



SOFTWARE

SNAPMANAGER® FOR MICROSOFT® OFFICE SHAREPOINT SERVER

KEY FEATURES

Microsoft Office SharePoint Server-Centric User Interface

Streamlines management and execution of routine tasks, enabling administrators to spend less time managing backup technology.

Integration with SnapManager for Microsoft SQL Server

Integration with NetApp SnapManager for SQL Server provides automation, the ability to locally or remotely replicate SharePoint Server data, and the assurance that data can be backed up and recovered rapidly.

Rapid Data Backup and Recovery

Use of NetApp Snapshot™ technology reduces backup and recovery times for SharePoint data from hours or even days to just minutes.

Multiple Levels of Recovery Granularity

Administrators can recover an entire Microsoft Office SharePoint Server portal, sites, or subsites or choose to restore a single document, all within minutes.

High availability and data protection for Microsoft® Office SharePoint Server data.

THE CHALLENGE:

Ensure High Availability and Protection of Critical Microsoft Office SharePoint Server Data while Reducing Management Complexity

Deployment of Microsoft Office SharePoint Server has exploded in recent years as customers take advantage of new and more powerful capabilities in the latest version of the product.

As Microsoft Office SharePoint Server use has increased, not only has the number of SharePoint servers increased but so has the number of discrete SharePoint instances on each physical server as well. The result has been rapidly growing but fragmented deployments. The complexity of large Microsoft Office SharePoint Server environments increases further with the use of direct-attached storage subsystems. Managing numerous servers, the attendant storage, and the related data requires a lot of time and coordination across various departments within an organization.

Managing the protection of all the data associated with a distributed Microsoft Office SharePoint Server architecture is time consuming. Recovering data can also be time consuming, because not only must the most recent full backup be recovered, but also multiple incremental backups between full backups. Scaling storage to address the demands for data

and data protection is time intensive and could require downtime, reducing the availability of Microsoft Office SharePoint Server-based applications.

THE SOLUTION:

NetApp SnapManager® for Microsoft® Office SharePoint Server

The NetApp solution drives significant time and resource savings by enabling storage consolidation and simpler management for all Microsoft Office SharePoint Server data. NetApp SnapManager for Microsoft Office SharePoint Server (SnapManager) is a data management solution that streamlines discovery, backup, recovery, and replication of SharePoint Server data. SnapManager takes only minutes to do a full backup, dramatically reducing backup window time. The use of NetApp Snapshot copies allows multiple backups of any size to be backed up simultaneously in minutes and requires minimal disk space for each additional full backup, using its built-in data de-duplication technology. SnapManager enables organizations to recover from Microsoft Office SharePoint Server outages in minutes—not hours or days—making it one of the fastest backup and recovery solutions available, delivering an industry-leading combination of manageability, efficiency, and speed for SharePoint Server environments.

REDUCE THE COMPLEXITY OF MICROSOFT OFFICE SHAREPOINT SERVER DATA MANAGEMENT

Consolidating all Microsoft Office SharePoint Server data onto NetApp storage systems considerably reduces the number of devices requiring management. Administrators can back up or restore data from several Microsoft Office SharePoint Servers simultaneously and easily expand volumes and change configurations to adapt to shifting storage requirements.

To further simplify administration, SnapManager provides an easy-to-use application-centric graphical interface. SnapManager also automates routine data management tasks such as discovery, backup, recovery, and replication. NetApp storage appears as if it's local to the Microsoft Office SharePoint Server, with management of the storage accomplished through the native Windows environment. Email alerts can be generated for near real-time event management. An online event log tracks historical changes and presents them in an easy-to-read format.

MAXIMIZE MICROSOFT OFFICE SHAREPOINT SERVER AVAILABILITY

SnapManager enables IT organizations to meet stringent service-level agreements by significantly reducing planned and unplanned downtime. When deployed in concert with NetApp storage systems, this powerful application minimizes scheduled downtime by enabling administrators to add storage on-the-fly while Microsoft Office SharePoint Server remains online. SnapManager reduces recovery times to

minutes, enhancing application availability and minimizing downtime.

To ensure that each backup is valid and available for recovery, SnapManager is integrated with SnapManager® for SQL Server and automates the process of checking the underlying database consistency.

Rapid data backups enable them to be performed more frequently, minimizing exposure to data loss. More than 200 active Snapshot copies can be kept at any one time, with negligible performance impact. SnapManager is also integrated with NetApp SnapMirror®, which simplifies remote replication of Microsoft Office SharePoint Server data and ensures that data can be recovered rapidly in the event of a disaster.

IMPROVE TOTAL COST OF OWNERSHIP

Consolidating Microsoft Office SharePoint Server data onto NetApp storage systems, increases storage utilization by eliminating static pools of unused storage. NetApp storage provides the ability to add or resize storage allocations on-the-fly, and to store multiple online copies of Microsoft Office SharePoint Server data.

Administrative overhead is greatly reduced by automated data management features. Reduced Microsoft Office SharePoint Server downtime reduces the risk of lost business efficiency and productivity. The ability to automatically migrate older backups to less expensive disk storage using NetApp SnapVault® provides further cost savings, while still providing the

performance and flexibility of disk-based storage. Finally, the ability to support both iSCSI and Fibre Channel network environments enables organizations to reuse their current network investment while deploying a long-term and highly scalable storage solution.

ABOUT NETWORK APPLIANCE

Network Appliance is a world leader in unified storage solutions for today's data-intensive enterprise. Since its inception in 1992, Network Appliance has delivered technology, product, and partner firsts that simplify data management. Information about Network Appliance™ solutions and services is available at www.netapp.com.

SYSTEM REQUIREMENTS

SnapManager® for Microsoft® Office SharePoint Server supports:

- Microsoft Office SharePoint Server 2007, Windows SharePoint Services V3.0
- Windows 2003 Server, Standard Edition/Enterprise Edition
- Microsoft SQL Server 2005 or 2000, Standard Edition/Enterprise Edition
- SnapManager for SQL Server V2.1.1
- Fibre Channel or iSCSI
- NetApp SnapDrive® 4.1

