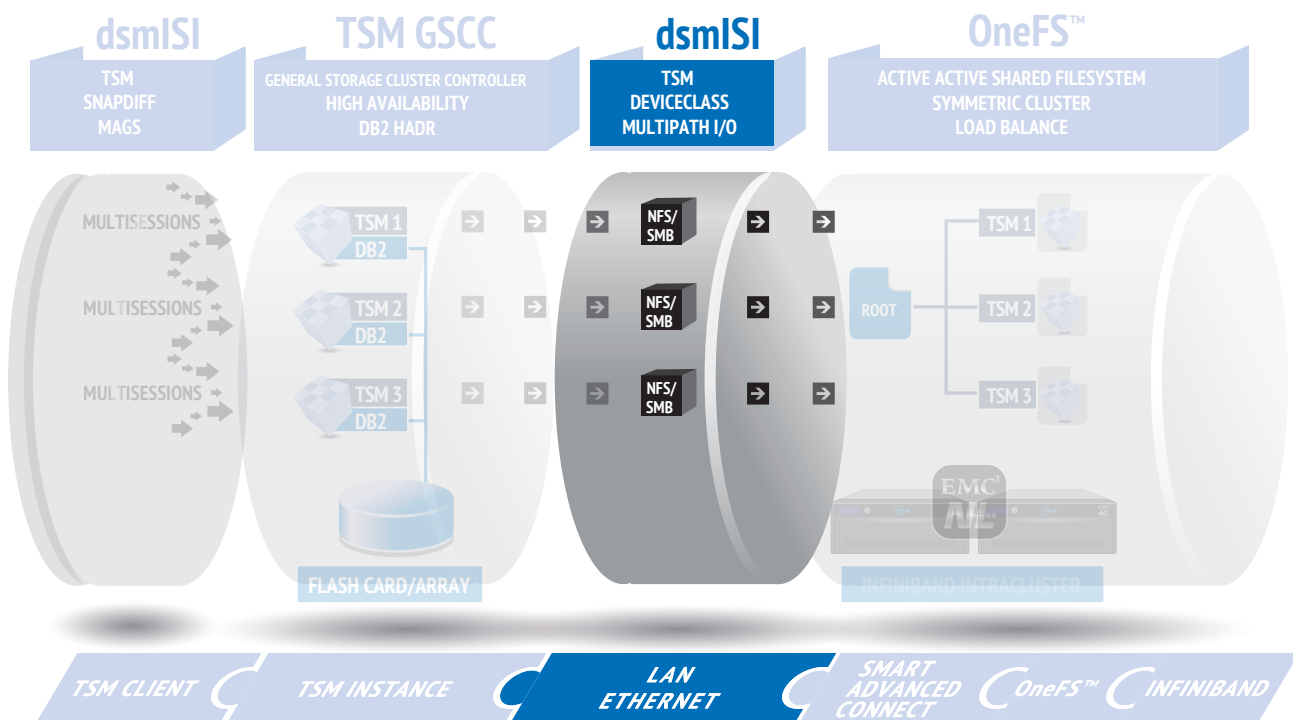


Scale out NAS TSM as a Service TSM Cloud Backup Source Dedup  
**OneFS/Isilon** Mirroring  
 Scale out Storage Pool 15 Petabyte Big Data TSM Cloud



# dsmlSI simplifies integration of TSM with OneFS Scale-Out Storage

Concat has enhanced its concept for TSM-as-a-service, based on Isilon/OneFS, adding dsmlSI for OneFS. To do so, Concat partner General Storage has developed the dsmlSI module, which simplifies integration of Tivoli Storage Manager (TSM) with scale-out storage environments using Isilon OneFS.



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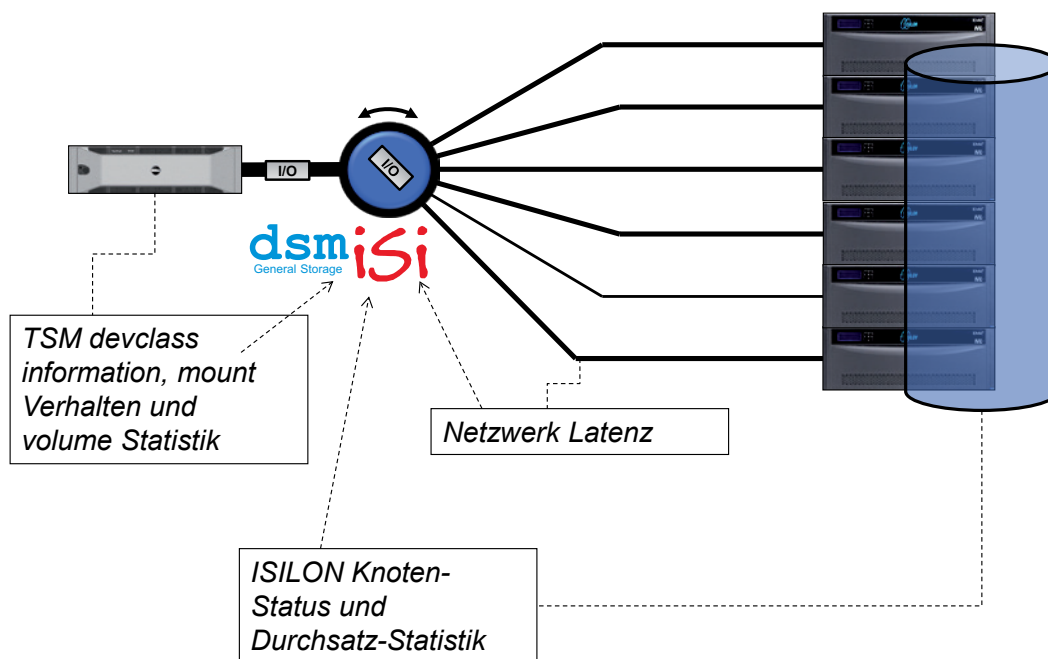
In principle, dsmlSI implements dynamic multipathing, which automatically spreads reads and writes symmetrically across all available network paths and Isilon nodes, guaranteeing maximum throughput for any attached TSM server. dsmlSI is installed on the operating system – such as Linux, Unix or Windows – as a daemon/service and communicates with Isilon clusters, creates NFS/SMB connections to all nodes and presents them to TSM servers as a single, very fast file system. dsmlSI automatically detects whenever Isilon nodes fail or when nodes are removed from or added to a cluster. Failovers are executed transparently for TSM. Dynamic load balancing at runtime ensures that all nodes of a cluster are being utilized equally.

With dsmlSI, only one directory has to be configured on the TSM servers' file device classes, while dsmlSI communicates with up to 144 Isilon nodes per cluster in the background. This radically simplifies operational concepts for TSM.

## Benefits of dsmlSI for TSM environments:

- Dynamic multipathing: always uses network paths with the lowest latencies at runtime
- Creates active NFS/SMB connections to all Isilon nodes automatically
- Load balancing over all nodes of an Isilon cluster
- Automatic detection of failure, removal, and additions of nodes in Isilon clusters
- Supports TSM servers with versions 5, 6, and 7 under Linux, Unix, and Windows, as well as any number of Isilon systems
- Installed on the operating system as a daemon/service

## dsmlSI integration for TSM at OneFS



Best regards

  
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