# Exam Questions NS0-513

NetApp Certified Implementation Engineer—Data Protection

# https://www.2passeasy.com/dumps/NS0-513/

**NEW QUESTION 1**
Click the Exhibit button.
cluster2::>snapmirror show –instance
Source Path: svm1:svm1_vol3
Destination Path: svm1_2:svm1_2_vol2
Relationship Type: DP
Relationship Group Type: none
SnapMirror Schedule: 5min
SnapMirror Policy Type: async-mirror
SnapMirror Policy: DPDefault
Tries Limit: -
Throttle (KB/sec): unlimited
Mirror State: Snapmirrored
Relationship Status: Idle
Last Transfer Type: update
Last Transfer Error: -
Last Transfer Size: 72 KB
Last Transfer Network Compression Ratio: 1:1
Last Transfer Duration: 0:0:2
Last Transfer From: svm1:svm1_vol3
Last Transfer End Timestamp: 09/24 13:10:04
Progress Last Updated: -
Relationship Capability: 8.2 and above
Lag Time: 0:0:55
Number of Successful Updates: 1
Number of Failed Updates: 0
Number of Successful Resyncs: 0
Number of Failed Resyncs: 0
Number of Successful Breaks: 0
Number of Failed Breaks: 0
Total Transfer Bytes: 212992
Total Transfer Time in Seconds: 5
You want to view your SnapMirros relationship to make sure it is up to date. You issue the snapmirror show
–instance command. Referring to the exhibit, how long has it been since the last SnapMirror update has successfully occurred?

A. 55 minutes
B. 55 seconds
C. 5 minutes
D. 5 seconds

**Answer:** B

**NEW QUESTION 2**
You have created a new CIFS share but it is inaccessible. After verifying the export policy, network connectivity, junction path, and permissions are all correct, you realize there is root volume loadsharing mirror in place.
What should you do next to make the share accessible? Response:

A. Update load-sharing mirror.
B. Update the root volume policy.
C. Re-create the CIFS share.
D. Modify the CIFS share permissions.

**Answer:** C

**NEW QUESTION 3**
Which three cascaded relationship types are supported? (Choose three.)

A. SnapVault from SnapMirror
B. SnapMirror from SnapMirror
C. SnapMirror from SnapVault
D. SnapVault from SnapVault

**Answer:** ABC

**NEW QUESTION 4**
You want to generate performance-related reports and alerts using the OnCommand Unified Manager 6.x server. Which two additional tasks must be completed to enable these features?
(Choose two.)

A. Create a local user with limited Event Publisher role privileges
B. Install and configure OnCommand Workflow Automation.
C. Configure a connection between the Unified Manager server and OnCommand System Manager.
D. Configure a connection between the Unified Manager server and a Performance Manager server.

**Answer:** AD

**NEW QUESTION 5**

After manually implementing a SnapVault relationship between two volumes on two separate clusters, the primary Snapshot copies are working fine. The baseline has been transferred successfully. The relationship is shown as healthy and idle.
However, the updates are not taking place as scheduled on the secondary system. What is causing the problem?

A. The Snapshot copy label has not been set correctly in the used SnapMirror policy.
B. The SnapMirror policy schedule has not been enabled.
C. The SnapMirror access has not been configured.
D. The cluster peering has not been set properly.

**Answer:** A


**NEW QUESTION 6**
Beginning with On Command Workflow Automation 3.0, which feature allows you to download and manage your WFA workflow packs from the NetApp resources.

A. Workflow Automation External Data Sources
B. Workflow Automation Database
C. Storage Automation Store
D. Workflow Automation Community

**Answer:** C


**NEW QUESTION 7**
You are using a MetroCluster configuration. Which two Fibre Channel switch vendors are supported for backend replication?
(Choose two.)

A. Cisco
B. ATTO Technology
C. Brocade
D. QLogic

**Answer:** AC


**NEW QUESTION 8**
A company wants to implement a hybrid cloud backup model for their file services. They want to configure an incremental forever backup that can then push to a public or private cloud.
Which products satisfy this requirement?

