



# E20-545<sup>Q&As</sup>

VNX Solutions Specialist Exam for Technology Architects

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**QUESTION 1**

An administrator has created a FAST clone of VM and then tries to create a copy of the FAST clone, but it fails.

Why did the operation fail?

- A. A FAST clone cannot be a source for FAST clones.
- B. The source FAST clone has an active snapshot session.
- C. The minimum 25% free space of source VM capacity was not free on the file system.
- D. The VM was in suspended mode.

Correct Answer: A

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**QUESTION 2**

A system administrator has reported degraded performance with several of the applications that run on an EMC VNX. After reviewing the performance data on the array, you discover that all performance issues are related to one RAID 5 RAID Group. Specifically, this RAID Group is performing 50 percent fewer IOPS than before.

What is the most likely reason for this issue?

- A. RAID Group is rebuilding
- B. RAID Group is trespassed
- C. Write cache is not configured
- D. Read cache is not configured

Correct Answer: A

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**QUESTION 3**

What are supported limits for Access Logix?

- A. Maximum of four storage systems per host Host can be in only one Storage Group per array Storage Group is local to one storage system
- B. Host may be in up to four Storage Groups per array Maximum of six storage systems per host Maximum of 512 LUNs per Storage Group
- C. Storage Group is local to one storage system Maximum of four storage systems per host Host may be in up to two Storage Groups per array
- D. Storage Groups may span up to four arrays Host can be in only one Storage Group per array Maximum of 1024 LUNs per Storage Group

Correct Answer: A

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**QUESTION 4**

What Windows component runs a supported time service for a CIFS server by default?

- A. Domain controller
- B. DHCP
- C. DNS
- D. Kerberos

Correct Answer: A

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**QUESTION 5**

You have just allocated new volumes to your Windows 2003 host and were informed that you need to align the disk to prevent performance issues. What tool should you use to align the disks and at what point should you align them?

- A. Align the partition with the diskpart utility after creating the partition.
- B. Align the disk with the diskpart utility prior to creating a partition.
- C. Align the partition using Windows Disk Management prior to creating the partition.
- D. There is no need to align the disk as this affects only Windows 2000 hosts.

Correct Answer: B

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**QUESTION 6**

A customer logs in to Unisphere as an administrator and tries to delete a storage group, but is unable to do so. What must the customer do to delete this storage group?

- A. Make sure no hosts are connected to the storage group
- B. Make sure no LUNs are present in the storage group
- C. Delete the storage group from Navisphere Secure CLI
- D. Enter Engineering mode to delete the storage group

Correct Answer: A

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**QUESTION 7**

A customer has an application with a large sequential I/O pattern and wants to design the storage for the best possible performance.



Which design solution would you recommend?

- A. Create one LUN per RAID group; present them to the host and use a Volume Manager to stripe across them.
- B. Create one LUN per RAID group; create a striped metaLUN across all LUNs and present the metaLUN to the host.
- C. Create multiple LUNs per RAID group; present them to the host and use a Volume Manager to stripe across them.
- D. Create multiple LUNs per RAID group; create a striped metaLUN across all LUNs and present the metaLUN to the host.

Correct Answer: A

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### QUESTION 8

What are the components of the Common Event Enabler framework?

- A. Anti-Virus Agent and Event Publishing Agent
- B. Activity Logging and Data Verification
- C. Collection Agent and Datastore
- D. Unisphere Analyzer and SMI-S Provider

Correct Answer: A

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### QUESTION 9

Multiple VNX systems are being deployed into an enterprise environment. A centralized storage team is being created to manage all of the VNX systems.

Which management configuration will simplify the VNX management in this environment?

- A. Configure the VNX systems within a single Unisphere Storage Domain
- B. Configure role-based management using individual local VNX accounts
- C. Configure LDAP scope authentication for each VNX in the enterprise
- D. Configure global scope authentication for each VNX in the enterprise

Correct Answer: A

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### QUESTION 10

You are trying to create a virtual network device in Unisphere. There are four physical network connection devices on the Data Mover, but only two appear on the Unisphere device creation page.

Why?



- A. Two devices have already been used to create a virtual device.
- B. Virtual devices can only be created from virtual devices.
- C. The Data Mover is failed over.
- D. No network cables are plugged into the physical devices.

Correct Answer: A

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#### QUESTION 11

A customer has a heterogeneous FAST VP Pool with 2.4 TB available space. The pool contains a mix of thick LUNs and thin LUNs. The customer attempts to create a 2.4 TB thick LUN, but the process fails.

What caused the failure?

