

## Achieve the DES-1423 Exam Best Results with Help from EMC Certified Experts [Q36-Q56]



**Achieve the DES-1423 Exam Best Results with Help from EMC Certified Experts Provide DES-1423 Practice Test Engine for Preparation NO.36** An administrator wants to enable quotas on a group directory in their Isilon cluster. In addition, the administrator wants to monitor and limit the disk usage. Which type of quotas need to be configured?

- \* Advisory
- \* Enforcement
- \* Accounting
- \* Soft

References: 409

Isilon Administration and Management participant guide

**NO.37** A new Isilon administrator has created their first quota of 100 TB on a directory called `/ifs/Boston-zone/RnD`. Both the Engineering and QA teams have access to this directory. The directory sits on a 4-node H400 node pool.

Two weeks later, the administrator notices that the team's available disk space is decreasing faster than anticipated for the `/ifs/Boston-zone/RnD` directory.

What is the most likely cause for the decrease in disk space?

- \* Quota was configured to include overhead.
- \* SmartPools tiering is not enabled.

- \* Quota was configured as an Advisory quota.
- \* SmartPools global spillover is not enabled.

**NO.38** You have been tasked with designing SyncIQ policies for a systems administrator that requires failover and failback testing. What information should be provided to the administrator?

- \* SyncIQ supports failback replication policies that specify directory includes or excludes.
- \* Failback replication policies that specify includes or excludes cannot use data encryption.
- \* Failback replication policies that specify includes or excludes are not supported with SyncIQ.
- \* Failback replication policies that specify includes or excludes cannot use historical snapshots.

Explanation/Reference: <https://mydocuments.emc.com/pub/en-us/isilon/onefs/7.2.1/ifs-pub-administration-guide-cli/15-ifs-br-data-replication-with-synciq.htm>

**NO.39** A Job Engine is running in low space mode and no jobs are in the running state. What is the OneFS8.2 behavior if the AutoBalance job is initiated?

- \* Job is started.
- \* Job is failed.
- \* Job is put into the queue.
- \* Job is not started.

References:

494 / 495 Autobalance is a space saving job

Isilon Administration and Management participant guide

**NO.40** You are configuring the network on a Isilon source cluster. The administrator wants to dedicate a new subnet for replication. Which consideration must be addressed for SyncIQ to work properly?

- \* SyncIQ must run on a static IP pool.
- \* SnapshotIQ must be licensed first.
- \* 10GbE ports must be used for replication
- \* SyncIQ must run on a dynamic IP pool

**NO.41** What is the recommended number of delegations for a SmartConnect zone name for each SmartConnect zone alias on a cluster?

- \* 1
- \* 2
- \* 3
- \* 4

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Isilon Administration and Management participant guide

**NO.42** An administrator uses a TreeDelete job to delete a large directory. After the job starts, users notice an issue with performance on the cluster. Which recommended action will resolve the performance issue with the job?

- \* Modify the running job to use a high impact policy to reduce the amount of time users are impacted. Schedule the job after business hours in the future.
- \* Let the job continue to run at the current impact level and schedule future jobs for after business hours so they do not impact users.
- \* Modify the running job to use an OFF\_HOURS policy that runs at low impact during business hours and medium impact after business hours.
- \* Pause the running job and resume after business hours using a high impact policy so that it does not impact users.

#### Isilon Administration and Management participant guide

**NO.43** An Isilon administrator has four H600 nodes and eight A2000 nodes in the cluster. The file pool policy is configured to have all new data written to the H600 nodes. After a few weeks, the administrator has some concerns about the available capacity on the H600 nodes.

Which feature should be configured to accept writes, even after the H600 nodes become full?

- \* SmartPools
- \* GNA
- \* Virtual Hot Spare
- \* Spillover

**NO.44** A company has a 4-node Isilon H600 cluster dedicated for a high-performance workflow. The administrator wants to convert their cluster SSD strategy from L3 cache to use the SSDs for metadata acceleration.

What should be considered?

- \* Migration of data and metadata from the SSDs to HDDs can take hours.
- \* Once enabled, the L3 cache cannot be disabled without support assistance.
- \* Converting to use SSDs for metadata acceleration turns off prefetching.
- \* Deselecting L3 cache for an SSD strategy has no impact to the workflow.

**NO.45** A company has an Isilon cluster that is joined to an Active Directory (AD) domain. Previously, the company replaced their primary NTP server and added new NTP settings to the Isilon cluster. Now the users are experiencing authentication failures.

What is a possible reason for this behavior?

- \* Cluster and the AD are configured to use the same NTP server.
- \* AD is not configured to synchronize its time from the cluster.
- \* SMB time is not configured on the cluster to synchronize with the AD.
- \* Time between the NTP and the AD differentiates by more than 5 minutes.

