

# E20-885<sup>Q&As</sup>

VNX Solutions Expert Exam for Implementation Engineers

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#### QUESTION 1

How do primary and standby Control Stations monitor each other?

- A. nasmcd
- B. nbsnas
- C. ConnectHome
- D. nasdb

Correct Answer: C

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#### QUESTION 2

A customer plans migrate several Exchange 2010 databases to a new RAID 5 storage pool on an EMC VNX. The VNX has the FAST Cache and FAST VP enablers installed. Exchange 2010 is installed on a vSphere guest.

What performance best practice should be considered when migrating Exchange 2010 to the storage pool?

- A. Use thick LUNs in the storage pool.
- B. Enable FAST VP for the storage pool.
- C. Enable FAST cache for the storage pool.
- D. Use eager zeroed thin LUNs in the storage pool.

Correct Answer: A

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#### QUESTION 3

A corporation has configured highly available CIFS file systems with VDMs. Replication is configured from a primary site to a secondary site. During testing, the VDM and user file systems switchover successfully, but 30 minutes later Windows clients still cannot access their shares. What is the most likely cause of this problem?

- A. VDMs are not configured on the secondary site.
- B. The CIFS service is not running on the secondary site.
- C. Source side file systems are not correctly sized.
- D. Source side VDM Replication licensing is not enabled.

Correct Answer: B

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#### QUESTION 4

During a host write to an EMC VNX with write cache enabled, at what point does the host receive acknowledgement from the VNX that the write is complete?

- A. When the primary storage processor has cached the data
- B. When both storage processors have cached the data
- C. After data has been successfully committed to disk
- D. After data has been received by a storage processor

Correct Answer: B

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#### QUESTION 5

You have implemented Block Deduplication on a pool servicing a workload with a 60:40 read/write ratio, and consisting of small random IOs. This pool contains a large amount of duplicate data. After the first few deduplication processes, you notice that host response time has increased significantly.

What could be the cause of this impact on performance?

- A. A write ratio of more than 30%
- B. A workload with small random IOs
- C. A large amount of static data
- D. A small amount of unique data

Correct Answer: A

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#### QUESTION 6

Click on the calculator icon in the upper-left hand corner.

There are 100 GB in updates to the transaction logs for an SQL server over an eight-hour business day. How many I/O per second are required to support the workload?

- A. 455
- B. 657
- C. 546
- D. 776

Correct Answer: A

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#### QUESTION 7

A customer wants to reduce the performance impact incremental SAN Copy (ISC) has on their source LUN. They plan

to use a clone between the current source and destination LUNs, and then use the fractured clone as the new ISC source LUN. The source LUN performs two hundred 4 KB random I/O per second, with a 1:1 read/write ratio.

The source LUN is 768 GB in size, and the clone will be fractured for five minutes. How much data will be copied to the destination LUN?

- A. 11,250 MB
- B. 22,500 MB
- C. 1,125 MB
- D. 4,800 MB

Correct Answer: A

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#### QUESTION 8

A customer has a production CLARiiON replicating to a secondary CLARiiON at a remote site using MirrorView/S. The customer wants to upgrade to new EMC VNX, but due to cost constraints, they can only upgrade one of the CLARiiON arrays at this time.

How do you advise the customer?

- A. A mirror relationship cannot exist between CLARiiON and VNX LUNs.
- B. Replication between faster ports and slower ports is not supported.
- C. Storage pool LUNs cannot mirror to RAID group LUNs.
- D. VNX can only replicate to other VNX arrays.

Correct Answer: A

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#### QUESTION 9

A customer recently installed vSphere ESXi 5.0 on a five host cluster attached to an EMC VNX using FCoE. EMC PowerPath/VE with a full license is installed on all hosts in the cluster. What is the default load balancing policy that will be used?

- A. Round Robin
- B. clar\_opt
- C. No redirect
- D. Least\_I/O

Correct Answer: B

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#### QUESTION 10

A DBA wants to create a replicated, recoverable copy of an Oracle 11g database environment that will reside on a number of EMC VNX target drives.

The DBA performs the following:

- Puts the required tablespaces in hot backup mode
- Issues a checkpoint to the database
- Synchronizes and fractures the Oracle device pairs
- Ends hot backup mode
- Brings the replicated copy online

What action must the DBA take to enable the copy to start up successfully?

- A. Apply the Archive Logs
- B. Vary on the volume groups on the target volumes
- C. Copy the master Init.ora file to the target volume
- D. Copy the Oracle control file to the target

Correct Answer: A

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#### QUESTION 11

A customer has EMC VNX installed at their primary and secondary sites. They configured the CIFS file systems using VDMs, which are replicated from the primary to the secondary site for DR purposes. What is the VDM status at the primary and secondary sites during normal replication?

- A. Loaded on the primary and mounted on the secondary
- B. Mounted on the primary and mounted on the secondary
- C. Mounted on the primary and loaded on the secondary
- D. Loaded on the primary and loaded on the secondary

Correct Answer: A

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#### QUESTION 12

When creating a clone, what size must the clone be when compared to the source LUN?

- A. Two times the size of the source LUN
- B. The same size of the source LUN
- C. Half the size of the source LUN

D. Four times the size of the source LUN

Correct Answer: A

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### QUESTION 13

A customer needs to deploy an EMC RecoverPoint/SE cluster.

What is the minimum required count of RecoverPoint Appliances (RPAs) per cluster?

A. 1

B. 2

C. 4

D. 8

Correct Answer: B

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### QUESTION 14

A customer wants to reduce the performance impact incremental SAN Copy (ISC) has on their source LUN. They plan to use a clone between the current source and destination LUN, and then use the fractured clone as the new ISC source LUN. The source LUN performs four hundred 8 KB random I/O per second, with a 3:1 read/write ratio.

The source LUN is 512 GB in size, and the clone will be fractured for five minutes. How much data will be copied to the destination LUN?

A. 7,500 MB

B. 3,750 MB

C. 937.5 MB

D. 15,000 MB

Correct Answer: A

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### QUESTION 15

You plan to migrate from an EMC CLARiiON to an EMC VNX. The VNX will present CIFS shares to several Windows application hosts.

What tool would you use to test the performance metrics of the CIFS shares on the new VNX prior to the migration?

A. Iometer

B. Perfmon

C. Analyzer

D. Wireshark

Correct Answer: A

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