A. FlashPool with AltaVault and OnCommand Cloud Manager
B. SnapMirror with SnapCenter Software and AltaVault
C. ONTAP with FlexGroup and OnCommand Unified Manager
D. System Manager with Cloud Sync and NetApp Volume Encryption

**Answer:** B


**NEW QUESTION 9**
You have downloaded a user-created OnCommandWorkFlow Automation (WFA) content pack from the NetApp communities Web site and want to import it into your environment.
Which two statements are true in this scenario? (Choose two.)

A. The file must be imported through the WFA Web portal.
B. You must unpack the zip file before importing it.
C. The .exe file can be run directly on the WFA server.
D. The .obj file can be placed directly in the content folder on the WFA server.

**Answer:** AC


**NEW QUESTION 10**
Your customer has issued the metrocluster heal command. Which two statements are true regarding this command?
(Choose two.)

A. The customer has replaced failed disks in one of the cluster nodes.
B. The customer has to run the command twice.
C. The customer has one node in the site down and wants to heal the cluster.
D. The customer is preparing for a disaster recovery switchback.

**Answer:** AD


**NEW QUESTION 10**
You want to back up a critical Oracle database that resides on a LUN on the NetApp storage system. You decide that a Snapshot copy is the most efficient way to back up the database. You cannot afford to create any down time for the database.
What must you do to ensure that the data in the database is consistent when you create the Snapshot copy?

A. Have the database administrator issue a checkpoint to the database then use SnapDrive for Unix to take the Snapshot copy of the database LUN.
B. Use SnapDrive for Unix to take the Snapshot copy of the database LUN.
C. Use SnapManager for Oracle to take the Snapshot copy backup.
D. Disable SnapDrive for Unix then run the backup from SnapManager for Oracle.

**Answer:** B


**NEW QUESTION 13**
When creating a new workflow in OnCommand Workflow Automation, what is the correct order to apply commands in your new workflow?
Response:

A. numerically 1-to-999
B. left to right, top to bottom
C. largest to smallest
D. alphabetically A-to-Z

**Answer:** B


**NEW QUESTION 14**
You want to find an automated way to handle space utilization in volumes. You have limited space available in your aggregate. Which solution would solve this scenario?

A. Enable aggregate compression.
B. Enable volume autosize.
C. Enable volume level QoS.
D. Enable Snapshot autodelete.

**Answer:** D


**NEW QUESTION 16**
You have multiple load-sharing destinations for a volume in a storage virtual machine. The source volume has become unavailable and you want to make one of the destination volumes the new source.
What happens to the original source volume?

A. The promote operation deletes the original source volume.
B. The promote operation takes the original source volume offline.
C. The initialize operation deletes the original source volume.
D. The original source volume goes offline.

**Answer:** A


**NEW QUESTION 19**
A customer is using SnapVault to backup Snapshot copies from a primary volume to a secondary volume on a clustered Data ONTAP system.
The retention on the secondary volumes must be 90 days. Volume autosize and SnapShotAutoDelete have been enabled for all secondary volumes.
Which two settings will satisfy this requirement? (Choose two.)

A. Modify the secondary volume with the –autosize–reset true command.
B. Modify the secondary volume with the –space-mgmt-try-first snap_delete command.
C. Modify the secondary volume with the –autosize-increment 5GB command.
D. Modify the secondary volume with the –space-mgmt-try-first volume_grow command.

**Answer:** AB


**NEW QUESTION 24**
You decide to enable SnapMirror network compression on your NetApp clustered Data ONTAP environment. Which two statements are correct about enabling this feature?
(Choose two.)

A. The data is compressed only while it traverses the network.
B. The data transfer between the clusters must use the NDMP protocol.
C. You may only enable SnapMirror network compression on one HA pair in a cluster, and traffic 1-1 is limited to routing through those nodes.
D. The compression engine creates multiple transfer threads corresponding to the number of CPUs on the source storage system.

**Answer:** AD


**NEW QUESTION 26**
A volume has been filled completely by active data and Snapshot copies. What must you do to make the volume writable again?

A. Delete files in the active file system.
B. Delete any SnapMirror relationships.
C. Delete enough Snapshot copies until space is available.
D. Modify the Snapshot reserve.

