

NS0-513 Dumps

NetApp Certified Implementation Engineer—Data Protection

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NEW QUESTION 1

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 2

You must back up and replicate a Microsoft SQL server using SnapProtect in your clustered Data ONTAP environment. Which three components must be correctly installed and configured?

(Choose three.)

- A. SnapDrive for Windows
- B. On Command Workflow Automation
- C. On Command Unified Manager 6.0
- D. SnapProtect v10
- E. SnapProtectiDataAgent

Answer: BCE

NEW QUESTION 3

A client decided to transition from a NetApp Storage Encryption environment that uses a KMIP-based centralized key management server to a NetApp Volume Encryption environment that uses onboard key management.

Which two steps are required to complete this task? (Choose two.)

- A. You must set the manufacturer secure ID (MSID) on each encrypted disk to 0x0.
- B. Cluster-wide FIPS compliance mode must be enabled on all nodes in the cluster.
- C. You must use the volume-move command to un-encrypt the storage system's encrypted volumes.
- D. All connections to the external key manager server must be disconnected.

Answer: AD

NEW QUESTION 4

Which two statements describe a Snapshot copy prefix? (Choose two.)

- A. The Snapshot copy prefix allows the Snapshot copy name to be longer than 255 characters.
- B. A prefix is a numerical string used to identify the number of Snapshot copies in the volume.
- C. A Snapshot copy prefix must be unique within the Snapshot copy policy.
- D. A prefix is an optional string that you can specify to be used in creating automatic Snapshot copies.

Answer: CD

NEW QUESTION 5

On a Windows host, you want to make a consistent database backup of a physical SQL server where the database is on iSCSI-connected LUNs on a clustered Data ONTAP system.

In addition to SnapDrive for Windows, which three NetApp software products should be installed to satisfy this requirement?

(Choose three.)

- A. Microsoft iSCSI Software Initiator
- B. On Command Workflow Automation
- C. On Command Unified Manager
- D. iSCSI Host Utilities
- E. Snap Manager for SQL

Answer: ADE

NEW QUESTION 6

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 7

You need to restore a file from yesterday's backup. You know that a Snapshot copy is in place on the volume where the data is stored. Other users are not complaining about lost or corrupt data on the volume.

All users are running Windows 7 on desktop computers. How would you recover the file quickly without disrupting other users' data?

- A. Perform a SnapRestore of the entire volume where the file resides.
- B. Have the customer reboot the Windows computer to see if the file is really corrupt.
- C. Have the user right-click on the file in the Windows folder, then select "Restore previous versions" from the list of choices.
- D. Call the backup administrator and have them load the tape from yesterday's backup and restore the file.

Answer: C

NEW QUESTION 8

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 9

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 10

You want to ensure that a particular version of SnapManager for SQL is supported in a configuration. Which three components need to be verified in the Interoperability Matrix?

(Choose three.)

- A. On Command Unified Manager version
- B. SnapDrive version
- C. FC HBA firmware
- D. SnapManager version
- E. Data ONTAP version

Answer: BDE

NEW QUESTION 10

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 15

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 20

You have a NAS volume containing 100 GB of data and daily change rate of 10%. You want to keep seven daily Snapshot copies. What is the minimum size for the volume?

- A. 170 GB
- B. 100 GB
- C. 110 GB
- D. 220 GB

Answer: A

NEW QUESTION 21

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 26

Your customer wants to replicate data between two NetApp clusters in different data centers. Which two actions must be performed to accomplish this task? (Choose two.)

- A. A peer relationship must be created between the two clusters.
- B. One inter-cluster LIF on each node must be configured.
- C. Every controller in both clusters must have at least one inter-cluster LIF configured.
- D. Every inter-cluster LIF must be configured on the same port with a data LIF.

Answer: AB

NEW QUESTION 30

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 32

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 36

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 38

Your customer wants to implement a SnapVault relationship, but is concerned that the initial transfer will use up all of their network bandwidth. Which solution should you recommend to the customer?

- A. Use the SMTape functionality to back up the source volume to tape and use the tape to transfer the basesnapshot copy to the destination volume.
- B. Set up a SyncMirror relationship to a NetApp controller in the same data center, than ship the controller to the destination site.
- C. Manually copy each directory from the source volume to the destination volume during times when the network utilization is low.
- D. Enable volume efficiency on the destination volume.

