



Network-Appliance

Exam Questions NS0-592

NetApp Certified Support Engineer - ONTAP Specialist

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NEW QUESTION 1

A customer has a 2-node MetroCluster. They experienced a complete power loss at site B. The customer has lost connectivity to site B and now realizes that the DR partner at site A has not taken over the DR partner at site B.

Which two actions must be performed in this scenario? (Choose two.)

- A. On the DR partner at site A, perform the process to switchover.
- B. Ensure that site B is prevented from serving data or simply powered off (nodes and disk shelves).
- C. On the DR partner at site A, perform the process to heal the data aggregates.
- D. On the DR partner at site B, perform the process to heal the root aggregate.

Answer: AD

NEW QUESTION 2

Click the exhibit button.

Your customer is calling about their MetroCluster environment. They have provided you with the output of the metrocluster interconnect adapter show command. Referring to the exhibit, which statement is correct?

- A. For all MetroCluster configurations, this is expected output.
- B. The InfiniBand cables should be connected in this configuration.
- C. The InfiniBand interconnect is not used in MetroCluster.
- D. This is a 2-node MetroCluster.

Answer: A

NEW QUESTION 3

A customer is attempting to move from NFSv3 to NFSv4.x and reports that all attempts to mount using NFSv3 continue to be successful, however, all of their NFSv4.x mount attempts fail with an "access denied" error.

Which two statements would cause this error? (Choose two.)

- A. The NFS server does not have NFSv4 enabled.
- B. The SVM's root volume allows execute access for all users.
- C. The export policy applied to the data volume does not allow clients to access it using NFSv4.
- D. The export policy applied to the SVM's root volume does not allow the NFSv4 clients to access it.

Answer: BC

NEW QUESTION 4

A customer reports that one their SVMs has two default gateways. The customer wants to know whether this behavior is expected or if one of gateways should be deleted.

In this scenario, what do you tell the customer?

- A. The configuration is acceptable if the customer configures different metrics on all defaults routes.
- B. The configuration is acceptable only if both default gateways are in the same subnet.
- C. This situation is a misconfiguration, and the customer should delete one of the default gateways because there can be only gateway for each SVM.
- D. The configuration is acceptable
- E. The customer can achieve load balancing between the default gateways by setting the same metric on all default routes.

Answer: A

NEW QUESTION 5

Click the exhibit button.

Your customer has severe latency on one of their SATA aggregates. You run the `statit -b` and `statit -e` commands to obtain detailed disk statistics. Referring to the output shown in the exhibit, which disk would be the problem?

- A. 0a.11.19
- B. 0a.11.21
- C. 0a.13.21
- D. 0a.11.23

Answer: A

NEW QUESTION 6

Click the exhibit button.

A customer has an FC SAN with brocade switches. Each server attached to the SAN has four FC ports. The customer describes that one of their servers has only four paths to the LUNs configured on the cluster. There should be eight paths on all the other servers. The switch administrator has verified the zone configuration. Referring to the exhibit, which two actions would you perform to troubleshoot the problem? (Choose two.)

- A. Review the LIF configuration on the cluster.
- B. Review the driver version on the server.
- C. Review that the host side FC link ports are enabled.
- D. Review the igroup configuration on the cluster.

Answer: AB

NEW QUESTION 7

Click the exhibit button.

Your customer reports that their FAS2554A system reports multi-path HA when running the sysconfig command. However, Config Advisor reports an error about incorrect cabling.

What are the two reasons for the messages? (Choose two.)

- A. Shelves 10 and 20 have different IOM modules and must be in separate stacks.
- B. The FAS2554 system is cabled incorrectly to shelf ID 20.
- C. The DS2246 shelf is wrong; the shelf ID must be 11.
- D. Disk shelves 10 and 20 are cabled incorrectly to each other.

Answer: BD

NEW QUESTION 8

Click the exhibit button.

A customer is reporting that numbers in the statistics volume show command output appear to be incorrect. Referring to the exhibit, which statement is correct?

- A. The problem is due to a difference in operation size.
- B. Perfstat should be used to explain the behavior.
- C. There are operation types that are not listed in the output.
- D. A case with NetApp should be raised to find the root cause.

Answer: A

NEW QUESTION 9

Click the exhibit button.

Many end users are complaining that logging in their systems takes a long time. When the login to the desktop finishes, everything is fine. The home directories are on NetApp storage. You do not see any significant disk or CPU contention on the controller, so you gather output statistics from the controller and focus on SMB.