- A. Pools with thick LUNs cannot be oversubscribed.
- B. Heterogeneous Pools do not allow thick LUNs larger than 2 TB.
- C. There is insufficient space for thick LUN metadata.
- D. VNX Snapshots are present on the existing thin LUNs.

Correct Answer: C

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#### QUESTION 12

A customer will be creating a VDM on a VNX. What is the size of the VDM root file system when it is created using the default method?

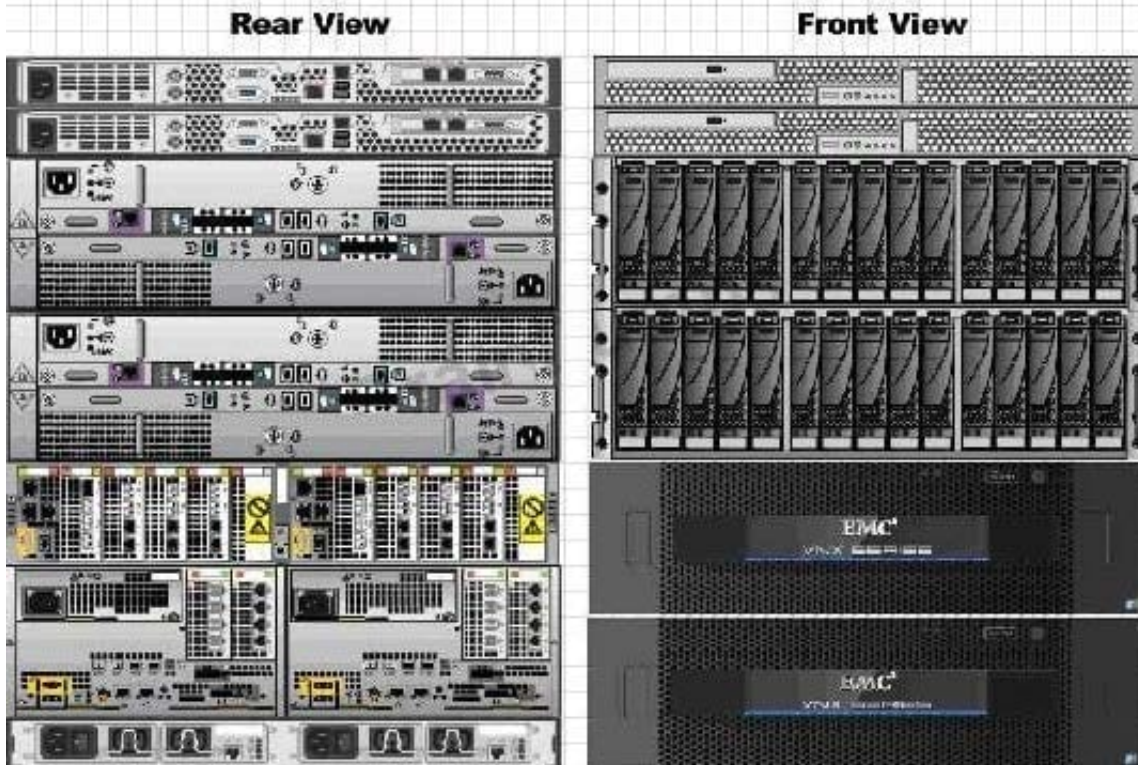
- A. 1 GB
- B. 64 MB
- C. 128 MB
- D. 512 MB

Correct Answer: C

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#### QUESTION 13

Refer to the exhibit.



The array has only the disks shown on the exhibit. All disks in the array are 600 GB 15K drives. One disk is used as a hot spare.

What is the maximum number of disks you can add to a single pool?

- A. 25
- B. 29
- C. 24
- D. 16

Correct Answer: A

#### QUESTION 14

A customer wants to restrict the "training" share to PowerPoint files. What must be done to activate the filter settings?

- A. Place the filter file in the \.filefilter directory on root share (C\$) of the Data Mover.
- B. Place the filter file in the \.filefilter directory on the "training" share of the Data Mover.
- C. Re-establish domain membership for the Data Mover.
- D. Place the name of the target user group for the share into the filter file.

Correct Answer: A



### QUESTION 15

A Storage Administrator wants to use all available bandwidth to connect a VMware ESXi host to a VNX. They decide to use the CNAs as well as some NICs. They do this so they can utilize FCoE for some VMs and iSCSI for other VMs. They notice that the VMs using FCoE do not have access to their LUNs.

What is most likely causing this issue?

- A. Jumbo frames are not configured on the Ethernet SAN.
- B. FCoE and iSCSI are not allowed to be used at the same time by the same physical host or its VMs.
- C. Multiple FC frames are being aggregated together.
- D. FCoE is already being used for SAN Copy.

Correct Answer: A

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