**Answer:** C


**NEW QUESTION 31**
A customer needs to report on the SnapMirror and SnapVault relationships in their cluster. Which two tools provide this information?
(Choose two.)

A. OnCommand Unified Manager

B. Config Advisor
C. OnCommand System Manager
D. OnCommand Insight

**Answer:** AC

**NEW QUESTION 33**
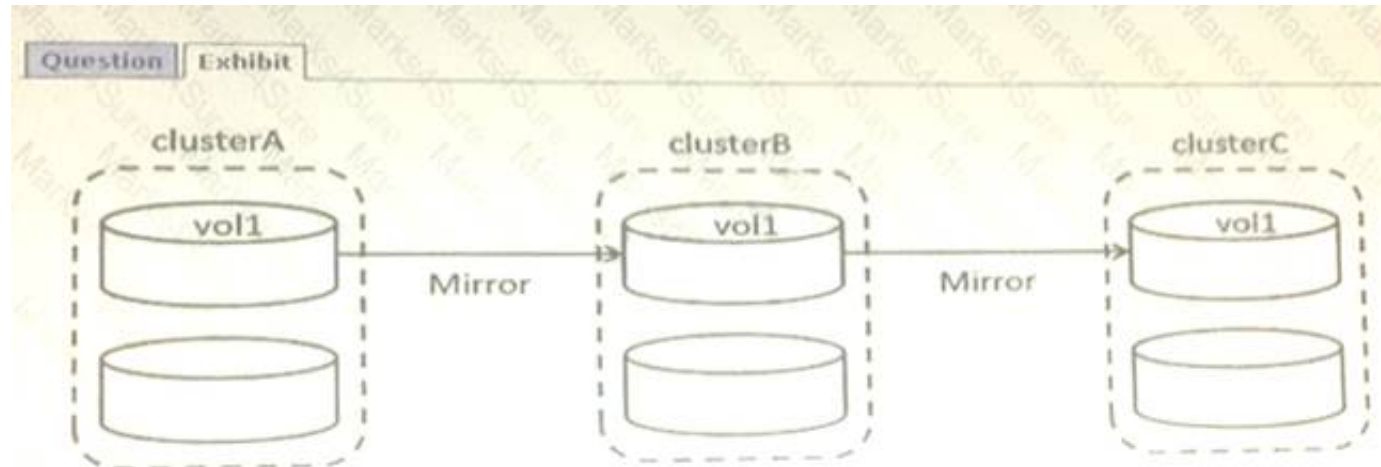You are copying your data and replicating it off site. What is the called?

A. a backup
B. a demonstration
C. a version
D. a Snapshot

**Answer:** A

**NEW QUESTION 35**
Click the Exhibit button.



Refer to the Exhibit. clusterA, clusterB, and clusterC are in a mirror-mirror cascade relationship. clusterB is offline and not recoverable. You want to continue to protect cluster

A. In this scenario, which statement is correct?Response:
B. Resume the relationship between clusterA and clusterC, creating a new baseline.
C. clusterA will continue to be protected "as-is".
D. Synchronize the relationship between clusterA and clusterC, avoiding a new baseline.
E. Create a SnapVault relationship between clusterB and clusterC.

**Answer:** C

**NEW QUESTION 38**
A customer wants to create a new SnapMirror relationship to provide only disaster recovery for their organization. Which relationship type and policy type should they specify in this scenario?

A. DP and XDPDefault
B. XDP and XDPDefault
C. XDP and MirrorAllSnapshots
D. DP and MirrorAndVault

**Answer:** C

**NEW QUESTION 42**
In clustered Data ONTAP, you are creating MirrorAndVault XDP relationships between existing primary and secondary volumes. The Snapshot copy policies have already been created and assigned.
The peering is already established and functional. In clustered Data ONTAP, which three actions should be taken? (Choose three.)

A. Add the inter-cluster LIF to the broadcast domain.
B. Create and initialize the SnapMirror relationship.
C. Set up the retention on the secondary volume.
D. Create the intercluster LIFs.
E. Create the transfer policy.