Answer: A

NEW QUESTION 41

You have a network outage that affects client access to site

- A. You need to temporarily reverse the SnapMirror relationship of a volume to serve data from site
- B. Which two steps must you perform first?(Choose two.) Response:
- C. Take the source volume offline.
- D. Break the SnapMirror relationship.
- E. Delete the SnapMirror relationship.

F. Abort the SnapMirror relationship.

Answer: AB

NEW QUESTION 44

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 49

Which clustered Data ONTAP technology replicates only the changed blocks of a volume for point-in-time restores?

- A. NDMP copy
- B. FlexClone volume clone
- C. Snapshot copies
- D. SnapVault replication

Answer: C

NEW QUESTION 50

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 54

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 57

You are calculating transfer time for SnapMirror replication between two NetApp clusters. Which three factors should be included in your consideration? (Choose three.)

- A. data size to transfer
- B. SnapMirror schedule
- C. TCP window size
- D. latency between clusters
- E. retention policy

Answer: ACD

NEW QUESTION 58

You are installing a MetroCluster for clustered Data ONTAP consisting of FAS8080s. How are the high-availability interconnects cabled?

- A. High-availability interconnects are only needed for the remote connections between the nodes.
- B. High-availability interconnects are cabled both locally and remotely between the nodes.
- C. High-availability interconnects between the nodes are not needed.
- D. Each high-availability pair controller is cabled to its local partner.

Answer: B

NEW QUESTION 62

Click the Exhibit button on the right.

Tier	Allocated Capacity	EBS Used Capacity	S3 Used Capacity
GP2+S3 Tier	1,000 GB	675.49 MB	39.30 GB

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 63

In which two scenarios would a SnapMirror policy be applied? (Choose two.)

Response:

- A. a log file
- B. a storage virtual machine
- C. a data protection mirror relationship
- D. a SnapVault relationship

Answer: CD

NEW QUESTION 66

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 68

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 69

A previous administrator had configured an external backup system to use node-scoped NDMP for backups, but you want to change this system to use SVM-scoped NDMP. How do you make this change in ONTAP?

- A. Turn off node-scoped NDMP on the SVMs being backed up.
- B. Restart the NDMP service on the cluster.
- C. Restart the NDMP service on the SVMs being backed up.
- D. Turn off node-scoped NDMP on the cluster.

Answer: D

NEW QUESTION 72

You must determine if there have been any backup problems overnight. Which two reports in OnCommand Unified Manager 6.2 would provide you with the required information?

(Choose two.)

- A. Unresolved Incidents and Risks area
- B. On Command Unified Manager Dashboard
- C. On Command Cluster Events Details
- D. On Command Job Events Details

Answer: BD

NEW QUESTION 77

What is a NetApp Snapshot copy?

- A. a SnapVault target
- B. a read-only copy of a FlexVol
- C. a SnapMirror destination volume

D. a SnapProtectMediaAgent

Answer: B

NEW QUESTION 80

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 Oracle
- D. SnapProtect

Answer: CD

NEW QUESTION 85

What are two NetApp data protection solutions? (Choose two.)

- A. RecoverPoint
- B. SnapMirror
- C. TimeFinder
- D. SnapVault

Answer: BD

NEW QUESTION 88

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 93

Your disaster recovery strategy requires a mirror, an archive, and a tape backup. Which software would you recommend for this scenario?

- A. OnCommand System Manager
- B. OnCommand Workflow Automation
- C. SnapProtect
- D. OnCommand Unified Manager

Answer: C

NEW QUESTION 98

How are the FC-VI links cabled in MetroCluster for ONTAP?

- A. one cable to each of the two local FC switches
- B. controller A is cabled to FC switch A, controller B has both cabled to FC switch B
- C. directly to the corresponding local HA partner
- D. directly to the corresponding remote HA partner

Answer: A

NEW QUESTION 101

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 102

Click the Exhibit button on the right.



You have an AFF A300 controller with four volumes in the aggregate that is shown in the exhibit. You replicate all four volumes to one aggregate on a FAS8200 controller in a different cluster.

