



FileSync

Synchronizes Applications and Files Between HP NonStop Servers

Features

Supports Expand and TCP/IP

Netbatch and FileSync scheduling capability

Automatic or scheduled file synchronization for Guardian and OSS

Uses TCP/IP to migrate current system to new system with same node name

Incorporates fault tolerance, parallel processing, qualified file wildcarding

Additional options - Security, Purge, Compression, Reporting, Triggers

Complements NonStop real-time data replication products

FileSync-DeDup
Synchronizes only changed data, not entire files between NonStop environments

FileSync-Incremental

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Overview

TANDsoft's FileSync™ software automatically monitors, replicates and synchronizes application environments and non-database files (edit, objects, source, TACL, blobs, OSS, SQL/MP, SQL/MX) across HP NonStop servers. It reduces the errors associated with maintaining duplicate system and application environments. Use FileSync for disaster, recovery, system migrations, upgrades, and backups. Its ease-of-use and affordability complement other third-party data replication products for complete business continuity solutions.

Data Deduplication streams only data that has changed within a file or database. It significantly improves file synchronization performance and bandwidth requirements.

How It Works

FileSync detects changes to customer-specified objects or files on the source system and synchronizes them automatically with the target system. Qualified expressions, file wildcarding, and file exclusions can all be utilized to help define selected files. *Before* and *after* triggers are provided for additional flexibility, and a lights-out feature can be implemented for synchronization without a staffing presence. FileSync supports both TCP/IP and Expand transport protocols. For system migration, TCP/IP is used to synchronize files to a new system with the same node name. FileSync also complies with system security measures, ensuring that only authorized users are able to access or replicate files. For every FileSync action, a report of synchronized files is produced. FileSync can be operated in *History/Report* mode to obtain a complete list of synchronized files or in *Verify/Report* mode for a list of out-of-sync files or files designated for purging.

FileSync-Deduplication improves synchronization times for large files. Only changed data, not entire files, are sent to the backup database. The FileSync deduplication algorithm detects what changes have been made to an already replicated file and transmits only the unique data. In addition, Deduplication increases Recovery Point Objective (RPO), and reduces Recovery Time Objective (RTO).

FileSync-Incremental improves processing time by analyzing and synchronizing only files that have changed or are new since the last synchronization.

File Types Supported

FileSync supports a wide variety of file types, including:

- all OSS and Enscribe (audited, non-audited, structured and unstructured) files
- NonStop SQL/MP and SQL/MX Catalogs, Tables and Partitions, Schemas
- program source, objects, configuration and TACL files

All HP NonStop Application Types are supported.

