

Replistor®

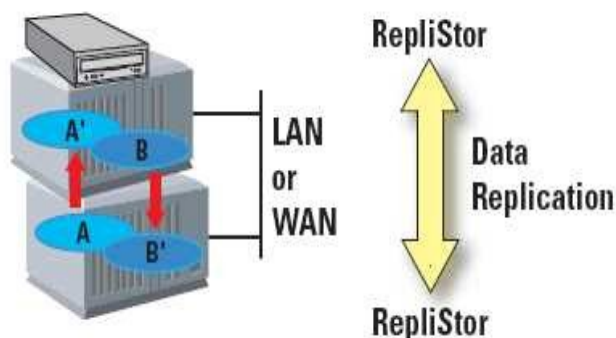
Protecting against data loss and ensuring fast restoration after outages in Windows environments

The Big Picture

- Provides server-based asynchronous, real-time, byte-level replication of files, directories, volumes, shares, and registry keys in Windows environments running on LANs or WANs
- Performs locally and remotely in one-to-one, one-to-many, and many-to-one configurations, providing multiple levels of data recovery, distribution, and consolidation
- Protects data by providing a remote, consistent copy at all times
- Ensures data recovery with Microsoft Volume Shadow Copy Service (VSS) to allow full recovery of Windows data and applications
- Supports any storage device; does not require proprietary hardware
- Reduces remote office expenses (hardware, media, and administration) - by replicating data to a central location for backup
- Minimizes data and application down-time and increases user productivity with automated server failover to a remote target

Ongoing business viability

EMC RepliStor- provides server-based local and remote asynchronous replication for Microsoft Windows environments. RepliStor replicates files, directories, volumes, shares, and registry keys-on a schedule or in real time-from a source server to a target server or servers using TCP/IP connectivity, regardless of data location. RepliStor operates over local area network (LAN) and wide area network (WAN) connections as well as across Windows domains. It does not require proprietary or specialized hardware and can be installed and administered remotely from any RepliStor client on your network.



RepliStor is a reliable, low-cost business continuance solution providing data replication, data recovery, data migration, centralized backup, and failover of server identity and applications. If a server fails, RepliStor ensures users stay connected to their applications and data at the secondary location.

Continuous data protection

RepliStor keeps your business productive during an outage, minimizing data loss and increasing recoverability. Protection goes beyond nightly backup to tape. Real-time data replication with RepliStor increases Windows server uptime and reliability and protects against data loss in Microsoft Exchange, SQL Server, Internet Information Services (IIS), Print Services, and other Windows files. After initially synchronizing the data, RepliStor replicates any file (or key) changes to one or more target servers continuously or scheduled.

Data recovery

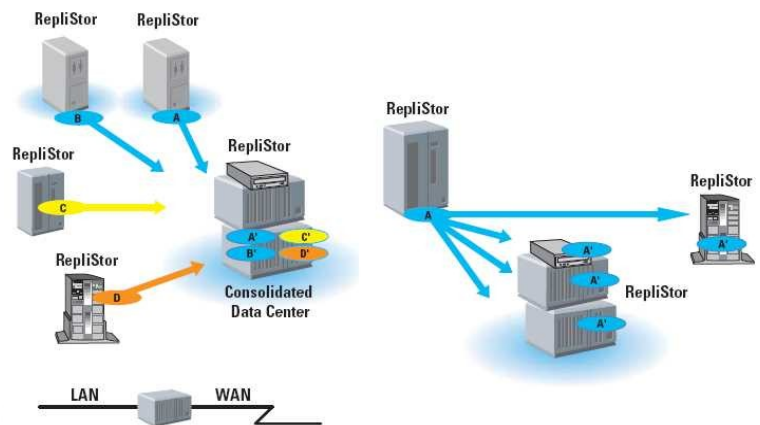
Data recoverability is a top concern for many companies. As a result, demand is growing to boost Microsoft Exchange uptime and recoverability. RepliStor creates file system and Exchange snapshots on a target server, without impacting the primary server. Leveraging Microsoft VSS to provide application-consistent snapshots, RepliStor ensures recoverability in case of data corruption or even a disaster on the primary server-allowing full recovery of Windows data and applications.

Non-intrusive and centralized data backup

Financial compliance regulations and other business imperatives require companies to protect data at remote locations. Unfortunately, acquiring and managing remote hardware and media is complex and the high costs continue to rise. Backing up remote office data to tape each night and shipping the tapes to be vaulted in a central location is not a complete solution: security can be breached and media can be lost. RepliStor replicates data to one or more locations, minimizing remote hardware, media, and personnel costs and simplifying media storage and security. Additionally, when target systems host current data copies, tape backups can be run from the target at any time without affecting application performance or users on source production systems.

Easy installation and management

RepliStor is inexpensive and easy to implement, learn, and manage, so it will not strain your IT budget or personnel. With minimal effort and in little time, RepliStor can be up and running. An administrator can then manage the entire replication process, including schedules and target locations, from a centrally located graphical user interface.



System efficiency

RepliStor uses minimal server and network resources and can be installed on an existing server without impacting application performance. After initial file synchronisation, RepliStor updates and replicates changes only. Companies can dedicate a network interface card (NIC) to manage RepliStor traffic, easily isolating it from the rest of the network and managing its impact on bandwidth.

Availability of clustered environments

Whether running in a physical environment or alongside VMware ESX Server in a virtual environment, RepliStor can be integrated with EMC AutoStart to provide granular application protection during planned or unplanned outages. In the event of application, network, or hardware failure, AutoStart manages application and data failover services automatically so applications keep running. AutoStart also manages the failback process when data on the primary server has been recovered. RepliStor replicates the data for appropriate re-synchronization and relocation while AutoStart manages applications and the storage replication restart processes. AutoStart seamlessly transfers control of storage resources to a remote facility in the event of a remote-host application restart.

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