E20-526 Q&As

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QUESTION 1

Based on XtremIO Data Protection, how many dedicated hot spare disks per X-Brick are required?

A. 0

B. 1

C. 2

D. 3

Correct Answer: A

XtremIO Data Protection (XDP) doesn\\'t require any configuration, nor does it need hot spare drives. Insteadit uses "hot spaces" ?free space in the array.

References: https://www.emc.com/collateral/white-paper/h13036-wp-xtremio-data-protection.pdf , page 23

QUESTION 2

You are designing an XtremIO solution for a potential customer. If the server and storage information is available, which information should be documented regarding the customer\\'s capacity expectations?

A. Capacity requirements on a per data center basis Expandability/scalability Performance requirements determined on a server-to-server basis

B. Capacity requirements on a per volume basis Expandability/scalability Performance requirements determined on a server-to-server basis

C. Capacity requirements on a per volume basis Compression rates/scalability Performance requirements determined on a server-to-server basis

D. Capacity requirements on a per data center basis Expandability/scalability Performance requirements determined holistically

Correct Answer: B

QUESTION 3

A customer\\'s storage administration team wants to receive e-mail notifications when the XtremIO cluster detects an issue of major seventy. 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

QUESTION 4

When using the XtremIO PoC Toolkit, what is the purpose of the Age phase?

A. Continuously write to a specific range of logical block addresses to test Flash durability

B. Overwrite each LUN multiple times to ensure they contain all unique data

C. Test the performance of the All-Flash array with non-production static data

D. Scatter writes across the entire array to simulate ordinary use of the system

Correct Answer: D

Proceed with filesystem aging by doing random overwrite cycles.

QUESTION 5

A customer has recently deployed an XtremIO 20 TB two X-Brick cluster to run an existing instance of Oracle RAC previously leveraging VNX for back-end storage. The application environment uses a block size of 1 MB. Multiple tables are in use with the PARALLEL_DEGREE_POLICY variable set to AUTO.

The customer wants your help with tuning the DB_FILE_MULTIBLOCK_READ_COUNT parameter for best performance with XtremIO. Which values should be recommended for tuning the DB_FILE_MULTIBLOCK_READ_COUNT parameter in the Oracle RAC environment?

A. 8 or 16

B. 24 or 32

C. 64 or 128

D. 256 or 512

Correct Answer: C

Oracle Database performs I/O on data files in multiples of the database block size (db_block_size), which is 8KB by default. The default Oracle Database block size is optimal on XtremIO. XtremIO supports larger block sizes as well. In the case of multiblock I/O (e.g., table/index scans with access method full), one should tune the Oracle Database initialization parameter db_file_multiblock_read_count to limit the requests to 128KB. Therefore, the formula for db_file_multiblock_read_count is: db_file_multiblock_read_count = 128KB / db_block_size

In our case the block size is 1 MB, so the formula db_file_multiblock_read_count is 1 MB/ 8KB = 1024/8 = 128

References: https://www.emc.com/collateral/white-papers/h13497-oracle-best-practices-xtremio-wp.pdf, page 21