

## NS0-502<sup>Q&As</sup>

NetApp Certified Implementation Engineer-SAN and Virtualization

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**QUESTION 1**

Which command on a NetApp storage controller will display the average service time on a FC target port basis every five seconds?

- A. sysstat -i 5
- B. sysstat -f 5
- C. fcp stats -i 5
- D. lun stats -i 5

Correct Answer: C

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**QUESTION 2**

What does NetApp recommend as best practice for zone configuration?

- A. single target zoning
- B. single initiator zoning
- C. multiple initiator zoning
- D. single port zoning

Correct Answer: B

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**QUESTION 3**

Which of these attributes can affect LUN I/O alignment?

- A. The same LUN is present in two igroups with differing ALUA states.
- B. The starting offset of the first file system block on the host.
- C. The LUN is a boot LUN.
- D. The LUN is part of a logical volume.

Correct Answer: B

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**QUESTION 4**

What are two performance tuning parameters available for Fibre Channel HBAs on a host? (Choose two.)

- A. LUN queue depth
- B. HBA BootBIOS enabled
- C. Fibre Channel speed
- D. LUN device ID

Correct Answer: AC

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**QUESTION 5**

You connect a host to a NetApp storage system through an FC switch. The host has its boot volumes on the NetApp storage system.

What is mandatory for you to configure?

- A. persistent binding
- B. port zoning
- C. portsets
- D. WWPN zoning

Correct Answer: A

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**QUESTION 6**

Which statement is correct regarding virtual machine alignment on VMware ESX?

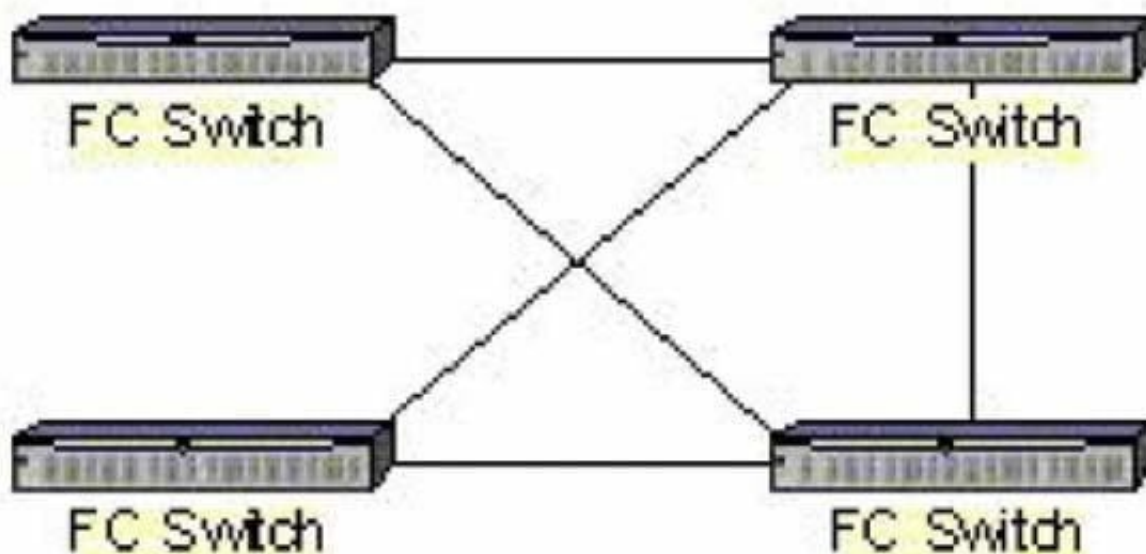
- A. RDM LUNs do NOT suffer from alignment problems because they are accessed directly by VMs.
- B. A VMFS LUN with a LUN type of VMware, will always have properly aligned VMs.
- C. Alignment issues can occur on any protocol including FCP, iSCSI, FCoE, and NFS
- D. msinfo32 or mbrscan can be run for the ESX service console to check for proper alignment of VMs.

Correct Answer: C

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**QUESTION 7**

Click the Exhibit button.



Based on the diagram shown, what is the appropriate FC switch topology?

- A. core-edge
- B. full mesh
- C. partial mesh
- D. partial cascade

Correct Answer: C

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#### QUESTION 8

Click the Exhibit button.

Guarantee	= volume
LUN Reservation	= off
Fractional_reserve	= 0%
Snap_reserve	= 0%
Auto_delete	= volume
Auto_grow	= on
Try_first	= autogrow

When should you define the space management policy that is shown in the table?

- A. when you want to thin provision the LUNs and make the volume size less than the LUN size
- B. when you want Data ONTAP to start deleting Snapshots to recover space from the volume before growing the volume
- C. when you want to set aside overwrite reserve space for the LUNs so that writes never fail with the presence of Snapshots
- D. when you want to guarantee space for Snapshots by letting the volume autogrow

Correct Answer: A

#### QUESTION 9

What is the significance of using a specific LUN type when creating LUNs manually on a NetApp storage system?

- A. The LUNs offset, size of the prefix and suffix is determined by the LUN type, which differs for different operating systems.
- B. The LUN types are merely for administrative ease of use and the LUN types can be changed on the fly after creation.
- C. The LUN types allow the appropriate host operating systems to use the LUN. For example, a VMware type LUN cannot be read from /written to using a Solaris host.
- D. The host operating system will panic when the "wrong" LUN type is selected on the NetApp storage system.

Correct Answer: A

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## QUESTION 10

Which configuration for primary block (FC and iSCSI) data does NetApp best practices recommend?(Choose two.)

- A. single controller single shelf
- B. single controller multiple shelves
- C. dual controller single shelf
- D. dual controller multiple shelves

Correct Answer: CD

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## QUESTION 11

When does Fractional Reservation reserve space from the volume?

- A. Volume Creation
- B. LUN Creation
- C. LUN SnapMirror
- D. Volume Snapshot

Correct Answer: D

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## QUESTION 12

You are installing a NetApp FAS6040 high availability storage system.

Which cfmode should be set to ensure proper failover in an HP-UX environment?

- A. standby
- B. partner
- C. single system image
- D. dual\_fabric

Correct Answer: C

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## QUESTION 13

Which utility on Solaris 10 can be used to collect information about firmware and driver versions for an Emulex LP1xxx/LPe1xxx HBA?

- A. EMutil
- B. SANutil
- C. hbainfo
- D. SANsurfer
- E. HBAnywhere

Correct Answer: E

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## QUESTION 14

For which two purposes would the use of VLANs be beneficial? (Choose two.)

- A. to isolate iSCSI traffic from LAN/WAN traffic
- B. to separate LAN from WAN traffic
- C. to isolate management traffic from other IP traffic
- D. to isolate UDP from TCP traffic in the IP network
- E. to isolate SSH traffic from other IP traffic

Correct Answer: AC

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## QUESTION 15

What are two functions of iSCSI access lists? (Choose two.)

- A. control the network interfaces on the storage system that an initiator can access
- B. define authentication parameters(CHAP)
- C. limit the number of network interfaces advertised by the storage system
- D. define MPIO behavior

Correct Answer: AC