LifeKeeper Data Replication

Key Features:

- Continuous, periodic, or scheduled mirrors

- User-definable block level mirrors

- Change-level data replication

- Elimination of "white space" from replication process

- Rapid volume-based replication

- Persistent intent log enables fast re-sync

- Synchronous or asynchronous mode

- Replication pause capability

- Lock and unlock target

- Enables partial re-sync

- Replication over local or wide area networks

- Intuitive, easy to use graphical interface

- Integrates with SteelEye LifeKeeper clustering to support non-shared storage failover, or wide area disaster recovery

- Windows & Linux

- Runs on all major Intel server systems

The Need to Protect Critical Data

Data is the lifeblood of every organization and assuring that data is always available is the most important mission of IT departments.

System failures, power outages, and natural disasters all put business-critical data at risk of being permanently lost, or inaccessible for extended periods of time. To make matters worse, limited technical resources, shrinking back-up windows to maximize online availability, and growing technological complexity, all contribute to the increased difficulty and importance of data protection.

With SteelEye® LifeKeeper® Data Replication, these challenges are solved and risk is eliminated. An industry-proven solution on Windows and Linux, LifeKeeper Data Replication provides dynamic, disk-level replication of data across local and wide area networks.

Fast Replication With Low Network Demand

LifeKeeper Data Replication replicates data at the block level, below the file system. Most importantly, LifeKeeper Data Replication only replicates changes in data and thereby minimizes the demand on systems and networks. A critical issue when replicating data over long distances.

Flexible and Secure Replication Options

LifeKeeper Data Replication offers flexibility in defining how and when data is mirrored, with options for continuous, periodic and scheduled replication procedures. The ability to perform both synchronous and asynchronous mirroring, further enables users to align their data protection procedures with their business requirements. In the event of a network failure, re-synchronizing data and disks between locations is fast and dependable with LifeKeeper Data Replication's change-logging capability.

Save Time, Money With Automated, Low Latency Disk-to-Disk Backup

LifeKeeper Data Replication is an ideal backup solution for a department or a small/medium-size business. With LifeKeeper Data Replication, an IT department can establish a variety of automated and scheduled backup procedures that eliminate the need to disrupt user work activity during the daytime, as an alternative to midnight backup sessions.

By using LifeKeeper Data Replication for disk-to-disk backup, organizations can be assured that, in the event of a failure or disaster, data will be protected.

Integration with Existing Back-Up Procedures

LifeKeeper Data Replication's unique "pausing" approach enables IT departments to integrate disk replication with existing archiving procedures. Unique online volumes can be created at the end of each day, which can then be backed up to a tape system for long-term storage and data archiving. In case of a system failure, the recovery process is almost immediate because data is available on a hot disk. LifeKeeper Data Replication works well with tape backup systems to support your organization's established archiving procedures.

Centralized Back-Up—Automated Data Replication Over Wide Area Network

Many organizations are spread across campuses, cities, the country or around the world. With LifeKeeper Data Replication, an IT department can set up the same disk-to-disk procedures available for LAN environments for use over the WAN. With LifeKeeper Data Replication an organization can assure that critical data from all of its locations is consolidated, centrally backed up, and managed.

Low-Cost High Availability

When combined with SteelEye LifeKeeper high availability clustering software, users can establish a most secure, automated, and highly available system at an affordable price. The SteelEye solution provides a secure environment with real-time back up of your data such that if your primary system fails LifeKeeper provides automated failover to assure continuous system and application availability. If you already have hardware systems in place, you can make your environment highly available and data secure by simply adding LifeKeeper Data Replication and LifeKeeper clustering software.

SteelEye LifeKeeper Data Replication

Disaster Recovery Protection With Wide Area Data Replication

Disaster recovery is critically dependent upon the ability to seamlessly replicate data over a wide area.

LifeKeeper Data Replication provides the ability to easily and securely establish an off-site location for data storage and protection. The ability to replicate only changed data asynchronously, combined with tools for logging and integration with schedulers, makes LifeKeeper Data Replication the fastest and most effective solution for wide area data mirroring available today.

Ease of Use

SteelEye specializes in bringing extreme ease of installation and use to its entire product line. LifeKeeper Data Replication can be installed on existing Intel-based systems and is typically up and running within a day. With minimal system requirements, LifeKeeper Data Replication can handle an unlimited quantity of data.

LifeKeeper Data Replication supports most applications that run on Microsoft Windows and Linux operating environments.

Technical Requirements

- Windows 2003 Server, Advanced Server and Data Center Server, Windows 2000, Windows NT

- Linux Distributions: Red Hat Enterprise Linux and Professional, SUSE SLES 8 - support for both 32-bit and 64-bit Itanium and Opteron environments

Consulting and Support Services

For customers who have more complex requirements and installations, SteelEye offers a full range of consulting services ready to help design and implement your data protection solution. These include High Availability and Disaster Recovery Assessment and Design, and LifeKeeper Implementation, Configuration Validation and Training.

SteelEye provides a complete range of technical support services for licensed end users, including 24x7 on-call emergency telephone support.

About SteelEye Technology®

SteelEye is a leading provider of enterprise IT reliability solutions for business continuity and disaster recovery. The SteelEye LifeKeeper family of software products enable enterprises of all sizes to ensure continuous availability of business-critical applications and data on industry standard Intel-based servers and storage systems. SteelEye software products are available worldwide and may be purchased directly from SteelEye or through the SteelEye international network of business partners.

For more information, visit the SteelEye web site at www.steeleye.com.

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