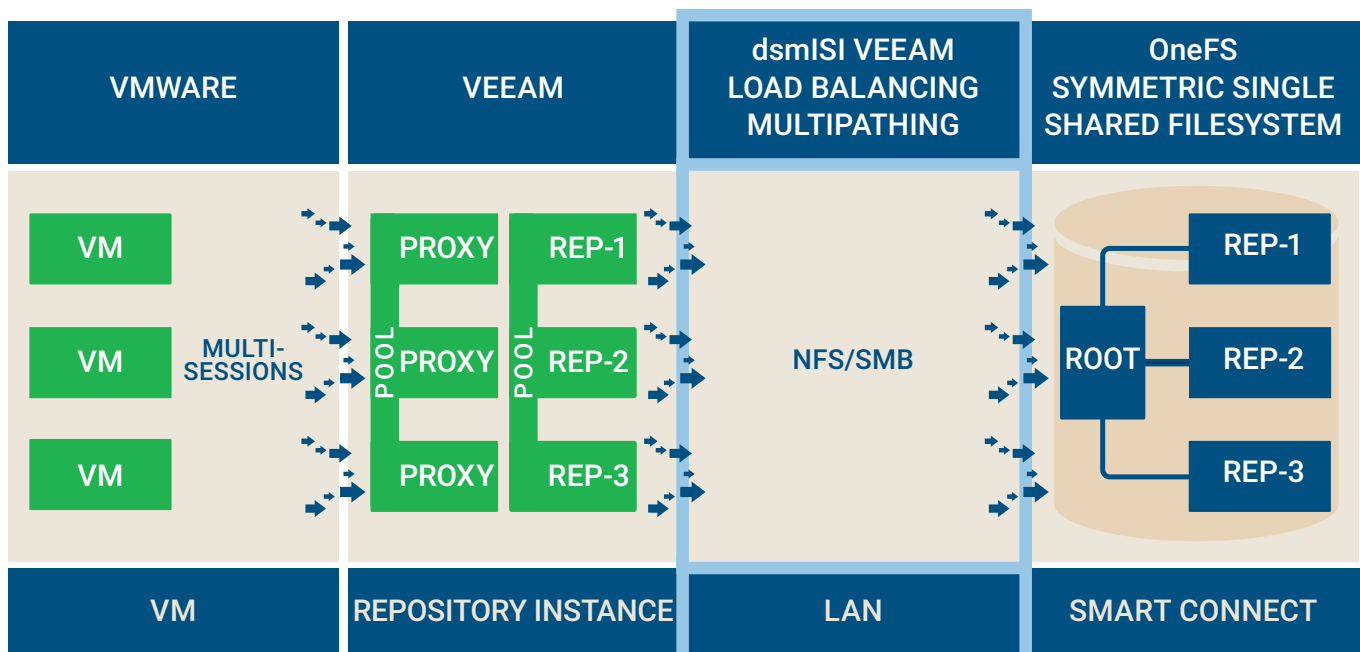# dsmISI VEEAM

The easy way to use scale-out NAS as Veeam repository

dsmISI Veeam simplifies the integration of Veeam repositories in Dell EMC Isilon OneFS and optimizes backup and restore processes.

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dsmISI Veeam implements dynamic multipathing by automatically spreading reads and writes symmetrically across all available network paths and Isilon nodes, guaranteeing maximum throughput for any attached Veeam repository server.

dsmISI Veeam is installed on Linux repository servers and communicates directly with Isilon clusters, creates NFS connections to all nodes and presents them to Veeam as a single, very fast file system. dsmISI Veeam automatically detects whenever Isilon nodes fail or when nodes are removed from or added to a cluster. Failovers are executed transparently for Veeam repository server. Dynamic load balancing at runtime ensures that all nodes of a cluster are being utilized equally.
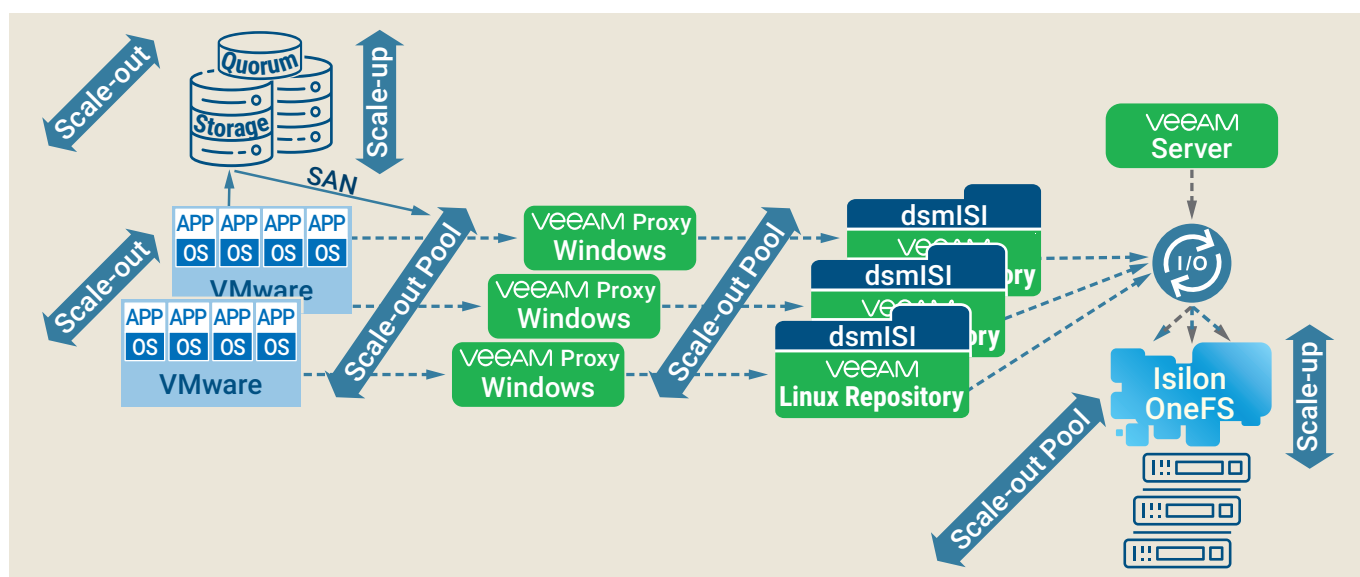
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IT SOLUTIONS

Since 2013, dsmISI has been used successfully by customers of IBM Spectrum Protect to fully benefit from Dell EMCs scale-out NAS Isilon solution as an extremely fast, seamlessly scalable and astonishingly easy to use backup-to-disk device.

dsmISI for Veeam Availability Suite allows Veeam users to take advantage of the very same benefits.

Benefits of dsmISI Veeam:

- 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 Veeam on Linux and Windows and any number of Isilon systems
- Supports file sizes greater than 4 TB when using the Veeam repository on Linux
- Installed on the operating system as a daemon/service
- Can be combined with other applications on Isilon (i.e. dsmISI ISP, dsmISI DB)

dsmISI Suite and GSCC have been developed by our technology partner General Storage.