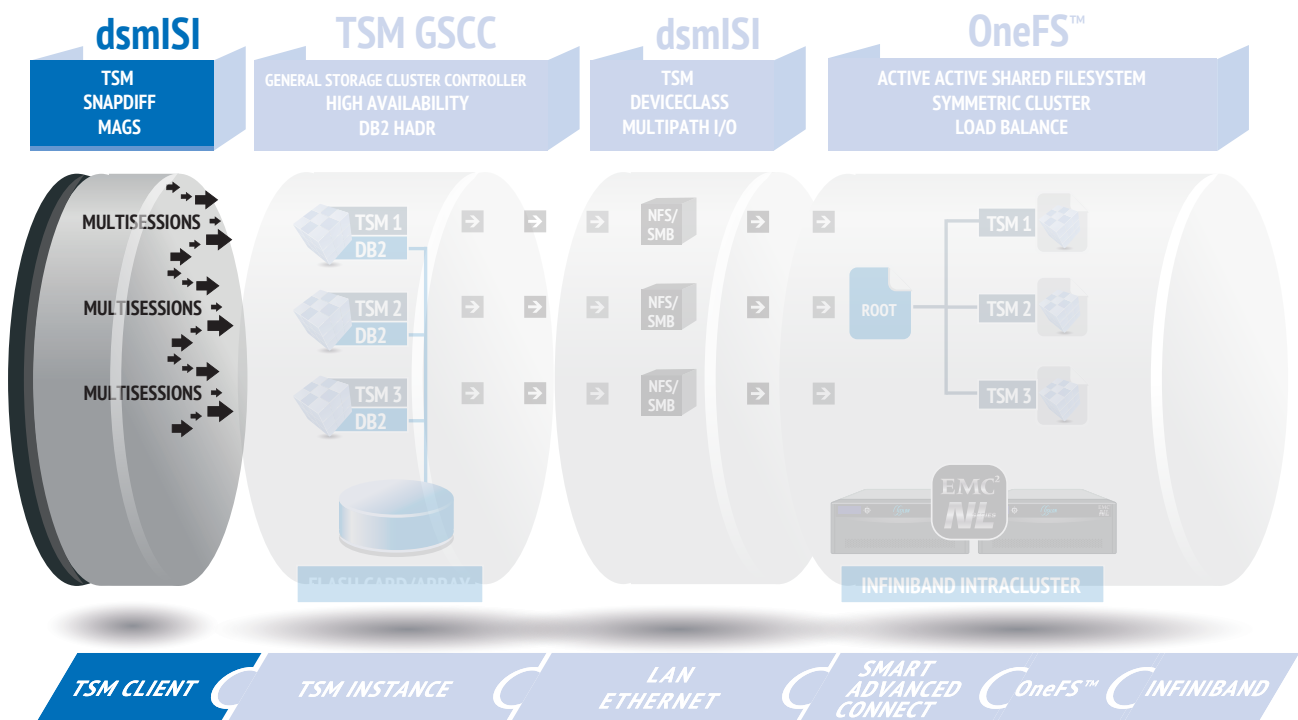


Scale out NAS TSM as a Service TSM Cloud Backup Source Dedup
OneFS/Isilon Mirroring
 Scale out Storage Pool 15 Petabyte Big Data TSM Cloud



dsmlSI MAGS for incremental backups of large production file services

Concat partner General Storage has developed an additional dsmlSI modul – MAGS “Massive Attack General Storage” – for TSM environments. It enables incremental backup of large production file services for a wide range of NAS Vendors like EMC, HDS, HP, IBM, NetApp and/or for Windows file servers.



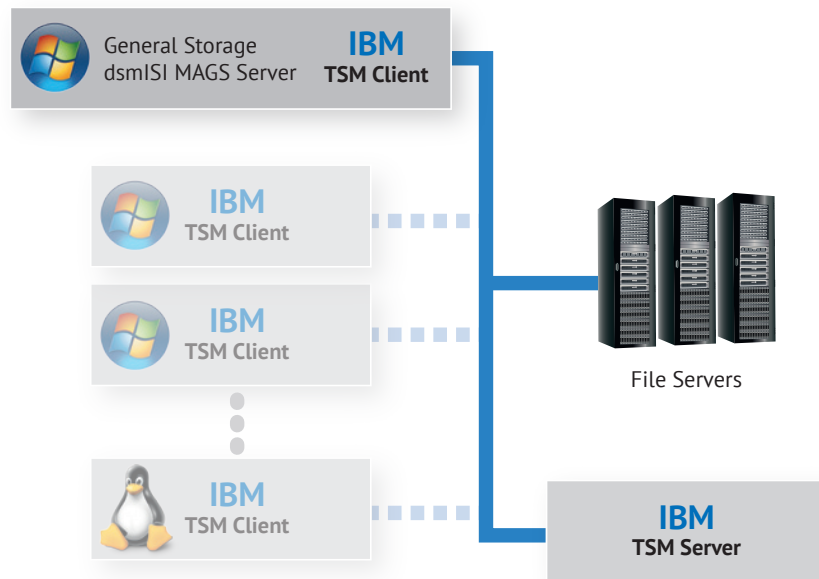
copyright concat AG - All rights reserved

TSM still is the only software capable of continuously backing up file systems entirely incrementally. With extremely large file systems, containing many millions or even billions of objects, this approach, however, does have its limits. Very often the time used for identifying changed, new or deleted objects alone takes days or even weeks – and thus renders a service level which requires a daily backup cycle which is impossible to achieve. General Storage dsmlSI MAGS solves this fundamental problem by accelerating identification of changes and the resulting movement of data by orders of magnitude. Even extremely large and busy file systems can be backed up incrementally within a reasonable timespan using regular TSM incremental backup when controlled by dsmlSI MAGS.

Benefits of dsmISI MAGS for TSM environments:

- Is easy to install, configure, test and monitor.
- Is compatible with most file servers and TSM client software version 6.3 or later.
- Doesn't alter the backup data structure.
- Scales across a practically unlimited number of client machines.
- Doesn't require change in backup structure.
- Is continuously optimizing its own configuration in order to use available resources (CPU, RAM etc.) to greatest possible effect.
- Can, if applicable, use snapshots of a file system in order to avoid errors resulting from user activity during backup.
- Comes with a convenient graphical user interface which supports configuration and shows detailed information about running jobs.
- When backing up scale-out file servers (like EMC Isilon), dsmISI MAGS can automatically utilize all reachable cluster nodes to further accelerate backup.
- In most cases using dsmISI MAGS doesn't require additional hardware for TSM clients or servers already in use. For optimum performance, MAGS requires correspondingly sized hardware components for file servers, TSM client machines and TSM servers.
- Even extremely large and busy file systems can be backed up incrementally within a reasonable timespan using regular TSM incremental backup when controlled by dsmISI MAGS.

dsmISI MAGS for TSM



optional: additional Client Machines
(remotely controlled by dsmISI MAGS)

© Concat AG

Best regards


Stéphane Criachi

Contact
stephane.criachi@concat.de
Mobil +49 (172) 70 81 007


Christian Reichert

Contact
christian.reichert@concat.de
Mobil +49 (172) 70 81 040

 **concat AG**
IT SOLUTIONS

Berliner Ring 127-129
64625 Bensheim
Telefon +49 (6251) 7026-0
Telefax +49 (6251) 7026-444