C9020-562^{Q&As}

IBM Storwize Family Technical Solutions V4

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QUESTION 1

A company currently has EMC VNX systems at both production and DR sites, with asynchronous replication between the sites. The company desperately needs to refresh the storage at its production site because of performance and capacity needs, as well as high maintenance costs. The VNX at the DR site is newer and still under lease. They don\'t have the budget to replace both systems.

How could the IBM Storwize Family solve the problem?

A. Replace production system and use host-based replication to DR site

B. Replace production system and externally virtualize DR system

C. Externally virtualize production system and use Real-time Compression

D. Externally virtualize both production and DR systems

Correct Answer: B

QUESTION 2

Which IBM Storwize product allows for scalability up to a maximum of 20 expansion enclosures with a single control enclosure?

A. IBM Storwize V5030

B. IBM Storwize V3700

C. IBM Storwize V5020

D. IBM Storwize V5010

Correct Answer: A

V5030: Standard expansion enclosures: up to 20 standard expansion enclosures per controller. High-density expansion enclosures: up to 8 high-density expansion enclosures per controller.

QUESTION 3

A customer is looking to enhance its existing environment with the addition of an IBM Storwize V7000. The customer currently has an EMC VNX and wants to better utilize this storage.

Which two IBM Storwize features must be licensed to address the customer\'s needs? (Choose two.)

A. Thin provisioning

B. Tieredstorage optimizer

C. Replication

D. Real-time Compression

E. External virtualization

Correct Answer: AB

A: Thin Provisioning (Oversubscribing)

Thin LUNs are supported. Care must be taken for the LUNs not to become over allocated or SVC will take

the MDisk and itsMDiskgroup offline, until corrected.

B: EMC VNX LUN configuration

The storage is provisioned from the VNX as LUNs, that appear as managed disks (Mdisks) on the SVC, which can use them to create storage pools (MDiskgroups) to provision SVC volumes (VDisks) for use by hosts or for use with tiering.

QUESTION 4

A state government education system is implementing a cloud solution for schools to plan and score standardized testing. The client needs a solution that supports file and block data for its environment.

Which IBM Storwize product should the IT architect recommend to maximize storage space using compression?

A. IBM Storwize V5020

B. IBM SAN Volume Controller

C. IBM Storwize V7000 Unified

D. IBM Storwize V9000

Correct Answer: C

Storwize V7000 is designed for all-flash or hybrid storage, while Storwize V7000 Unified isdesigned for block and file needs.

When you choose Storwize V7000 Unified and Storwize V7000, you gain the most advanced storage technologies to unlock the business value of your stored data, including virtualization and IBM Real-time Compression.

References:http://www-03.ibm.com/systems/storage/disk/storwize_v7000/

QUESTION 5

A company has added a second control enclosure to an IBM Storwize V7000 to provide more storage for several servers.

What must be done to the host systems before mapping volumes from the new I/O group?

A. Ensure the hostzoning is in place for the new I/O group

B. Double the queue depth on each volume

C. Verify host mirroring is in place for the volumes

D. Install additional HBAs for connectivity to the new I/O group

Correct Answer: A

The number of paths to a volume from a host to the nodes in the I/O Group that owns the volume must not exceed eight, even if eight is not the maximum number of paths supported by the multipath driver (SDD supports up to 32). To restrict the number of paths to a host volume, the fabrics must be zonedso that each host FC port is zoned to no more than two ports from each Storwize V7000 Gen2 node in the I/O Group that owns the volume.

References:

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