Explanation/Reference: <https://www.dell.com/community/Isilon/NTP-and-Active-Directory/td-p/6954393>

**NO.46** An Isilon administrator wants to create a new SMB share to an existing directory structure. The directory contains migrated production data and has an active NFS export. What will happen if the administrator selects the 'Apply Windows default ACLs' option during creation?

- \* Windows default ACLs are overwritten by the existing mode bit rights.
- \* Existing mode bit rights are overwritten by the Windows default ACLs.
- \* Windows default ACLs are merged with the existing mode bit rights.
- \* Creation of the SMB share fails due to the existing mode bit rights.

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#### Isilon Administration and Management participant guide

**NO.47** Based on the exhibit, what is the actual protection level of the FEATURE.wmv file?

- \* N+1
- \* N+2n
- \* N+2
- \* N+2d: 1n

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#### Isilon Administration and Management participant guide

**NO.48** In an Isilon environment, what is a requirement to join multiple, untrusted Active Directory (AD) authentication sources to an access zone?

- \* Must use a common /ifs tree for all access zones.
- \* Only one of the AD provider instances can exist in a zone at one time.
- \* All untrusted AD provider instances must exist in all access zones.
- \* Must only join Active Directory domains in the same forest.

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**NO.49** An Isilon cluster has four H500 nodes. Data protection and access are set to N+1 and concurrency respectively. How many drives will be used across the disk pool to protect a 1 MB file?

- \* 4
- \* 8
- \* 10
- \* 11

**NO.50** You have just completed an upgrade from OneFS 8.0.0.7 to 8.2.0 but have not committed the upgrade. How many days will pass before you are prompted to commit the upgrade in the WebUI?

- \* 5
- \* 7
- \* 10
- \* 14

**NO.51**

```
boston-2# isi get /ifs/sales/quotes/Animation/FEATURE.wmv
POLICY      LEVEL PERFORMANCE COAL   FILE
+2d:1n      6+2 concurrency on     FEATURE.wmv
```

Based on the exhibit, what is the actual protection level of the FEATURE.wmv file?

- \* N+1
- \* N+2
- \* N+2n
- \* N+2d: 1n

**NO.52** An administrator uses a TreeDelete job to delete a large directory. After the job starts, users notice an issue with performance on the cluster. Which recommended action will resolve the performance issue with the job?

- \* Modify the running job to use a high impact policy to reduce the amount of time users are impacted. Schedule the job after business hours in the future.
- \* Let the job continue to run at the current impact level and schedule future jobs for after business hours so they do not impact users.
- \* Modify the running job to use an OFF\_HOURS policy that runs at low impact during business hours and medium impact after business hours.
- \* Pause the running job and resume after business hours using a high impact policy so that it does not impact users.

**NO.53** What is the maximum number of active Swift connections on a 5-node Isilon cluster?

- \* 250
- \* 500
- \* 750
- \* 1000

Explanation/Reference: <https://www.dellemc.com/en-us/collaterals/unauth/technical-guides-support-information/products/storage-5/docu65240.pdf> (10)

**NO.54** What is the main functions(s) of the Automatic Replacement Recognition (ARR) feature?

- \* Updates the new drive firmware and adds it to the cluster.
- \* Formats the new drive and adds it to the cluster.
- \* Formats the drive, adds it to the cluster, and updates the drive firmware.
- \* Replaces the new drive support package in the cluster.

**NO.55** When reviewing the actual protection output of N+4/2, what does the number 4 represent?

- \* FEC stripe units per stripe
- \* Hard drives used per stripe
- \* Volume stripes per file system
- \* FEC stripe units per file system

OneFS FEC protection nomenclature for our hybrid protection polices. More generally, it's written as:

$N+M/b$

where  $N$  is the number of data stripe units in a stripe,  $M$  is the number of FEC stripe units in a stripe, and  $b$  is the number of stripe units in a stripe which are allowed to reside on the same node.

Reference: <https://www.dell.com/community/Isilon/Isi-get-output/td-p/7085467>

**NO.56** What is the recommended networking design approach when planning subnets?

- \* Use a common subnet for data, replication and backup, and use a dedicated subnet for management.

Assign the lowest priority gateway number for the management subnet.

- \* Use a common subnet for management, data, replication and backup.

Assign a random priority gateway number for the subnet.

- \* Use a common subnet for data and management and a common subnet for replication and backup.

Assign the lowest priority gateway number for the management subnet.

- \* Use dedicated subnets for management, data, replication and backup.

Assign the lowest priority gateway number for the data subnet.

Explanation/Reference: <https://community.emc.com/community/products/isilon/blog/2014/11/28/routing-and-isilon-how-to-get-from-a-to-b-and-back-again>

The EMC DES-1423 certification exam is a comprehensive exam that tests the candidate's ability to implement and maintain Isilon solutions in enterprise environments. The certification is a valuable credential for professionals who wish to advance their careers in the IT industry. The exam covers a broad range of topics related to Isilon solutions, and it is recognized by employers worldwide.

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