

Network-Appliance

Exam Questions NS0-592

NetApp Certified Support Engineer - ONTAP Specialist



NEW QUESTION 1

A customer reports that OnCommand Performance Manager shows that the workload on node-02 in a 4-node cluster has increased to a level that is higher than the threshold. The customer wants to avoid this issue becoming a performance problem.

Which two actions would result in achieving this goal? (Choose two.)

- A. Use the volume move command to move one or more volumes to another aggregate that is owned by another node that is less utilized.
- B. Use the storage aggregate relocation command to offload an aggregate to its partner.
- C. Use the storage aggregate scrub command to verify the parity on the busy aggregates.
- D. Physically move the shelf to another node that is less utilized.

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 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 default 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 4

An administrator wants to keep an automatic daily up-to-date copy of a volume at a disaster recovery location. What should the administrator do to achieve this goal?

- A. Perform a volume relocation to the remote location.
- B. Configure a SnapMirror relationship to the remote location.
- C. Configure a SyncMirror relationship to the remote location.
- D. Perform an NDMP dump to the remote location.

Answer: B

NEW QUESTION 5

A customer mentions that their intercluster SnapMirror replication operations consistently take much longer than normal. While troubleshooting, you want to initiate a test SnapMirror session to collect performance data.

How would you accomplish this task?

- A. Run the network test-path command to simulate a SnapMirror connection and record the latency/throughput data.
- B. View the active network connections to the node to see if there a large number of active connections.
- C. Use the ifstat command to collect network performance data for the physical interface.
- D. Run the network statistics lif show command for the intercluster LIF to simulate a network connection.

Answer: A

NEW QUESTION 6

When does ONTAP 9.5 overwrite a block that contains existing data?

- A. after a user edits a file
- B. after the block has been marked free
- C. when file permissions are changed
- D. when a file is copied in a LUN

Answer: D

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

Your customer added a new DS2246 shelf to an existing stack on their FAS8060A system. The customer then noticed that the new shelf's disks appear with the shelf serial number instead of the shelf ID in the sysconfig -r command output.

What is the reason for this problem?

- A. The SAS is cabled incorrectly.
- B. There is failed IOM module in the new shelf.
- C. The ACP is cabled incorrectly.
- D. The new shelf has the same ID as another shelf.

Answer: A

NEW QUESTION 9

Two weeks ago, your customer experienced a data outage, which caused their MCC to switch over. When the power was restored, they found that 14 disks over three RAID groups had failed, which caused two data aggregates to lose their mirror plexes.

In this situation, before you perform a switchback, which three actions should be taken? (Choose three.)

- A. Delete the failed plexes.
- B. Initiate the aggregate healing phases.
- C. Adjust bridge configuration for the replaced disks.
- D. Mirror the unmirrored aggregates
- E. Assign all disks on the remote site to the surviving nodes.

Answer: BCD

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

You are investigating a CIFS issue at a customer site, but it is unclear which SMB version is being used between the client and the server. The customer has provided you with a packet trace output.

In this scenario, which packet exchange contains information to indicate which SMB version was agreed upon by the client and the server?

- A. Ioctl1 Request FSCTL_DFS_GET_REFERRALS Ioctl1 Response FSCTL_DFS_GET_REFERRALS
- B. Session Setup Request Session Setup Response
- C. Negotiate Protocol Request Negotiate Protocol Response
- D. Tree Connect Request Tree Connect Request Response

Answer: D

NEW QUESTION 15

Click the exhibit button.

A customer has the ns-switch shown in the exhibit.

Which two statements are true in this scenario? (Choose two.)

- A. User names not present in the local database are looked up in LDAP.
- B. User mapping decisions are always based on the LDAP configuration.
- C. Host names are always resolved using the configured DNS server.
- D. Groups can be looked up both in the local database and in LDAP.

Answer: CD

NEW QUESTION 16

A customer complains that the copy offload does not work when copying large file from a Windows 8 client between the CIFS shares that are hosted on the same ONTAP cluster.

What are two reasons for this problem? (Choose two.)

- A. Deduplication is not enabled on the destination volume.
- B. The client should be using Windows 10 for ODX support.
- C. The source and target volumes reside on different cluster nodes.
- D. SMB 3.0 disabled on the CIFS SVM.

Answer: AD

NEW QUESTION 20

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 24

You have a 2-node ONTAP Select HA deployment. In this scenario, which application manages the quorum, if one node fails?

