

Dell EMC DEE-1421 Exam

Volume: 60 Questions

Question: 1

A company uses the Dell EMC Isilon cluster's A200 nodes for short-term archiving of digitized film.

Historical and trending information shows that the cluster capacity will reach 90% full in 60 days. To avoid the need to purchase additional A200 nodes, the company requires a solution that archives data not accessed for 18 months to a more cost-effective platform. The long-term archive data must be online and accessible.

Some performance loss is acceptable.

Which IT strategy provides a long-term solution that meets the requirements?

- A. Use a CloudPools policy to move the target data to an ECS-powered cloud
- B. Use NDMP to backup to disk using compression and deduplication
- C. Use SyncIQ to replicate the archive to the H600 nodes on the secondary cluster
- D. Use data deduplication on archived data not accessed within 180 days

Answer: B

Question: 2

Refer to the exhibit.

Case Study 1

A company has several independent business units that operate globally. The company has consolidated its IT infrastructure services and operations. Common infrastructural services which include IPAM, DNS, NTP, DHCP, and SMTP have been consolidated. The company has complemented its infrastructure development by investing in Dell EMC Isilon clusters to host its user's home and group directories and for compliance archival purposes required by individual business units.

The IT operations are located in India and the United States with its primary data center facilities co-located between New York and Texas. The company has a total of 60 AD forests:

- . 1 main domain
- . 55 domains have one-way trust relationships with the main domain

An additional 4 domains do not have any trust relationship with no future plans of establishing trust relationships with the other domains.

Users of different AD domains use different FQDN to access their corresponding file services. Additionally, the company does not plan to consolidate the AD domains and each domain uses a different IP subnet. The users of the domains with no trust relationships have a compliance archival requirement. The company wants all data to be replicated between New York and Texas.

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What is the minimum number of replication policies that are required to facilitate granular failover and failback capabilities for each AD domain?

- A. Only one replication policy per Access zone
- B. Two replication policies for each Access zone, one for regular data and one for the Smartlock directory
- C. One replication policy per Access zone with an additional replication policy for each SmartLock directory
- D. One replication policy for all data on the cluster

Answer: B

Question: 3

A company is planning to add eight additional nodes to their existing 4-node Dell EMC Isilon cluster. If the administrator plans to add all eight nodes at the same time without causing any outage, what is the result of the action?

- A. OneFS will not proceed with the addition
- B. All nodes will be added without errors
- C. Quorum will be lost
- D. All nodes will be added with errors

Answer: B

Question: 4

A company wants to purchase four new Dell EMC Isilon H500 nodes to add to their current Gen 5 cluster.

Which internal requirements are needed?

- A. Replace the IB switches with Ethernet switches
- B. Gen 6 nodes cannot be mixed with Gen 5 nodes
- C. Add two new Ethernet switches in addition to the existing IB switches

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D. Use the existing IB switches

Answer: C

Question: 5

The DobiMigrate used to migrate data from a third-party platform to a Dell PMC isilon cluster less than 50 GB of NFS, SMB, and multi-protocol data will be migrated. What are the minimum requirements for the migration?

- A. Core serve and no proxy servers
- B. Core server and one proxy server
- C. Core server and two proxy servers
- D. Core server and three proxy servers

Answer: C

Question: 6

Refer to the exhibit.

Case Study 3

A financial services company has file sharing workflows and 2000 home directories which include 70% Microsoft Windows and 30% Linux. The Security team is also interested in credit card usage data analytics such as point of sale, geolocation, and authorization and transaction data. Home directories and file shares do not require D@RE or SEC compliance.

However, due to the sensitivity of the credit card data, the company requires D@RE for credit card information and must adhere to the U.S. SEC 17a-4(f) compliance standards. Additionally, they are interested in auditing user access and anti-virus features.

The compute and storage environment consists of the following:

- . 200 TB of Fibre Channel drives on NetApp ONTAP 7
- . Environment is expected to grow 200 TB over the next three years

Which type of encryption is used in a D@RE-enabled Dell EMC Isilon cluster?

- A. 128-M AES encryption key
- B. 256-bit AES encryption Key
- C. 1024-bit SKA encryption key
- D. 2048-bit SHA encryption hey

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Answer: B

Question: 7

A company's HPC environment is using Dell EMC Isilon Gen 6 nodes. They have additional throughput requirements and have asked for your recommendations. The environment consists of two subnets:

. Mgmt-subnet: 1x1-GigE interface in the "mgmt-pool" for management traffic on a VLAN-tagged management network in an Isilon default System Access zone.

. Data-subnet: 2x10-GigE aggregated interfaces in the "data-pool" for data traffic on a VLAN-tagged data network in an Isilon user-defined data Access Zone

Which recommendation should be provided?

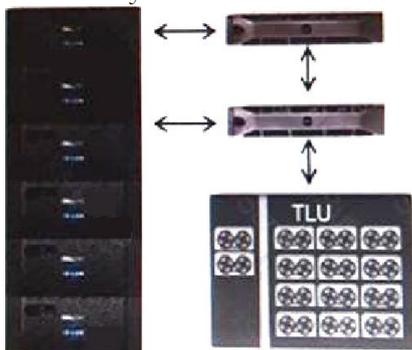
- A. Remove VLAN tagging from the network
- B. Move the data pool into the System Access zone
- C. Use different subnets for management and data traffic
- D. Use only one subnet and pool for both the management and data traffic

Answer: C

Question: 8

Refer to the exhibit.

Case Study 5 - Refer to the Exhibit.



Backing up data from a Dell EMC Isilon cluster exceeds the company's backup window. Because the company has a large amount of data with a continuous high growth rate, they want to change their backup strategy. The Gen 6 Isilon cluster consists of 24 nodes.

Their current backup strategy is an NDMP three-way backup performing weekly full backups to tape and incremental backups each night. The strategy uses Dell EMC NetWorker. The DMA uses Include paths to specify what data to backup. All data on the cluster must remain accessible.

The company's IT team is now looking for a method to increase the performance of their backups.

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After some investigations, you notice that the backup job quiesces the file system. This is creating lock contention issues on open files and not allowing users full access to data when the backup job runs.

What advice should be provided to the team to eliminate lock contention and allow full access to users?

- A. Enhance the backup strategy using snapshots for backups
- B. Add A100 Backup Accelerators and configure for three-way NDMP
- C. Stop using an NDMP-based backup strategy
- D. Create a cron job to remove all locks before each backup

Answer: B

Question: 9

A company is migrating files from a third-party storage platform that is authenticated through AD. The migration tool being used is Dell EMC *EMCOPY.exe* running on a separate Microsoft Windows host. In order to run the EMCOPY process and complete the migration, which type of account is required?

- A. Local user account that has members of the local Windows Backup Operators group and local Administration group on the source and target
- B. Local user account that has permission to use the MCOPYV.exe utility on the separate Windows host
- C. Domain user account created explicitly to use isi_vol_copy or isi_vol_copy_vnx on the source and target
- D. Domain user account that is a member of the local Windows Backup Operators group on the source and target

Answer: D

Question: 10

Which protocol to send isi diagnostic gather logs from a Dell WEMC Isilon cluster to Dell EMC Support when the ESRP gateway is unable?

- A. SCP