**Answer:** BCE

**NEW QUESTION 43**
A customer is running clustered Data ONTAP on primary and secondary clusters. The customer is using SnapVault to back up volumes between the clusters.
The customer has good Data ONTAP 7-Mode knowledge and needs to set up two new SnapVault relationships between the clusters on a weekly schedule.
Which solution would you recommend to satisfy this requirement?

A. Use the node shell command line interface.
B. Use the system shell command line interface.
C. Use OnCommand Workflow Automation.
D. Use OnCommand System Manager.

**Answer:** D

**NEW QUESTION 45**
Click the Exhibit button on the right.



Referring to the exhibit, which two tiers are monitored in the volume capacity? (Choose two)

A. metadata
B. licensed
C. capacity
D. performance

**Answer:** CD

**NEW QUESTION 50**
You are implementing version flexible SnapMirror in a clustered Data ONTAP environment. Which type of SnapMirror policy would be used?

A. sync-mirror
B. version-flexible
C. async-mirror
D. vault

**Answer:** C

**NEW QUESTION 53**
You want to conserve disk space in your SnapVault destinations. You enable storage efficiency on each of the secondary volumes. Which two statements are true in this scenario?
(Choose two.) Response:

A. Storage efficiency can be enabled on the secondary volume and SnapVault will manage the schedule.
B. Storage efficiency can be enabled on the secondary volume, but a manual schedule will need to be assigned.
C. If storage efficiency is enabled on the primary volume, it will be preserved on the secondary volume.
D. SnapVault implicitly uses storage efficiency.

**Answer:** AC

**NEW QUESTION 54**
All of your CIFS file shares reside on a single NetApp volume. You are asked to ensure that your files are kept for seven days locally, and for 30 days off-site. What is the correct solution?

A. Use SnapVoult locally for 7 days and use SnapMirror to a remote system for 30 days.
B. Use SnapMirror locally for 7 days and use SnapMirror to a remote system for 30 days.
C. Use SnapVoult locally for 7 days and use Snapshot to a remote system for 30 days.
D. Use Snapshot locally for 7 days and use SnapVault to a remote system for 30 days.

**Answer:** A

**NEW QUESTION 58**
You want to provide your team with a SnapProtect report that shows how many backups succeeded, were delayed, and failed over the last 30 days. You also want detailed information about the jobs, agents, and clients.
Which CommCell report provides the necessary information?

A. Backup Job Summary
B. Activity
C. Health
D. SLA

**Answer:** A

**NEW QUESTION 61**
What are two reasons why the status of the SnapMirror relationship is showing ~Healthy: false~? (Choose two.)

A. A manual update has failed.
B. It has missed a scheduled transfer.
C. The lag time has exceeded the threshold.
D. A transfer operation is in progress.

**Answer:** AB

**NEW QUESTION 62**
A customer wants to maintain a single copy for both disaster recovery and backup on a secondary system. Which SnapMirror policy and relationship type should

be used?
Response:

A. Mirror And Vault/Relationship Type DP
B. Mirror And Vault/Relationship Type XDP
C. Mirror And Vault/Relationship Type TDP
D. Mirror And Vault/Relationship Type LS

**Answer:** B


**NEW QUESTION 64**
Which two NetApp products reduce the backup time and create a consistent backup for a primary Oracle target?
(Choose two.)

A. SnapMirror for Open Systems
B. Open Systems SnapVault
C. SnapManager for Orade
D. SnapProtect

**Answer:** CD


**NEW QUESTION 66**
A client is planning to configure a SnapMirror relationship between two sites. Normally their ISP provides network throughput of 100 Mbps; however, they can arrange to have this burst to 1 Gbps for a period of time at an additional cost.
Their intention is to back up 400 GB of Snapshot data each day using the burst option to keep the replication time to a minimum. In this scenario, how much burst time do they need to purchase?

A. 15 minutes
B. 30 minutes
C. 45 minutes
D. 60 minutes

**Answer:** C


**NEW QUESTION 71**
You do not want to impact your ongoing SnapMirror relationship between your primary and secondary site. Which step must be taken prior to creating a FlexClone at the disaster recovery site?

