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Network Appliance NS0-502

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QUESTION NO: 1

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

ANSWER: A C

QUESTION NO: 2

A company wants to use jumbo frames to improve performance with their iSCSI network. When setting up the Ethernet switches for jumbo frames, which three components need to be configured? (Choose three.)

A. Ethernet port on Management Console

B. Ethernet port on RLM

C. Ethernet port on host system

D. Ethernet port on storage device

E. Ethernet port on FC switch

F. Ethernet switch ports being used

ANSWER: C D F

QUESTION NO: 3

What would you use to share a data LUN among multiple servers where each server has simultaneous write access?

A. host-based BootBIOS

B. host-based multipathing

C. host-based volume manager

D. host-based clustered file system

ANSWER: D

QUESTION NO: 4

Which of these attributes can affect LUN I/) 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.

ANSWER: B

QUESTION NO: 5

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.

ANSWER: A

QUESTION NO: 6

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

ANSWER: C D

QUESTION NO: 7

Which three tasks should be completed as part of the site preparation for install? (Choose three.)

A. plan zoning configuration

B. verify equipment move path

C. determine aggregate layout

D. verify power drops in the equipment location

E. make contact with data center personnel

ANSWER: B D E

QUESTION NO: 8

What are three relevant perfstat counters to check for unaligned I/O that do not fall on the WAFL boundary? (Choose three.)

A. wp.partial_write

B. vvol_read.io_valid

C. read/write_align_histo.XX

D. read/write_partial_blocks.XX

E. xinode content misses

ANSWER: A C D

QUESTION NO: 9

A user wants to access a FCP VMFS datastore created on a NetApp LUN using a properly configured ESX 3.5 system with a new ESX 4.0 system. Without making changes to the LUN or igroup attributes, what setting should be used for the SATP (Storage Array Type Plugin)?

A. VM_SATP_ALUA

B. VMW_SATP_DEFAULT_AA

C. The LUN has to be changed to ALUA before accessing from ESX 4.0)

D. VM_SATP_DEFAULT

ANSWER: B

QUESTION NO: 10

A company is planning to use physical Raw Device Mappings (RDMs) in their ESX environment. Which LUN type should they use on the NetApp storage system if they want to prevent LUN I/O alignment issues?

A. They should use the VMware LUN type.

B. They should use the LUN type matching the guest operating system.

C. ESX will automatically align I/O on WAFL boundaries if NetApp host utilities is installed.

D. Any UNIX LUN type will work since it is an RDM.

ANSWER: B