- A. ONTAP Mediator
- B. ONTAP Deploy VM
- C. vCenter Server
- D. Tiebreaker

Answer: B

NEW QUESTION 28

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 29

A customer calls you about a performance issue that they experienced over the past few days. They want to know if data collection and root cause analysis (RCA) is possible for this issue. This issue appears to be a one time event. Which tool would be used to satisfy the customer's request?

- A. perfstat
- B. perfmon
- C. OneCollect
- D. Performance Archive

Answer: C

NEW QUESTION 31

Click the exhibit button.

Your customer added a new DS4246 shelf to their FAS system. They created an aggregate on the new shelf. Two weeks later, they log in to Active IQ and discover the Medium Impact error shown below.

"Both SAS connections from one controller go to the same shelf." Referring to the exhibit, which statement is correct?

- A. You are unable to obtain a "Cable Visualization" overview from Active IQ.
- B. A faulty cable is causing the problem.
- C. A faulty IOM is causing the problem.
- D. You can correct this problem without downtime on the FAS system.

Answer: D

NEW QUESTION 34

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 38

You migrated from a FAS3250 system to a new A200 system. After the migration, you notice that data compaction fails to be enabled on the migrated volumes. In this scenario, which statement is correct?

- A. You need to schedule background deduplication on all volumes.
- B. You need a license to have full efficiency on AFF systems.
- C. Data compaction is not supported on the A200 system.
- D. The volumes are thick-provisioned.

Answer: D

NEW QUESTION 39

A new cluster running ONTAP 9.5 has just been installed and you want to create a FlexGroup volume. Which action will accomplish this task?

- A. Use the storage pool create command.
- B. Use the volume create command.
- C. Use the Deploy utility to provision the FlexGroup volume.
- D. Use the volume size command.

Answer: A

NEW QUESTION 40

In a 4-node cluster, nodes 1 and 2 are an HA pair, and nodes 3 and 4 are an HA pair. The following error appears in the log.
12/15/2018 15:48:47 node-2CRITICALclam.node.ooc: Node (name=node- 2, ID= 1001) is out of "CLAM quorum" (reason =quorum update).
In this scenario, which two statements are correct? (Choose two.)

- A. All LUNs are offline in the cluster.
- B. All LUNs are online in the cluster.
- C. Node 1 takes over node 2.
- D. Node 2 takes over node 1.

Answer: AC

NEW QUESTION 45

Your customer has initiated several volume move commands to redistribute the workload in their 8-node cluster. To verify that this process is not affecting their client access, they were monitoring the network switches that provide client access, but they do not see the network load of the volume move command. In this scenario, what is the reason for the behavior?

- A. The volume move command uses the HA iWarp interconnect, not the client access switches.
- B. The volume move command uses copy offload protocol, so it does not show up when monitored.
- C. The volume move command uses the intercluster LIFs, not the data LIFs.
- D. The volume move command uses the cluster interconnect switches, not the client access switches.

Answer: B

NEW QUESTION 49

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 52

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 55

A customer has created an interface group (igroup) named a0a, a VLAN named a0a-2500, and a data LIF associated with the VLAN interface that has been

assigned an IP of 10.254.10.100. The customer is able to ping 10.254.10.100 from a Windows client without any issues, but data traffic is not working. In this scenario, what is the solution to the problem?

- A. Disable flow control on the a0a interface.
- B. Configure an appropriate service policy for the data LIF.
- C. Correct the MTU mismatch between the broadcast domain configuration and the upstream network switches.
- D. Allow data traffic by using LIF firewall policies.

Answer: D

NEW QUESTION 59

The error message shown below is reported in the EMS log file.

"[sis.changelog.full:warning]: Change logging metafile on volume DATA1 is full and can not hold any more fingerprint entries."

What are two ways to solve this problem? (Choose two.)

- A. Clear the changelog manually so that the operation can restart.
- B. Increase the size of the changelog to allow the operation to continue.
- C. Modify the storage efficiency policy so that deduplication runs more frequently.
- D. Modify the threshold that triggers a deduplication operation.

Answer: BD

NEW QUESTION 62

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 65

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 68

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 70

Click the exhibit button.

You are investigating an AutoSupport Disk Redundancy Failed alert. Cluster A lost connectivity to storage bridge BrB1, while cluster B lost connectivity to storage bridge BrA1.

Referring to the exhibit, which three components need investigation? (Choose three.)

- A. storage bridges BrB1
- B. FC switch SwA1
- C. FC switch SwB1
- D. FC switch SwA2
- E. ISL cables

Answer: BCE

NEW QUESTION 75

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 80

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