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**Exam** : **E20-329**

**Title** : Technology Architect  
Backup and Recovery  
Solutions Design Exam

**Version** : Demo

1. An EMC Avamar customer's Gen-1 system with 4 TB of GSAN capacity has reached read-only threshold. The customer indicates that the deduplicated backup data accounts for approximately 3.5 TB. What is the most likely cause for the read-only threshold being reached?

- A. Deduplication rate is less than expected, accounting for the remaining GSAN capacity
- B. Combination of system overhead, logs, and checkpoints account for the remaining GSAN capacity
- C. RAIN overhead accounts for the remaining available GSAN capacity
- D. Checkpoints and logs account for the remaining GSAN capacity

**Answer: C**

2. A customer has an operational EMC NetWorker environment using an Avamar deduplication node. They want to protect the Avamar deduplication node using replication. The customer has approached EMC for advice on what considerations they should take into account. What is a consideration in this environment?

- A. NetWorker automatically configures all replication targets associated with a given deduplication node
- B. Scheduled replications of a NetWorker deduplication node must be set up in Avamar
- C. Recovery from the replications node must be performed from Avamar Administrator
- D. Scheduled replications of a NetWorker deduplication node must be set up in NetWorker

**Answer: B**

3. The EMC account team has been asked to design a NetWorker backup solution with the following requirements.

- 1. One copy of backup data needs to be stored locally.
- 2. An additional copy of backup data needs to be stored on tape at an offsite location.

What should be done to satisfy the new regulations with minimal impact to the current backup performance?

- A. Clone to tape and send the clone copy to the remote location
- B. Back up the data concurrently to the remote and local locations
- C. Archive the backup data to the remote location
- D. Archive the data to the remote location before being backed up locally

**Answer: B**

4. An organization is backing up a combination of databases, e-mail, and file system data types in their data center to a Data Domain appliance using a single backup server. The backup system administrator creates separate subdirectories for each of the three data types under the default share.

What benefit is provided by this approach?

- A. Analyze compression with more granularity
- B. Simplify backup device configuration
- C. Enhance performance of the database backup
- D. Improve file system cleaning performance

**Answer: A**

5. A customer has a new Avamar server with four 2 TB data nodes. This server is backing up two Avamar clients. The first client has 8 GB of RAM and two file systems. The first file system has 3 million files consuming 75 TB. The second file system contains 5 million files consuming 1 TB of space. The second

client has 10 GB of RAM and one file system containing 4 million files consuming 1.2 TB of space. Both clients will belong to the same backup group.

How long will the steady-state backup group be expected to run?

- A. 5 hours
- B. 6 hours
- C. 7 hours
- D. 8 Hours

**Answer: A**