



FileSync

**Replicates and Synchronizes
Applications and Files Between HPE
NonStop Servers**

Features

Uses block hash technology to send only changed data to a backup database

Asynchronous replication to backup system

Supports Expand and TCP/IP

Supports OSS and Enscribe files

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

Supports triggers

Preserves node-centric settings

Supports qualified expressions, discrepancy reporting, and SQL/MX filters

Supports OSS files, SQL/MP and SQL/MX catalogs, schemas, tables and partitions

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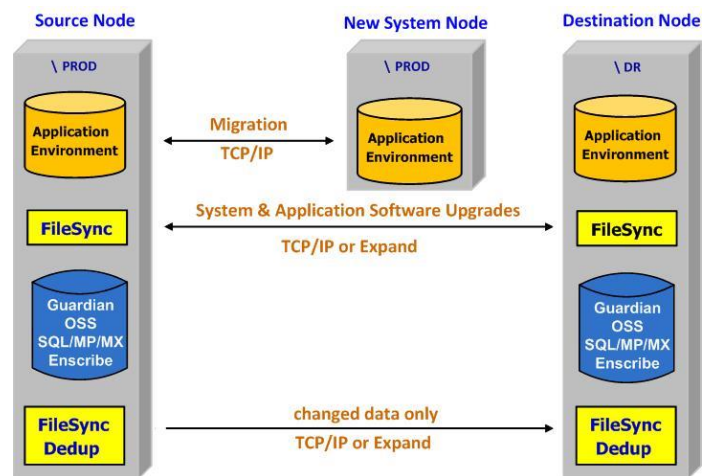
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Overview

FileSync automatically monitors, replicates and synchronizes application environments (source files, program files, configuration files) and asynchronous updates of large database files between HPE NonStop servers. TANDsoft customers use FileSync for system migrations, disaster recovery, upgrades, and backups.

FileSync software supports qualified expressions as well as the synchronization of SQL/MX tables. It supports OSS files; all Enscribe files – structured and unstructured, audited, non-audited; NonStop SQL/MP tables; program source and object files; and configuration and TACL files.

FileSync works closely with all real-time data replication products to provide a comprehensive solution for maintaining duplicate system and application environments. FileSync asynchronous updating replaces tapes to improve disaster recovery processing. Multiple copies of FileSync can coexist in the same NonStop server, with each copy serving a different business unit.



How It Works

FileSync Block Hash Compare technology streams to a backup database only data blocks that have changed within a file or database. This technology greatly improves file synchronization performance and network bandwidth.

FileSync detects changes to customer-specified objects or files on the source system and synchronizes them automatically with the target system. *Before* and *after* triggers are provided for additional flexibility. It supports both TCP/IP and Expand transport protocols. With TCP/IP, it migrates files between servers with the same node name. Automatic and scheduled synchronization is supported. Qualified expressions, file wildcarding, and file exclusions can all be utilized to help define selected 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 changes or in *Verify/Report* mode for a list of out-of-sync files or files designated for purging.

FileSync Benefits

- ✚ Certified on all HPE NonStop servers
- ✚ Zero application modifications required
- ✚ Free trials are available
- ✚ Complements NonStop real-time data replication products
- ✚ Fast and efficient – update target file with block difference instead of whole file
- ✚ Provides automatic or scheduled file synchronizations
- ✚ Reports – current and historical statistics are available