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**Vendor:**EMC

**Exam Code:**E20-329

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

**Version:**Demo

### QUESTION 1

An EMC NetWorker backup environment has 300 clients distributed among three subnets. All clients send their backup to the NetWorker server. The customer is experiencing poor performance during backups.

Which modification to the existing environment will improve the backup performance at minimal cost?

- A. Convert an existing client with the most data to back up to a storage node in each subnet
- B. Install a new host to act as a storage node in each subnet
- C. Convert an existing client with the least data to back up to a storage node in each subnet
- D. Convert all large clients into dedicated storage nodes

Correct Answer: A

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### QUESTION 2

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

Correct Answer: B

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### QUESTION 3

An EMC Avamar customer has added a new file system client to their moderately full Avamar single-node server.

The single-node server is running in steady state and the initial backup is complete.

What is the estimated time to backup this file server of 3 million files each night?

- A. Less than 1 hour
- B. 1 - 2 hours
- C. 3 - 4 hours
- D. 5 - 6 hours

Correct Answer: C

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#### QUESTION 4

A customer has a current EMC NetWorker LAN backup environment. The environment is using a local EMC Disk Library (EDL) with replication to a remote disaster recovery site. They want to introduce a four Data Mover Celerra into their environment for consolidated Windows user collaborative data on CIFS shares.

Which backup deployment would you suggest that has the least disruptive hardware impact to the customer's current backup procedure?

- A. Implement a dedicated network link between two primary Data Movers on the Celerra and use NDMP three-way backup to back up to directly attached tape devices
- B. Utilize the Celerra NDMP2D feature on a second primary Data Mover and use NDMP-to-Disk backup to save the first primary Data Mover data to internally configured virtual tapes
- C. Implement a segmented dedicated backup network infrastructure and LAN backup the Celerra data to their existing backup servers
- D. Directly attach an EDL, through Fibre Channel, to the production Data Mover and use NDMP to back up the production Data Mover data to the EDL

Correct Answer: B

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#### QUESTION 5

A potential EMC customer has a T1 circuit between their production data centre and their disaster recovery data centre that are 2,000 miles apart. They currently backup their Linux systems to physical tape using HP Data Protector. They backup an average of 20 TB each night.

The customer wants a backup solution that improves backup and restore reliability, reduces overall costs, and eliminates physical tape.

What is the recommended solution?

- A. Data Domain with replication over IP
- B. EMC Disk Library with Remote Copy over IP
- C. EMC Disk Library with Consolidated Media Management over FC
- D. Data Domain with OST and replication over IP

Correct Answer: A

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**QUESTION 6**

A customer requires support for 60 MTrees on a single Data Domain System. At most, 50% of the MTrees will be active at the same time.

Which Data Domain system fulfills the customer's requirements?

- A. DD7200
- B. DD2500
- C. DD870
- D. DD160

Correct Answer: A

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**QUESTION 7**

A new customer wants to use EMC NetWorker to protect the servers in their environment. One of their requirements is that NetWorker be configured with the NetWorker server clustered for high availability.

What is required for the NetWorker server to be used in this configuration?

- A. NetWorker Power Edition license
- B. NetWorker Cluster Client licenses
- C. A separate NetWorker Network Edition license for each physical node that makes up the cluster
- D. An additional storage node license for each physical node that makes up the NetWorker server cluster

Correct Answer: A

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**QUESTION 8**

Refer to Scenario

When using EMC NetWorker and DD Boost, what are the recommended maximum concurrent backups for the VADP proxy server?

- B. 50
- C. 100
- D. 160

Correct Answer: C

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### QUESTION 9

A Symantec NetBackup customer is planning to add a second data center. They would like to leverage deduplication technology to improve backup operations and disaster recovery with a minimum amount of change to their existing backup environment. The customer's primary design goals are:

1.

Improve backup performance

2.

Electronic vaulting for disaster recovery

3.

Maintain NetBackup as their primary tool for backup control and visibility

What should be included with a high-end Data Domain appliance?

A. NetBackup OST

B. 8 GB Fibre Channel

C. iSCSI over 10 GB Ethernet

D. CIFS protocol over 10 GB Ethernet

Correct Answer: B

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### QUESTION 10

An existing Avamar customer wants to add a new large client to their Avamar system. This is a moderately full Avamar single-node server running in steady-state.

What is the estimated time to ingest the customer's large file system if the size, after deduplication, is 10 GB?

A. 10 - 20 minutes

B. 30 minutes

C. 1 hour

D. 2 - 4 hours

Correct Answer: D

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### QUESTION 11

In an EMC Data Domain environment, what is a supported Extended Retention replication configuration?

A. Collection replication from the active tier to the Retention Unit

- B. MTree replication directly to the Retention Unit on the target
- C. Collection replication from the GDA to the Retention Unit
- D. Directory replication from the GDA to the Retention Unit

Correct Answer: A

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## **QUESTION 12**

A customer is interested in using a Remote Copy policy to replicate data between two single- engine EMC Disk Library (EDL) systems. The customer is concerned about the readiness of replicated tapes in case of a failure on the source system.

What can be done to minimize the exposure on the target?

- A. Use small virtual tapes
- B. Implement a TCP network accelerator
- C. Use jumbo frames
- D. Increase the number of EDL ports connected to the IP network

Correct Answer: A