dsmISI MAGS direct

Synchronization of any file system with Dell PowerScale

dsmISI MAGS direct

With dsmISI MAGS direct, Concat AG and General Storage* are launching a new module of the dsmISI Suite. The solution is aimed at companies that use file systems from IBM, Dell, Microsoft, NetApp and others and are looking for incremental synchronization with a Dell PowerScale cluster.

Concat partner General Storage developed dsmISI MAGS in 2015 for customers who had problems with long runtimes for file system scans before an incremental backup. In file system environments with millions or billions of objects, identifying changed files and directories can take several days or weeks. A regular backup operation with daily backup cycles is unfeasible in such an environment. dsmISI MAGS solves this problem by shortening the incremental backup of productive file services to just a few hours. Many companies and organizations worldwide are now using this solution.

With dsmISI MAGS direct, an extension is now available that enables the incremental synchronization of file systems (IBM, Microsoft, NetApp, Dell and others) to a Dell PowerScale cluster. The connection between the file systems to be synchronized and PowerScale is made via Windows and/or Linux systems.

With dsmISI MAGS direct, customers can freely select the number of servers involved in a synchronization and dynamically adapt them to the throughput requirements.

In principle, dsmISI MAGS direct does not need to be installed under Windows or Linux. The software is located on the target PowerScale cluster and can be started directly from there. The Windows or Linux servers only need to have access rights to the PowerScale cluster and the data to be synchronized.

Synchronization takes place via NFS and/or SMB protocols. The first synchronization transfers all data. All subsequent synchronizations only include change data (incremental forever). SnapShots on the PowerScale are used for versioning.
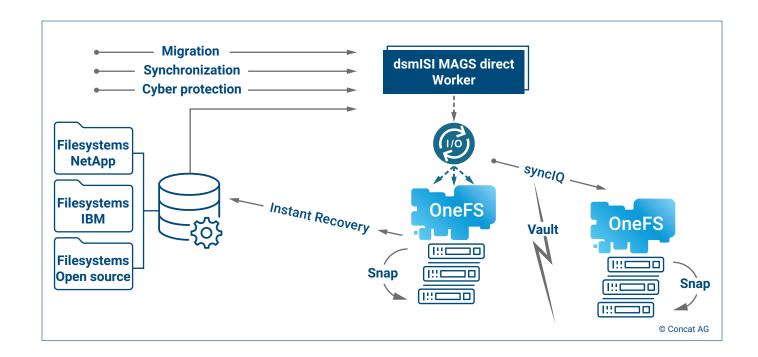

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I T S O L U T I O N S

Synchronization with dsmISI MAGS direct is suitable for

- fast and problem-free data migration when replacing any file server with PowerScale and
- the creation of one or more copies and versions to protect existing file servers against cyber attacks.

In order to remain operational in the event of DR, it is possible to restart production from the data copy on PowerScale while the failed file system is restored in the background (instant recovery).

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* The dsmISI Suite was developed by our technology partner General Storage.

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