

INTERCOPE

OpenStore for File Server

Transparent Archiving of Windows file servers with IBM repositories

Buried under exploding data volumes



An ever-rising tide of information resides on file servers in companies of all sizes. Office documents, spreadsheets, images, and other types of content are stored in an increasingly scattered landscape of server farms.

IT administrators face constant demands for more disk space and must deal with the permanent challenge of providing redundancy and backup strategies for virtually unlimited data volumes.

However, limiting this wave of information by setting storage quotas may result in the loss of valuable information, or extensive (and expensive) duplication on individual workstations. In addition, regulatory initiatives in many industries require the long-term secure storage of business information.

Managing file servers

OpenStore for File Server solves these problems, providing a user-transparent archiving solution that is tightly integrated into the Windows operating system. This powerful, easy-to-use application manages the contents of NTFS volumes under Windows 2000 and Windows 2003, and exploits IBM Storage and Content Management systems as backend repositories.



Fast, flexible archiving and retrieval

OpenStore for File Server significantly reduces the disk space required for file servers, as well as the effort and time required to administer and backup those servers. Millions of file objects can be stored on relatively inexpensive media such as tape libraries or optical media, as required for compliance reasons. From there, business content can be transparently retrieved and distributed in seconds. This saves time and money, promotes faster customer service, and enhances the reliability of business processes.

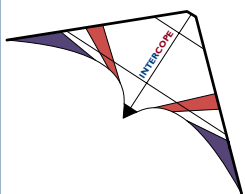
Complying with retention rules

In several industries, data retention rules dictate the long-term storage of various types of business information on non-erasable media. For example, the U.S. Securities and Exchange Commission requires brokers and dealers to apply strict retention rules to all documentation and communication related to business transactions.



To avoid fines or other penalties resulting from non-compliance, businesses must define which documents and correspondence have to be kept, and then put in place appropriate processes to enforce and demonstrate compliance. With OpenStore for File Server, these retention rules can be easily applied to manage critical data stored on Windows file servers.

OS4FS tightly integrates with IBM offerings for data retention such as DR 550 running Tivoli Storage Manager for Data Retention. In order to meet strict regulatory requirements, critical data stored on Windows file servers that must be retained is stored on non-erasable media, and can be managed by formal records management policies.



Highlights

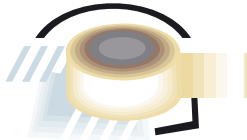
- Archives Windows File Servers
- Provides cost-efficient storage capacity management based on rule-driven archiving strategies
- No changes for end-users
- Provides compliance with legal requirements for secure storage of business information

OpenStore for File Server

Versioning

OpenStore for File Server provides enhanced functions for retention requirements and auditing purposes. The product can keep any number of file versions in the repository and provides administrator functions to retrieve any of these versions.

Transparency for the user



With traditional solutions, online access to the archived data most typically requires administrator intervention and complex restore procedures.

With OpenStore for File Server, users can directly and transparently access any migrated file from their usual Windows environment. For a user, no difference exists between a file physically located on a file server and a migrated file. When a user or an application opens a migrated file, it is automatically recalled from the backend repository and is made available for all edit and update functions.

Efficient and easy administration

Administrators can easily set up archiving policies, and OpenStore for File Server automatically executes the policies at predefined times, without any user intervention.



The administration of OpenStore for File Server does not require knowledge of the backend repository. The administration tool of OpenStore for File Server is a state of the art Windows application that provides Windows administrators with a familiar standard environment.

- Archives can be organized as logical groups of files from directories and subdirectories
- File groups and file types (extensions) may be included and excluded
- Files may be included and excluded based on the date of creation, modification and last access
- Files may be included and excluded based on the file size
- Archives may refer to a complete disk volume or any part of a directory structure



Information Lifecycle Management

OpenStore for File Server extends the scope of classical Hierarchical Storage Management by providing a rich set of functions to help organizations implement Information Lifecycle Management capabilities. The functions include:

- The administrator may define several individual archiving jobs for each volume including or excluding files based on the file type (extension)
- In addition to the traditional HSM migrate - recall mechanism, OpenStore for File Server may also be used for archiving purposes
- Search and retrieve options are available to the administrator for migrated and archived files
- When archived files are recalled and changed by a user, several versions of a migrated file are kept in the repository

The synergy of the physical view of data from Storage Management with the logical view of information from Content Management allows the use of the product in a broad range of application scenarios from classical HSM to industry specific data retention requirements - contributing to a comprehensive strategy of Information Lifecycle Management.

Member of the IBM enterprise content management infrastructure solutions

Combined with IBM DB2 Content Manager or IBM DB2 Content Manager OnDemand, OS4FS delivers additional functionality for the IBM enterprise content management solutions. In particular, it complements the DB2 CommonStore product family, which provides transparent archiving for email and SAP users. With OS4FS the same concept is now available for Windows File Servers.

For more information

OpenStore for File Server is a product of Intercope GmbH, which can be acquired from either IBM or Intercope. Contact your IBM Marketing Representative or Intercope directly for further details.

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