





OpenText Storage Services for Microsoft® SharePoint®

Improve the scalability and performance of SharePoint while ensuring end-user transparency

Benefits:

- Reduce storage volume
- Increase performance and scalability of SharePoint deployments
- Lower storage costs
- Increase efficiencies
- Meet compliance requirements for information retention
- Disaster recovery

OpenText Storage Services for Microsoft® SharePoint® helps customers increase the scalability of their Microsoft SharePoint deployments and reduce storage costs. Over time, as content accumulates in SharePoint, the underlying Microsoft SQL Server® databases can often become significantly overburdened. This solution enables Microsoft SharePoint content to be offloaded from SQL databases to external storage devices. Additionally, unnecessary space consumption is significantly minimized by compression as well as automatically detecting multiple instances of the same content and storing content only once.

Within SharePoint servers, document content is stored inside dedicated Microsoft SQL Server databases, including what is known as Binary Large OBjects (BLOB) content. BLOB content accounts for the large majority of a document or file (up to 95 percent of the files size can be attributed to the BLOB) and access is typically not necessary for queries to the database. Therefore, BLOB content can be stored outside of the SharePoint content database to help optimize storage.

Supporting a proven methodology

Storing BLOB content outside of the Microsoft SQL Server databases assigned to SharePoint improves the scalability and performance of SharePoint. With Service Pack 1 of Microsoft Windows® SharePoint Services 3.0, Microsoft introduced the External BLOB Storage (EBS) API to address this issue. Subsequent to the introduction of EBS, Microsoft added support for Microsoft SQL Server's Remote BLOB Storage (RBS) API.

OpenText Storage Services for Microsoft SharePoint can use both EBS and RBS to seamlessly store SharePoint content in the OpenText Archive Server and storage services infrastructure—a secure, scalable, and proven integrated archiving solution already in use by numerous companies for file system archiving, email archiving, SAP® content archiving, and more. For these companies, this existing and proven infrastructure can be extended to include SharePoint content.

Reduce costs and drive efficiencies

Storing BLOB content outside of SharePoint databases reduces costs and increases efficiency, enabling the storage and management of an increased number of documents within SharePoint sites, simplifying backup and restore processes and allowing customers to house SharePoint content in more cost-effective storage devices.





Features	
Enhanced performance	Storage Services for SharePoint leverages Microsoft-recommended methodologies to externalize BLOBs and reduce the content load on SQL Server to ensure peak performance
Broad support	Support for: EBS, RBS, Microsoft Office SharePoint Server 2007 and Microsoft SharePoint Server 2010
Configurable deletion delays for EBS and RBS	Configurable deletion delay intervals, enabling administrators to specify how much time must pass before an unused BLOB is deleted.
Single-instance support	Multiple file detection ensures that only a single instance of every file is stored.
File compression	The option to compress content before storage, configurable for each individual logical archive.
Encryption	Storage Services for SharePoint uses secure encryption to ensure your content is always protected.
Monitoring	Archive server monitoring through events and notifications.

Storage provider agnostic

Storage Services for Microsoft SharePoint gives organizations the freedom to exchange and simultaneously use different storage mediums as required. The solution supports IT processes by utilizing hardware capabilities, ensuring that content is being directed to and managed by its committed storage. This eases the workload of IT staff by providing them with greater control and support of content and processes. The solution is compatible with devices from all major storage providers—including Hitachi Data Systems, StorageTek®, Network Appliance®, EMC®, HP®, IBM®, and Sun Microsystems®.

Single instance file storage

Multiple document copies can emerge as a problem any time SharePoint is used for team collaboration or when independent teams collaborate in a decentralized, loosely affiliated manner. Storage Services for Microsoft SharePoint provides the capability to seamlessly store identical copies of documents in SharePoint only once. It accomplishes this single-instance archiving feat by keeping track of whether a document has already been stored. This capability helps reduce the growth of redundant content that can quickly consume valuable tier-one storage space.

Meet regulations for information retention

While Storage Services for Microsoft SharePoint lowers overall storage costs and improves performance, it also helps enterprises meet regulatory and business requirements for information retention and disaster recovery. For example, Storage Services for Microsoft SharePoint can be used to ensure that business-critical content is secured in multiple physical locations and SharePoint content can be stored on different storage devices, depending on the business and compliance needs of the content.

Amplify your storage capacity

A typical SharePoint deployment may consist of several content databases. However, there is a recommended size limitation



OpenText supports the Microsoft recommended approach to SharePoint content externalization, leveraging the Microsoft developed Remote BLOB Storage API.

of only 200 GB for each. By leveraging Storage Services for Microsoft SharePoint, administrators can dramatically optimize overall storage of a SharePoint deployment. Since up to 95 percent of the storage volume in these databases is BLOB content which is not necessary for queries to the database, offloading this BLOB content to an external storage device can effectively increase the number of items stored in a single SQL database significantly.

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PRODUCT OVERVIEW