A. Cascade the SnapMirror destination volume to another SnapMirror destination.
B. Create a Snapshot copy of the SnapMirror destination volume.
C. Cascade the SnapMirror destination volume to another SnapVault destination.
D. Create a Snapshot copy of the SnapMirror source volume and wait for it to transfer.

**Answer:** D


**NEW QUESTION 72**
You are using SnapLock for SnapVault to protect Snapshot copies on secondary storage. In ONTAP 9.3, which source aggregate feature is supported in this scenario?

A. SnapLock Enterprise
B. SnapLock Compliance
C. 32 bit
D. RAID-TEC

**Answer:** D


**NEW QUESTION 74**
You want to configure a SnapMirror transfer throttle to consume less network bandwidth. In the output of the snapmirror show command, which three statistics would you use?
(Choose three.) Response:

A. Last Transfer Type
B. Last Transfer Size
C. Total Transfer Time in Seconds
D. Last Transfer Error
E. Last Transfer Duration

**Answer:** BCD


**NEW QUESTION 79**
What are two capabilities enabled by Snapshot copies? (Choose two.)

A. Change the volume language of a secondary Snapshot copy.
B. Recover previous versions of a file that was deleted.
C. Write to the Snapshot copy.
D. Create a clone of a FlexVol volume.

**Answer:** BD

**NEW QUESTION 80**
Your customer complains that their NDMP application can back up data only on a specific NetApp cluster node. You know the customer has recently upgraded all their cluster nodes to clustered Data ONTAP.
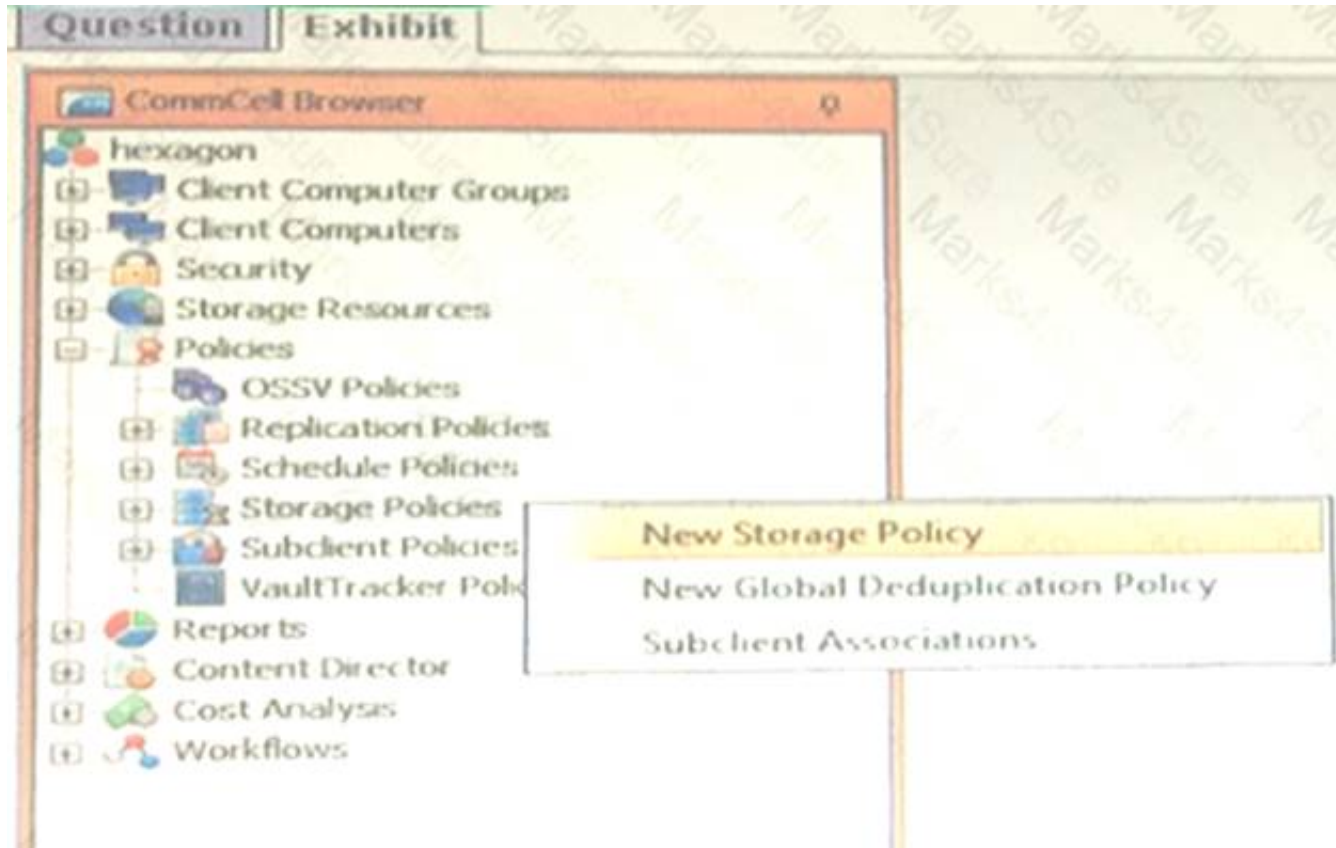What would you recommend to solve their NDMP problems?

