



Solution Brief

Leverage Dell EqualLogic and the AvePoint DocAve Software Platform to Enhance Data Protection Initiatives for Microsoft SharePoint

Dell EqualLogic and AvePoint's DocAve Software Platform can protect and improve your SharePoint environment by helping you:

- Restore with minimal business interruption and data loss
- Potentially reduce human errors by simplifying full-system backup
- Protect critical assets and maintain content dependencies
- Leverage SharePoint's document management and presentation functionality with the Dell EqualLogic FS7500

Microsoft® SharePoint® is the platform of choice for many organizations to store and manage enterprise content. As SharePoint deployments expand, your organization will likely experience increases in the amount of data stored in SharePoint, and subsequently Microsoft SQL Server databases. Database protection and disaster recovery are among the top concerns for SQL database administrators. Together the peer storage architecture of Dell™ EqualLogic™ and AvePoint's® DocAve® Backup and Restore software can offer a robust solution to address your SharePoint backup and data protection requirements.

EqualLogic arrays provide SQL database administrators the ability to create volume based copies of data using snapshots, clones and replicas. EqualLogic leverages Microsoft's Volume Shadow Copy Service (VSS) architecture to provide application integration with SAN copy operations. These copies are known as "point-in-time" copies of volume data. With VSS and EqualLogic, you can process backups with minimal production impact with well integrated snapshots.

The enterprise-class, fully redundant design of EqualLogic storage can help you extend business continuity for your SharePoint environment by ensuring high availability, allowing hot swapping of storage hardware, firmware upgrades and other maintenance operations in live, production environments. With these unique architectural attributes, EqualLogic customers can add, re-configure or retire storage hardware without the need for scheduled downtime.

Simplify SharePoint data protection

AvePoint's DocAve Backup and Restore helps you seamlessly manage and protect SharePoint content including all web applications, databases, and web front end elements. DocAve's full-fidelity backup includes metadata, security settings, version histories, and customized layouts. Unique granular backup scheduling can help you run backup processes according to your specific business needs or organizational timetables. DocAve Backup and Restore can safeguard SharePoint components regardless of where they reside and reduces complexity in any disaster recovery scenario by providing administrators with a holistic view of entire SharePoint environments, as well as a simple point-and-click approach to select components that need to be protected. DocAve Backup and Restore is designed to work with VSS based on the customers' dynamic needs, and can leverage your EqualLogic environment's data protection capabilities.

Fast, flexible, and intelligent restore

Minimize business disruptions caused by service interruptions or accidental deletions with efficient recovery of SharePoint components, databases, indexes, and configurations. DocAve's Restore Controller can enable deft recovery of critical documents, sites or subsites directly to the original media. Restores of missing or corrupted content can be processed in a live SharePoint environment during your standard hours of operation.

Streamlined deployment and simplified management

Administration of SharePoint backup, recovery, and management jobs (such as scheduling, monitoring, alerts, user account management, and software management across multiple SharePoint farms) is centralized in a highly intuitive, web-based graphical user interface (GUI). DocAve Backup and Restore can operate on your existing infrastructure, so no additional hardware is required. You can easily perform your back-up and recovery jobs on your Dell EqualLogic platform with AvePoint's easy-to-use GUI administration.

Easily Connect NAS Files to SharePoint

In addition to addressing data protection, you may be looking for ways to improve SharePoint usage across your organization. Organizations may want to take advantage of the Dell™ EqualLogic™ FS7500 and DocAve's capabilities to unify delivery of file shares to SharePoint for improved management and usage.

The Dell EqualLogic FS7500 works with EqualLogic PS Series arrays to provide a scale-out NAS and unified storage solution. It incorporates Dell™ Fluid File System, a distributed file system which enables you to scale

performance and capacity non-disruptively as your file storage needs evolve. DocAve Connector can seamlessly connect your NAS file shares with the FS7500 and utilize SharePoint as a presentation layer for your file-based documents and media files. Connected content appears as normal SharePoint content, and can be leveraged exactly as if it were residing within a SharePoint document library. All of SharePoint's powerful document management functionality – including permissions management, workflows, alerts, and versioning – can be applied to connected content.

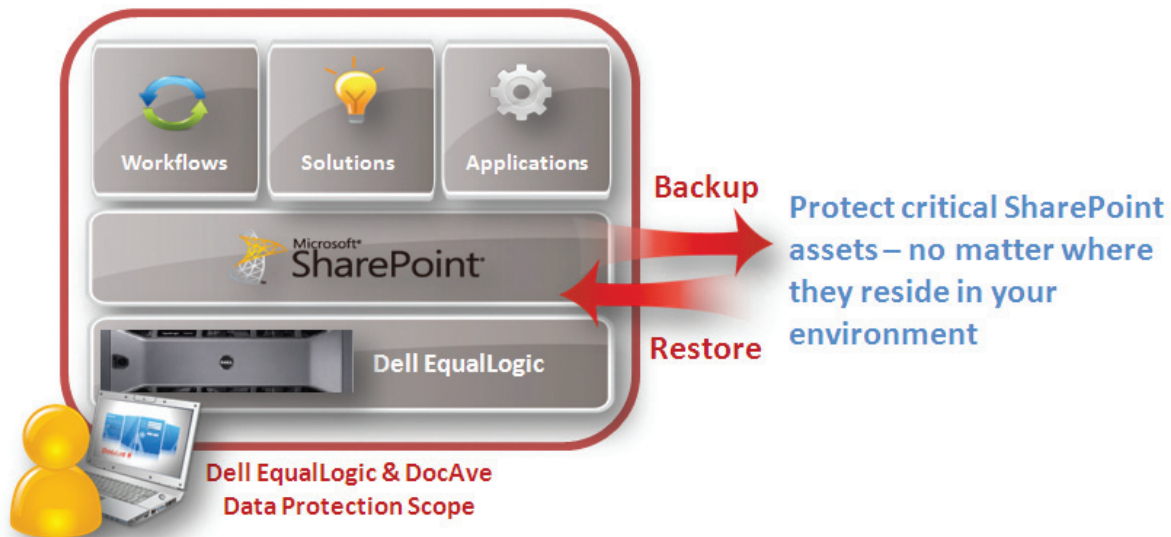
Safeguard and augment your SharePoint environment with Dell EqualLogic and AvePoint's DocAve Software Platform

Dell EqualLogic and the DocAve Software Platform can help streamline your cumbersome SharePoint backup and restore processes, reduce operational burden, automate backup, simplify management, and create virtually unlimited snapshots and consistency sets for your SharePoint environment. Dell FS7500 and Avepoint can help you leverage SharePoint as the presentation layer to manage file share content and increase user adoption.

Services to help find the right solution

Dell EqualLogic and the Dell Fluid File System are technologies that can be utilized to optimize your storage and meet your business goals. Dell Consulting Services* can work collaboratively with you to determine a blueprint that fits within your specific business needs through a catalog of well-defined engagements including best practice design.

*Availability and terms of Dell Services vary by region. For more information, visit www.dell.com/servicesdescriptions.



Simplify your storage at www.dell.com/sharepoint

