs | 13 (expandable to 25) | 25 | 50 | 100 | 150 | 200 |
| Battery Backup Units | 2 | 2 | 2 | 4 | 6 | 8 |
| Infiniband Switches | 0 | 0 | 2 | 2 | 2 | 2 |

<https://www.emc.com/collateral/data-sheet/h12451-xtremio-4-system-specifications-ss.pdf>

2. What is the number of BBUs required for an XtremIO dual X-Brick cluster?

- A. 2
- B. 4
- C. 6
- D. 8

Answer: A

Explanation:

| System Specifications | Starter X-Brick | 1 X-Brick | 2 X-Brick Cluster | 4 X-Brick Cluster | 6 X-Brick Cluster | 8 X-Brick Cluster |
|-------------------------------|-----------------------|-----------|-------------------|-------------------|-------------------|-------------------|
| N-way Active Controllers | 2 | 2 | 4 | 8 | 12 | 16 |
| SSD enclosures (25 SSDs each) | 1 | 1 | 2 | 4 | 6 | 8 |
| Number of SSDs | 13 (expandable to 25) | 25 | 50 | 100 | 150 | 200 |
| Battery Backup Units | 2 | 2 | 2 | 4 | 6 | 8 |
| Infiniband Switches | 0 | 0 | 2 | 2 | 2 | 2 |

<https://www.emc.com/collateral/data-sheet/h12451-xtremio-4-system-specifications-ss.pdf>

3. In an XtremIO environment, how many InfiniBand switches are configured in a quad X-Brick cluster?

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

Answer: B

Explanation:

| System Specifications | Starter X-Brick | 1 X-Brick | 2 X-Brick Cluster | 4 X-Brick Cluster | 6 X-Brick Cluster | 8 X-Brick Cluster |
|-------------------------------|-----------------------|-----------|-------------------|-------------------|-------------------|-------------------|
| N-way Active Controllers | 2 | 2 | 4 | 8 | 12 | 16 |
| SSD enclosures (25 SSDs each) | 1 | 1 | 2 | 4 | 6 | 8 |
| Number of SSDs | 13 (expandable to 25) | 25 | 50 | 100 | 150 | 200 |
| Battery Backup Units | 2 | 2 | 2 | 4 | 6 | 8 |
| Infiniband Switches | 0 | 0 | 2 | 2 | 2 | 2 |

<https://www.emc.com/collateral/data-sheet/h12451-xtremio-4-system-specifications-ss.pdf>

4.How many SSDs are located in each XtremIO storage controller?

- A. 0
- B. 1
- C. 2
- D. 4

Answer: A

Explanation:

Each Storage Controller includes:

- o Two redundant power supply units (PSUs)
- o Two 1/10GbE iSCSI ports
- o Two user interface interchangeable ports, either 4/8/16Gb FC or 1/10GbE iSCSI
- o Two 56Gb/s InfiniBand ports
- o One 100/1000/10000 Mb/s management port

<https://www.emc.com/collateral/white-papers/h16444-introduction-xtremio-x2-storage-array-wp.pdf>

5.What is the size of the data blocks sent to the SSDs after processing by the XtremIO storage controller if the XtremIO array is configured with 3.0.x code?

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

Answer: D