A. Have the customer verify their firewall configuration to allow the NDMP control connection to pass from one cluster node to the other.
B. The NDMP environment variables should be configured to allow the Node-Scoped behavior to backup data on any cluster node.
C. Have the customer implement a scripted solution to move their NDMP data and control connections to the necessary cluster node.
D. Change their NDMP configuration from Node-Scoped to SVM-Scoped mode.

**Answer:** D

**NEW QUESTION 85**
Click the Exhibit button.



You have a SnapProtect v11 environment as shown in the exhibit. What are the two default Snapshot copies created automatically after creating a Storage Policy. (Choose two.)

A. Primary (Tape)
B. Primary (Classic)
C. Primary (NetApp)
D. primary (Snap)

**Answer:** BD

**NEW QUESTION 88**
Your customer wants to implement version flexible SnapMirror relationships. You want to advise the customer about some of the NetApp best practices regarding version flexible SnapMirror relationships.
Which two statements are true in this scenario? (Choose two.)

A. The customer will need to upgrade clustered Data ONTAP on one cluster.
B. The frequency for replicating volumes must be greater than 60 minutes when the versions of clustered Data ONTAP are not the same.
C. You can create a relationship that transfers a specified set of Snapshot copies in addition to the SnapMirror created Snapshot copies.
D. You can set up version flexible SnapMirror relationships between Storage Virtual Machines, L—J but not clusters.

**Answer:** BC

**NEW QUESTION 93**
You want to have a NetApp FlexVol that can both grow and shrink dynamically as required by current capacity needs. Which settings will enable this feature?

A. This can be enabled with the grow_shrink volume autosize mode
B. This can be enabled with the grow volume autosize mode.
C. This can be enabled with the modify volume efficiency option.
D. This can be enabled with the inline-compression volume efficiency option.

**Answer:** A

**NEW QUESTION 98**
You want to perform a health check of the MetroCluster synchronization status. Which two actions should you perform?
(Choose two.)

A. Run the MetroCluster Health Check tool from your administration host.

B. On the cluster shell, use the metrocluster replication show command.
C. In On Command System Manager, go to the Cluster in the Metro Cluster section.
D. On the cluster shell, use the metrocluster check run command.
E. In On Command Unified Manager, go to the Cluster in the MetroCluster tab.

**Answer:** BE


**NEW QUESTION 103**
A customer wants to modify the retention count of the SnapVault destination volume. Which policy should be used modify the attribute?

A. Snapshot policy
B. Volume policy
C. SnapMirror policy
D. Efficiency policy

**Answer:** C


**NEW QUESTION 108**
You want to break a SnapMirror relationship and use a specific secondary Snapshot copy. In an ONTAP environment, what should you do?
Response:

A. You must use the following ~snapmirror break~ command option on the cluster shell:~-restore-destination-to-snapshot <snapshot_name>~.
B. You must use OnCommand System Manager to perform the SnapMirror break.
C. You can only use the latest Snapshot copy.
D. You must use the following ~snapmirror break~ command option on the cluster shell:~-delete-snapshots <snapshot_name>~.

**Answer:** A


**NEW QUESTION 113**
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