Referring to the exhibit, which two actions would help diagnose the problem? (Choose two.)

- A. Engage your Windows team to make sure that the domain controllers are not overloaded.
- B. Engage your desktop team to collect network traces from the clients.
- C. Collect more statistics to determine whether the controller itself is causing latency.
- D. Engage your network team to make sure that there are no issues between the storage controller and the domain controller.

Answer: CD

NEW QUESTION 10

Click the exhibit button.

A volume move operation has been initiated to move a volume named MirrScr from one aggregate to another. The operation failed with the error that is shown in the exhibit.

In this scenario, which statement is correct?

- A. Manually trigger the cutover process in order to restart the job.
- B. The volume move cannot be completed at this time because of high use in this node.
- C. There are too many snapshots on the source volume.
- D. Cancel and restart the volume move operation.

Answer: A

NEW QUESTION 10

Your customer states that the storage efficiency on their FAS 8200 is far below what they had expected for a VMware NFS datastore. They enabled deduplication three days ago. The job ran every night for only 10-20 minutes, and the space savings now is less than 5%.

What is causing the space savings to be so low?

- A. They have enabled aggregate-level inline data compaction, so the savings are at the aggregate level.
- B. They have enabled aggregate-level inline deduplication, so the savings are at the aggregate level.
- C. They have not enabled volume-level compression.
- D. They have not run a baseline deduplication to scan old data.

Answer: C

NEW QUESTION 13

A customer reports that copying data over iSCSI attached LUNs is taking significantly longer than usual. The customer asks you to help to identify the root cause of this problem.

Which two perfstat sections would you use to accomplish this task? (Choose two.)

- A. stats lun
- B. lun stats -vserver
- C. statit
- D. stats volume

Answer: BC

NEW QUESTION 18

You want to determine which SMB versions that a CIFS server can use when communicating with external servers.

Which two CIFS server settings should be reviewed to accomplish this task? (Choose two.)

- A. smb2-enabled
- B. smb1-enabled-for-dc-connections
- C. smb2-enabled-for-dc-connections
- D. smb1-enabled

Answer: CD

NEW QUESTION 23

Click the exhibit button.

A customer's system reported several errors. There was no disruption, but the customer is concerned about the system's health. Referring to the exhibit, which statement is true?

- A. One of the switches has failed.
- B. One of the IOM modules on shelf 20 has failed.
- C. Storage redundancy is degraded.
- D. Port 1D on the system has failed.

Answer: C

NEW QUESTION 24

What is a major difference between NFSv3 and NFSv4.x?

- A. NFSv4.x is stateful, and NFSv3 is stateless.
- B. NFSv4.x requires an auxiliary protocol for status monitoring, and NFSv3 does not.
- C. NFSv4.x is stateless, and NFSv3 is stateful.
- D. NFSv4.x requires an auxiliary protocol for mounting, and NFSv3 does not.

Answer: A

NEW QUESTION 27

Click the exhibit button.

A customer reports that their system recently began logging an error. Referring to the exhibit, which two statements are correct? (Choose two.)

- A. The bcomd application is responsible for monitoring the observed behavior.
- B. A user is attempting to restart the ntpd daemon.
- C. The spmd application failed to restart the ntpd daemon.
- D. The ntpd daemon is responsible for time services.

Answer: BD

NEW QUESTION 30

Click the exhibit button.

When you log in to a node, a warning is displayed as shown in the exhibit. Which statement is correct in this scenario?

- A. The node root volume was moved to a new aggregate.
- B. The partner still hosts the CFO aggregate for the node.
- C. One or more RDB db files are damaged due to an internal software error.
- D. The node cannot communicate with the rest of the nodes in the cluster.

Answer: D

NEW QUESTION 33

Click the exhibit button.

You have just cabled a new shelf to a FAS8200. Running the system node `run -node * sysconfig` - a command indicates that multipath HA is configured. However, after running Config Advisor, you receive an error that your cabling is incorrect.

As indicated in the exhibit, which two actions will correct the cabling? (Choose two.)

- A. Move the 0b SAS connection on the bottom controller to 0d on the bottom controller.
- B. Move the 0b SAS connection on the top controller to 0d on the top controller.
- C. Move the 0b SAS connection on the top controller to 0d on the bottom controller.
- D. Move the 0b SAS connection on the bottom controller to 0d on the top controller.