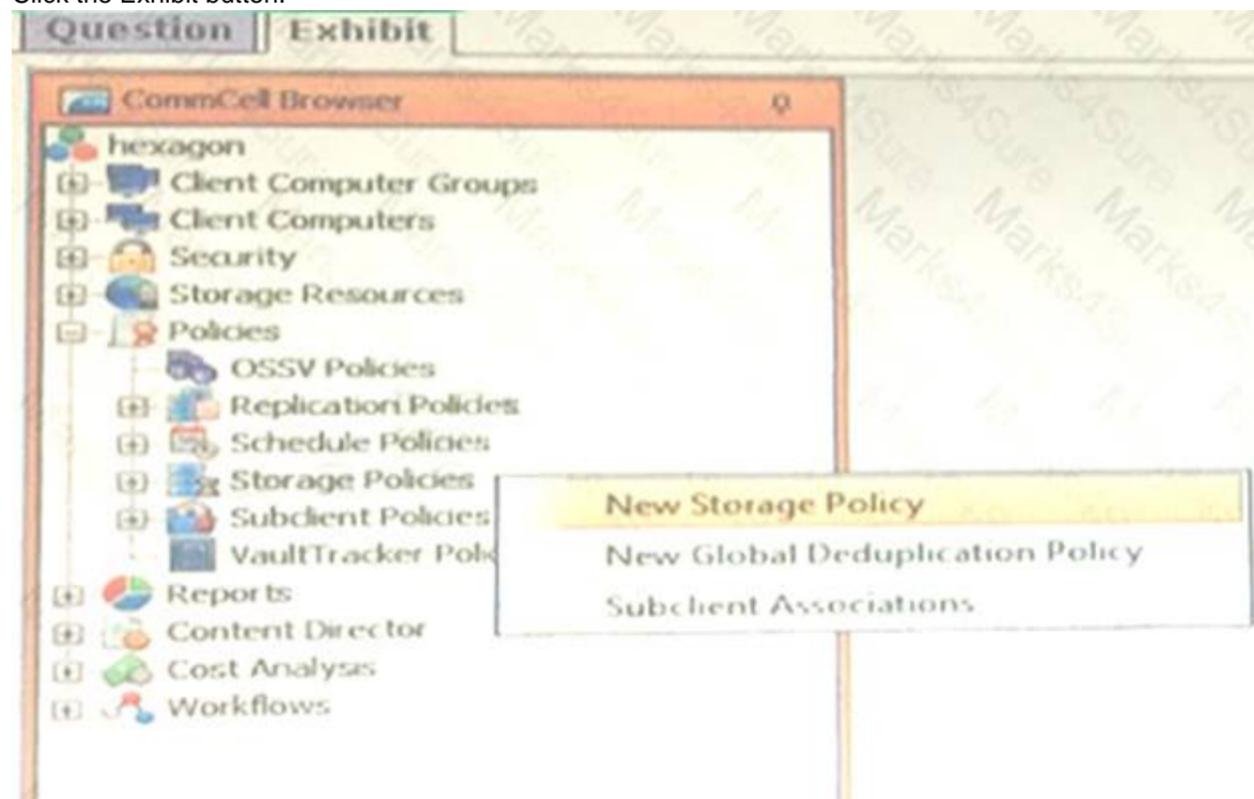
Referring to the exhibit, what are the storage efficiency savings on the destination FAS8200?

- A. 1.5:1
- B. 2:1
- C. 4.28:1
- D. 5.78:1

Answer: D

NEW QUESTION 105

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 109

You have a VMware VSphere environment with SRM and NetApp SRA fully configured. Which two statements are true? (Choose two.)

- A. NetApp SRA supports both LUN attached and NFS mounted datastores.
- B. NetApp SRA supports the use of the FC protocol at one site and the iSCSI protocol at the other site.
- C. NetApp SRA supports the failover of SnapVault and SnapMirror relationships.
- D. NetApp clustered Data ONTAP supports a mixed ALUA configuration where some igroups have ALUA enabled and others do not.

Answer: AB

NEW QUESTION 113

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 117

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 121

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 125

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 130

You have a network outage that affects client access to site

- A. You need to temporarily reverse the SnapMirror relationship of a volume to serve data from site
- B. Which two steps must you perform first?(Choose two.)
- C. Take the source volume offline.
- D. Break the SnapMirror relationship.
- E. Delete the SnapMirror relationship.
- F. Abort the SnapMirror relationship.

Answer: AB

NEW QUESTION 131

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