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QUESTION 1

A cloud solution is being planned using the IBM Storwize family to provide storage for multiple clients on IBM Power and Intel hosts.

Which solution provides the necessary storage for the primary site and a disaster recovery location at a data center 1500 kilometers away?

A. Create a four node IBM Storwize V7000 cluster with one I/O Group at the primary data center and the other at the disaster recovery location. Use FlashCopy to copy the volumes from the primary I/O Group to the disaster recovery I/O Group.

B. Create volumeson IBM Storwize V7000 storage at the primary data center and use Global Mirror to create copies on an IBM Storwize V7000 at the disaster recovery location.

C. Create volume mirrors on IBM Storwize V7000 storage at the primary data center with virtualizedexternal IBM Storwize V3700 storage at the disaster recovery location.

D. Create volumes on IBM Storwize V7000 Storage at the primary data center and use Metro to create asynchronous copies on an IBM Storwize V5030 at the disaster recovery location.

Correct Answer: B

Metro Mirror and Global Mirror are technologies that enable you to keep a real-time copy of a disk at a remote site that contains another SVC Cluster or Storwize V7000 system.

Incorrect Answers

A: FlashCopy is a function that allows you to create a point-in-time copy of one of your SVC disks. This might be helpful when performing backups or application testing. These copies may be cascaded upon one another, read from, written to, and even reversed. These copies are able to conserve storage, if needed, by being space-efficient copies that only record items that have changed from the originals instead of full copies.

C: Volume Mirroring is a function designed to increase high availability of the storage infrastructure. It provides the ability to createup to two local copies of a volume.

References: IBM System Storage SAN Volume Controller and Storwize V7000 Replication Family Services, page 22
http://www.redbooks.ibm.com/redbooks/pdfs/sg247574.pdf

QUESTION 2

A company just completed an acquisition and now has FC attached storage from multiple vendors. The environments are isolated and storage administrators are unable to share resources across these environments.

Which IBM Storwize solution feature helps improve this situation?

A. Real-time Compression

B. Encryption

C. Tiered Storage Optimizer

D. External Virtualization

Correct Answer: D

By using external virtualization, you can consolidate FC SAN-attached disk controllers from various vendors into pools of storage. In this way, the storage administrator can manage and provision storage to applications from a single user interface and use a common set of advanced functions across all of the storage systems under the control of the IBM Storwize.

References: Implementing the IBM Storwize V5000 Gen2 (including the Storwize V5010, V5020, and V5030), page51 http://www.redbooks.ibm.com/redbooks/pdfs/sg248162.pdf

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QUESTION 3

The users within a department require a shared folder on their Windows desktop.

Which protocol accomplishes this requirement?

A. GPFS

B. CIFS

C. NFS

D. HTTPS

Correct Answer: B

You can connect to a CIFS share using a CIFS client, such as Microsoft Windows.

The Common Internet File System (CIFS) is the standard way that computer users share files across corporateintranets and the Internet. An enhanced version of the Microsoft open, cross-platform Server Message Block (SMB) protocol, CIFS is a native file-sharing protocol in Windows.

References:http://www.ibm.com/support/knowledgecenter/ST5Q4U/com.ibm.storwize.v700 0.unified.141.doc/usgr_cnnctng_via_cifs_frm_wndws.htmlhttps://technet.microsoft.com/en- us/library/ cc939973.aspx

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QUESTION 4

A customer is planning to purchase a new IBM Storwize V5030 system and is evaluating the host Ethernet connectivity requirements.

What is the standard Ethernet interface connection type capability for iSCSI host support in a base V5030 configuration?

A. 8 Gb connectivity

B. 10 Gb connectivity

C. 40 Gb connectivity

D. 16 Gb connectivity

Correct Answer: B

All Storwize V5000 second-generation control enclosures include support for 16 Gb FC, 12 Gb SAS, 10 Gb iSCSI/FCoE, and1 Gb iSCSI for additional I/O connectivity.

References:http://www-01.ibm.com/common/ssi/cgi-bin/ssialias?htmlfid=897/ENUS116009andinfotype=ANandsubtype=CA

QUESTION 5

Which component of the IBM Spectrum family helps a customer manage application-aware point-in-time copies on EMC, HDS, and the IBM Storwize family?

A. IBM Spectrum Protect Snapshot

B. IBM Copy Services Manager

C. IBM Spectrum Control with External Virtualization

D. IBM Spectrum Protect for SAN

Correct Answer: A

IBM Spectrum Protect Snapshot (formerly known as IBM Tivoli FlashCopy Manager) uses advanced snapshot capabilities of disk subsystems to create application, database, and VM-aware point-in-time snapshots.

References: IBM SpectrumFamily, IBM Spectrum Control Standard Edition, page 237 http://www.redbooks.ibm.com/redbooks/pdfs/sg248321.pdf

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