Answer: AB

NEW QUESTION 37

Click the exhibit button.

You are troubleshooting a system in which the customer reports that aggregates on Stack 6c/12b are having slow response times from system NETAPP1CLUS-02.

Referring to the exhibit, which two statements are correct? (Choose two.)

- A. The aggregates have only one PHY running at six gigabits per second on 6c.
- B. PHY 2 is running at six gigabits per second; on system NETAPP1CLUS-02, reseal IOM6 Module A on Shelf 10.
- C. The shelf module firmware is downrev; on system NETAPP1CLUS-02, replace IOM6 Module A on Shelf 10.
- D. The aggregates have only PHY at six gigabits per second on 12b.

Answer: AC

NEW QUESTION 42

A field support engineer has just replaced the IOXM on NODE2 on a FAS8080 running ONTAP 9.1. After the replacement, the customer is unable to perform a giveback because the interconnect is down.

In this scenario, which statement is correct?

- A. Verify that there cross-links between the interconnects.
- B. Verify that the installed FC-VI cards are configured properly.
- C. Verify that the interconnect cables on the motherboard are connected correctly.
- D. Verify that the interconnect cables on the IOXM are connected correctly.

Answer: D

NEW QUESTION 47

Click the exhibit button.

You execute a few commands and many fail, as shown in the exhibit. What could cause the error?

- A. The mgwd user space process on cluster1-02 failed.
- B. The aggregates were manually brought offline.
- C. The cluster-02 node is down.
- D. The bcomd user space process on cluster1-02 failed.

Answer: C

NEW QUESTION 48

When you issue a volume clone create command, which entity in WAFL is copied?

- A. the vol_info block
- B. the buftree
- C. the data block
- D. the inode file

Answer: D

NEW QUESTION 49

A customer has requested your assistance with replacing a DS224C disk shelf from their cluster nondisruptively. Which two actions should be performed before physically replacing the shelf? (Choose two.)

- A. Verify that the system is configured as multipath high availability.
- B. Upgrade the IOMs in the shelf before starting the removal process.
- C. Verify that the drives in the shelves are spares and ownership is removed.
- D. Zero the disks before performing the physical shelf removal.

Answer: AC

NEW QUESTION 54

End users are complaining of high latency when accessing an ONTAP 9 luster.

Which command helps you to determine whether there is a storage component that is contributing to this problem?

- A. qos statistics performance show
- B. qos statistics latency show
- C. sysstat -c 30 -M 1
- D. wafitop show -v -cpu -l 10 -c 5-n 6

Answer: A

NEW QUESTION 58

A non-maskable interrupt event occurs. The system panics and then reboots. In this scenario, what would have caused the panic?

- A. a secd process
- B. a watchdog timer
- C. an ICMP blackhole detector
- D. a volume location distributed database

Answer: B

NEW QUESTION 63

You configured iSCSI multipathing on a Windows host to a 2-node ONTAP cluster so that you can attach to some LUNs. You see that the host logging in to both iSCSI LIFs in the ONTAP cluster, and you notice that the igroup is correctly set. After you open Disk Management and rescan for disks, the NetApp LUNs do not show up.

In this scenario, what should be performed to enable the LUNs to be visible to the Windows host?

- A. Set up LUN mapping and try scanning again.
- B. Configure the SVM for FCP and try scanning again.
- C. Set up Selective LUN Mapping (SLM) and try scanning again.
- D. Configure the ONTAP nodes for HA and try scanning again.

Answer: C

NEW QUESTION 64

A customer called you after a failure in their Microsoft Hyper-V environment on the "SVM1" SVM. The customer wants to enable nondisruptive operations (NDO) to prevent future failures.

In this scenario, which two actions must be performed? (Choose two.)

- A. Verify that the continuously-available option is set on the CIFS share.
- B. Verify that SMB2 is enabled.
- C. Verify that SMB3 is enabled.
- D. Verify that the branchcache option is set on the CIFS share.

Answer: AB

NEW QUESTION 67

Click the exhibit button.

Referring to the exhibit, which change is required to enable the CIFS Autolocation function for the Users share?

- A. Edit the CIFS share's properties to remove the changenotify property.
- B. Re-create the LIFs to allow both CIFS and NFS protocols.
- C. Change the CIFS share's Symlink Properties parameter to symlinks.
- D. Modify the CIFS server's option to enable SMB multichannel.

Answer: C

NEW QUESTION 72

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