

NetApp Certified Data Administrator - NAS (NS0-504)

1. You have a Windows 2003 host using the NetApp ONTAP DSM MPIO environment with a FAS6000 high availability configuration running single image cfmode.

A. I/O will fail over to any port on either controller that is part of the associated portset. Choice of path will be controlled by the host's MPIO weighting table.

B. I/O will fail over to any port on the original controller but NOT on the partner controller that is part of the associated portset. Choice of path will be controlled by the host's MPIO weighting table.

C. I/O will fail over to any port on the original controller that is part of the associated portset. Choice of path will be controlled by NetApp storage system igroup settings.

D. I/O will fail over to any port on either controller that is part of the associated portset. Choice of path will be controlled by NetApp storage system igroup settings.

Answer(s): C

2. A FAS6280 running ONTAP 8.0.2P1 has a 32-bit root aggregate. After upgrading to Data ONTAP 8.1, what is the status of the root aggregate?

A. The root aggregate auto-migrates to a new 64-bit aggregate.

B. The root aggregate converts from 32 to 64-bit in place.

C. The root aggregate remains 32-bit.

D. The upgrade fails with a message to create a new 64-bit aggregate before upgrade.

Answer(s): C

3. Which Data ONTAP option sets system-wide for all transfers?

A. Options transfers.wide.enable

B. Options transfer.throttle.enable.

C. Options replication.throttle.enable

D. Option replication.wide.enable

Answer(s): C

4. Which set of commands should be used for troubleshooting Ethernet connectivity problems from the storage system console?

A. dish shm_stats, sysstat

B. ifstat, netdiag

C. perfstat, tracer

D. sysconfig - cr, sysstat

Answer(s): B

5. A NetApp storage system running clustered Data ONTAP is logged in to an FC switch. An initiator logged in to the same switch. FCP is licensed, and the TCP service is created and running. The fcp initiator show command returns an empty table. What is the likely cause?

A. Igroup type does NOT match initiator OS type.

B. No LUNs are provisioned.

C. Initiator does NOT belong to an Igroup.

D. Target and initiator are NOT part of the same zone.

Answer(s): D

6. Which two statements are true of the `cf forcetakeover -d` command? (Choose two.)

A. Partner mailboxes must be available.

B. Mirrored volumes are implicitly split.

C. The surviving cluster node takes over the functions of the failed partner.

D. The failed cluster node is powered off automatically.

Answer(s): B,C

7. Which `exportfs` command will temporarily export the resource while ignoring the options specified in the `/etc/exports` file?

A. `exportfs -i <path>`

B. `exportfs -a <path>`

C. `exportfs -v <path>`

D. `exportfs -u <path>`

Answer(s): A

8. Which mechanism allows you to make LUNs available to some initiators and unavailable to others?

A. LUN cloning

B. LUN masking

C. LUN grouping

D. LUN hiding

Answer(s): B

9. A company has deployed a NetApp dual controller FAS3100 series with iSCSI.

A. cfmode not applicable

B. dual_fabric

C. single_image

D. standby

Answer(s): A

10. Which command displays the disk ownership for both CPU modules in a FAS2020 system?

A. disk display r

B. disk own -s

C. disk show -v

D. vol status -r

Answer(s): C

11. What is the GUI-based interface that manages a cluster?

A. Cluster Bench

B. System Manager

C. FilerView

D. Device Manager

E. Node Studio

Answer(s): B

12. During a storage failover operation, paths to the down node will show as:

A. Offline

B. Unoptimized

C. belonging to its HA partner

D. Indirect

Answer(s): B

13. After upgrading to DOT 8.0 7-mode, you can convert existing 32-bit aggregates into 64-bit aggregates.

A. False

B. True

Answer(s): A

14. What is the maximum number of disk shelves per loop in a fabric-attached MetroCluster?

A. 1

B. 6

C. 2

D. 4

Answer(s): C

15. Is NetApp storage Encryption supported in Data ONTAP 8.1.1 Cluster-Mode?

A. No, but you can file a PVR to request support.

B. No. it is targeted for a future release of Data ONTAP.

C. Yes, only with a special license installed.

D. Yes, it has been supported since 8.0.1.

Answer(s): B

16. In a Fibre Channel configuration, the host's HBA is referred to as the _____, and the storage system's HBA is referred to as the _____ .

A. initiator, target.

B. primary, secondary.

C. secondary, primary.

D. target, initiator.

Answer(s): A

17. Which three statements apply to the SnapMirror visibility_interval argument? (Choose three.)

A. The smallest interval value supported is 30 seconds.

B. The default interval value is five minutes.

C. This variable controls the view of the data on the destination system.

D. By setting a value, you specify the amount of time before an automatic snapshot is created on the source volume that is synchronously mirrored.

Answer(s): A,C,D

18. You cannot remove the SyncMirror license if one or more mirrored volumes exist.

A. False

B. True

Answer(s): B

19. You are troubleshooting a clustered failover problem at a customer site. The customer explains that both storage systems were NFS mounted onto the Solaris host. While in takeover mode, you attempt to create a file on the NFS mount point for the inaccessible system, but you get the following error:

A. Replace the cluster interconnect card and run diagnostics "all" to ensure proper system operation.

B. Submit a new bug report.

C. Replace the NIC adapter.

D. Use the cluster-config-checker.cgi to identify the problem and corrective action.

Answer(s): D

20. Which statement describes the results of the SnapMirror resynce command?

A. Resynchronization finds the newest common snapshot shared by the two volumes or qtree, and removes all newer information on the storage system on which the command is run.

B. Resynchronization will update the snapshot on the destination filer.

C. Resynchronization will update the snapshot on the source filer.

D. Resynchronization will cause the loss of all data written to the destination after the original base snapshot was made.

Answer(s): A

