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Hitachi Data Discovery for Microsoft® SharePoint®

Hitachi Data Discovery for Microsoft SharePoint provides SharePoint users with a secure, Microsoft oriented interface to access essential productivity, business improvement and cost saving features.

Address Common SharePoint Challenges with Familiar Tools Adapted to Existing Infrastructure

Microsoft SharePoint works with Microsoft Windows® Explorer, Microsoft Office applications and web browsers to assist in easily creating, managing and sharing content. Introducing Hitachi Data Discovery for Microsoft SharePoint into the SharePoint environment allows SharePoint administrators to optimize and grow their infrastructure more efficiently and reduce the total cost of storage ownership.

Hitachi Data Discovery for Microsoft SharePoint is a SharePoint interface that enables users to relocate data from SharePoint to the Hitachi Content Platform and Hitachi NAS Platform, powered by BlueArc®, using the familiar SharePoint interface. Additional hardware or middleware is not required. Hitachi Data Discovery for Microsoft SharePoint has many performance, productivity and cost savings benefits:

Performance

Hitachi Data Discovery for Microsoft SharePoint allows organizations to reduce the performance degradation inherent in large SharePoint environments by offloading documents from Microsoft SQL Server® to target storage. This allows SharePoint administrators to improve productivity, data access, and backup and recovery times by freeing up server resources that were initially processing and managing large amounts data. All data movement activity is transparent to the SharePoint end user.

Productivity

Hitachi Data Discovery for Microsoft SharePoint enables organizations to improve their SharePoint environment's file and content preservation and retention policies. It also supports optimization of performance, availability and compliance with regulatory and litigation demands.

Cost Savings

In addition, Hitachi Data Discovery for Microsoft SharePoint provides extensive cost savings by consolidating SharePoint environments, reducing the need for additional SQL hardware and software licenses, and controlling growth by tiering data to less expensive storage media based on activity. For example, active data can reside on high performance disk drives while infrequently accessed data can be migrated to lower performance, less expensive disk drives. This reduces the need, and cost, of purchasing Tier 1 capacity.

Basic and Farm Versions

Hitachi Data Discovery for Microsoft SharePoint is available for a single server farm (Basic) as well as a multiple server farm (Farm). Both versions provide file and content tiering and archiving from SharePoint to the Hitachi Content Platform and Hitachi NAS Platform.

Also available for both the Basic and Farm version is a powerful e-discovery search tool to search content stored on Hitachi Content Platform. The e-discovery search supports multiple versions of SharePoint files as well as recovery of individual files from search results and enforcement of litigation holds in the event that content must not be altered.

Typical Use Case

SharePoint users leverage Hitachi Data Discovery for Microsoft SharePoint to select folders or individual files to move

to the storage platform, leave a stub and place in collections based on retention practices, access, etc. On demand or as scheduled, the data is sent to the Hitachi Content Platform or Hitachi NAS Platform.

The Hitachi Content Platform or Hitachi NAS Platform receives the content and manages the long-term storage of the data from creation to disposal. Once the copy is verified, the data in SharePoint is replaced with a file pointer or "stub" file that preserves access paths and dramatically reduces the load on the SharePoint database.

During the life of the data, users leverage the familiar SharePoint interface to tier, archive, search and access content as needed. Microsoft Active Directory® integration ensures that users may find and access only data to which they are entitled.

In cloud environments with Hitachi Content Platform, SharePoint administrators can choose specific namespaces as target storage and allocate and track storage consumption. This allows for flexible SharePoint administration.

To meet legal or compliance needs, organizations can choose the Search Option for Hitachi Content Platform, to search SharePoint data, create audit trails, mark authoritative copies of data and lock down content to prevent further alteration.

Once data has reached end of life based on legal, regulatory and business process requirements, data can be electronically shredded and documented as such for complete chain of custody and audit trail compliance.

FEATURE HIGHLIGHTS

Basic and Farm

- Supports single or multiserver SharePoint 2010 farm
- Supports seamless, simplified integration with SharePoint 2010, Hitachi Content Platform and Hitachi NAS Platform
- Through file pointers, allows relocation of SharePoint content to Hitachi Content Platform or Hitachi NAS Platform for faster performance, greater scalability and faster backups
- Supports versioning of files to Hitachi Content Platform
- Provides cost-effective, scalable, searchable and tamperproof archive and restore capabilities for multiple data types
- Provides authentication for all functions governed by Active Directory
- As a SharePoint solution file, enables easy install and ease of use
- Allows ingestion of individual files as well as bulk document libraries
- Enforces retention policies on critical business created in SharePoint 2010
- Conducts simple search from SharePoint search bar and saves queries for recurring search needs
- Supports Microsoft Windows Server® 2008 Enterprise Edition (32-bit x86 and 64-bit x64)
- Supports multitenancy and namespaces on Hitachi Content Platform

Search Option — Interface to Hitachi Content Platform Search

- Conducts structured and advance searches that include non-SharePoint data stored in Hitachi Content Platform
- Allows restoration of single files to SharePoint
- Supports setting retention, shredding and litigation holds to search results
- Supports Windows Server 2008 Enterprise Edition (32-bit x86 and 64-bit x64)
- Supports single or multiserver SharePoint 2010 farm

CHALLENGES AND BENEFITS

Microsoft SharePoint Challenges	Key Hitachi Data Discovery Benefits
■ SharePoint document growth overloads Microsoft SQL Server.	■ Reduce current and required storage for SQL Server databases for SharePoint by offloading data from SharePoint to other tiers of storage.
■ High SharePoint adoption rate causes management headaches.	■ Consolidate content from multiple SharePoint environments.
■ SharePoint growth strains server performance, resulting in slower document query and retrieval.	■ Optimize performance, scalability and availability of SharePoint environments.
■ SharePoint content retention and management issues create legal risks for corporation.	■ Efficiently manage file and content preservation and retention.
■ SharePoint SQL Server storage has high total cost of ownership.	■ Tier data to less expensive storage, reclaim high performing disk drives for mission critical activities and reduce backup requirements.

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