

EMC

Exam E20-585

Specialist - Systems Administrator, Data Domain Exam

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[Total Questions: 10]

Question No : 1

What is a best practice recommendation for Veritas NetBackup servers configured for VTL backups to Dell EMC Data Domain systems?

- A. Disable concurrent write streams
- B. Disable multiplexing
- C. Disable multistreaming
- D. Disable fragment size

Answer: B

Explanation:

Multiplexing, compression, and encryption of backup data were introduced to provide read parallelism as well as enhanced security and performance during backups. Backing up to a Data Domain system is inherently more secure than tape, and does not suffer performance degradation due to slow backup streams. Thus the recommendation is to disable any of these features when using a Data Domain system as the target for RMAN.

References:

<https://community.emc.com/docs/DOC-35348>

Question No : 2

A backup administrator has configured multiple data movement policies on their Dell EMC Data Domain system that is configured with Extended Retention. They want to remove expired data from the retention tier.

Which feature is used to complete the task?

- A. Garbage collection
- B. Manual deletion from archive tier
- C. Data movement policy
- D. Space reclamation

Answer: D

Question No : 3

In a DD Boost environment, which storage is supported when using a Dell EMC ProtectPoint solution?

- A. Unity
- B. VMAX
- C. VMAX3
- D. VNX

Answer: C

Explanation:

The direct connection between the primary storage and Data Domain requires Dell EMC storage – specifically VMAX All Flash, VMAX3 or XtremIO.

References:

<https://community.emc.com/community/products/data-domain/blog/2016/10/19/dell-emc-kept-the-app-owner-in-mind-with-these-new-updates>

Question No : 4

What is a characteristic of NFS on a Dell EMC Data Domain system?

- A. Allows 800 simultaneous connections
- B. Only default directory is /backup
- C. Reboot required for enabling or disabling the service
- D. Supports 128 exports

Answer: A

Question No : 5

In an SMT environment, which Dell EMC Data Domain role is responsible for scheduling and running the backup application?

- A. Limited Admin
- B. System Admin
- C. Tenant Admin
- D. Tenant User

Answer: C

Explanation:

SMT = secure multi-tenancy.

References:

<https://www.emc.com/collateral/white-papers/h14474-dd-smt-replication-service-solution-brief.pdf>

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Question No : 6

Which Dell EMC Data Domain architecture provides fast and efficient deduplication while minimizing disk access?

- A. SISL
- B. DSP
- C. NVRAM
- D. DIA

Answer: B

Explanation:

The distributed segment processing (DSP) component, which reviews the data already stored on the Data Domain system and adds only unique data to storage.

Question No : 7

By default, when is file system cleaning performed on a Dell EMC Data Domain system that is enabled with Extended Retention?

- A. After data movement
- B. Tuesday at 6.00 am
- C. Before data movement
- D. Daily at 6.00 am

Answer: B

Explanation:

A default schedule runs the clean operation every Tuesday at 6 a.m. (tue 0600)) with 50% throttle.

References:

<https://community.emc.com/docs/DOC-32486>

Question No : 8

A backup administrator has enabled encryption on a Dell EMC Data Domain system. They are currently trying to change the encryption passphrase.

What is a consideration when changing the encryption passphrase?

- A. User with Admin role is sufficient to change the passphrase

- B. Passphrase can be only changed from the command line
- C. Encryption must be disabled to change the passphrase
- D. File system must be disabled before changing the passphrase

Answer: A

Explanation:

The file system must be disabled to change the passphrase. If the file system is running, you are prompted to disable it.

References:

Dell EMC Data Domain Operating System Version 6.1, Administration Guide, page 86

Question No : 9

An organization has Secure Multi-Tenancy and DD Boost enabled on a Dell EMC Data Domain system. Using a Dell EMC NetWorker server, they back up their data to a DD Boost storage unit named “payroll” on the Data Domain system.

Where is the backup data stored on the Data Domain system?

- A. /data/col1/payroll
- B. /data/col1/<tenantname>/su/payroll
- C. /data/col1/<tenantname>/payroll
- D. /data/col1/su/payroll

Answer: A

Question No : 10 DRAG DROP

During a DD Boost MFR operation, what is the correct sequence of steps followed by Dell EMC NetWorker?

Replication between the local and remote Data Domain systems proceeds	STEP 1
NetWorker storage node sends backup data to the Data Domain system	STEP 2
Replication completes and information about the clone copy of the data set is updated in the NetWorker media database	STEP 3
Data Domain system signals that the backup is complete	STEP 4
NetWorker storage node initiates replication of the primary backup to the remote Data Domain system through a clone request	STEP 5

Answer:

Replication between the local and remote Data Domain systems proceeds	NetWorker storage node initiates replication of the primary backup to the remote Data Domain system through a clone request
NetWorker storage node sends backup data to the Data Domain system	NetWorker storage node sends backup data to the Data Domain system
Replication completes and information about the clone copy of the data set is updated in the NetWorker media database	Replication between the local and remote Data Domain systems proceeds
Data Domain system signals that the backup is complete	Replication completes and information about the clone copy of the data set is updated in the NetWorker media database
NetWorker storage node initiates replication of the primary backup to the remote Data Domain system through a clone request	Data Domain system signals that the backup is complete

Explanation:

NetWorker storage node initiates replication of the primary backup to the remote Data Domain system through a clone request

NetWorker storage node sends backup data to the Data Domain system

Replication between the local and remote Data Domain systems proceeds

Replication completes and information about the clone copy of the data set is updated in the NetWorker media database

Data Domain system signals that the backup is complete

Note: Managed File Replication (MFR).