E20-526^{Q&As}

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QUESTION 1

Where is the XtremIO VSS hardware provider package installed?

A. On all X-Bricks in the cluster

B. On the XMS

C. Factory-installed on the array

D. On the backup server

Correct Answer: D

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 2

How many management IP addresses are required on a single XtremIO storage controller?

A. 1

B. 2

C. 3

D. 4

Correct Answer: A

References: https://docs.openstack.org/juno/config-reference/content/XtremIO-cinder-driver.html#xtremiomanagement-ip

QUESTION 3

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?

A. ViPR Controller with XtremIO

B. RecoverPoint with XtremIO

C. VPLEX Metro with XtremIO

D. ViPR SRM with XtremIO

Correct Answer: C

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.

Incorrect Answers:

A: EMC ViPR Controller is a software-defined storage platform that abstracts, pools and automates a data center\'s underlying physical storage infrastructure. It provides data center administrators with a single control plane for heterogeneous storage systems.

B: The EMC RecoverPoint family provides cost-effective, local continuous data protection (CDP), continuous remote replication (CRR), and continuous local and remote replication (CLR) that allows for any-point-in-time data recovery and a new "snap and replicate" mechanism for local and remote replication (XRP). This enables replication for high-performance, low-latency applications.

D: EMC ViPR SRM provides comprehensive monitoring, reporting and analysis for heterogeneous block, file and virtualized storage environments. It enables the users to visualize applications to storage dependencies, monitor and analyze configurations and capacity growth, and optimize their environment to improve return on investment.

References: Introduction to the EMC XtremIO STORAGE ARRAY (April 2015) , page 63

QUESTION 4

A new 500 GB VM disk is created on a database that resides on an XtremIO LUN. The VMware administrator plans to provision the disk using the thick provisioned eager zeroed format.

How much physical XtremIO capacity will be allocated during this process?

A. 5 GB

B. 10 GB

C. 50 GB

D. None

Correct Answer: D

XtremIO storage is natively thin provisioned, using a small internal block size. This provides fine-grained resolution for the thin provisioned space. All volumes in the system are thin provisioned, meaning that the system consumes capacity only when it is actually needed. XtremIO determines where to place the unique data blocks physically inside the cluster after it calculates their fingerprint IDs. Therefore, it never preallocates or thick-provisions storage space before writing.

References: Introduction to the EMC XtremIO STORAGE ARRAY (April 2015), page 22

QUESTION 5

A customer has a group of applications that need storage which can provide low response times. The total I/O requirements are 75,000 IOPs with a 4 kB block size. They will have 500 LUNs and need to keep 30 daily snapshots of

each LUN.

What is the smallest XtremIO configuration that will meet their needs?

A. 1 cluster with 2 X-Bricks

B. 1 cluster with 4 X-Bricks

C. 2 clusters with 1 X-Brick each

D. 2 clusters with 2 X-Bricks each

Correct Answer: A

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