QUEST SOFTWARE®
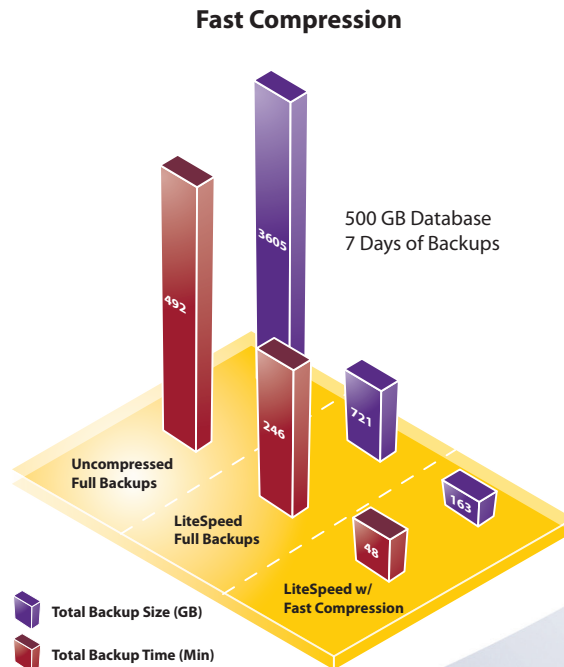*Smart Systems Management*

LiteSpeed®
for SQL Server

The Fastest, Most Flexible Database Backup and Recovery Solution on the Market

No one likes waiting for a backup and recovery job to finish—it seems like it takes forever. But this frustratingly slow process isn't just essential to your organization—it's vital to your career. As DBAs know, reputations are won and lost at the worst of times: when data goes missing and when backup or recovery jobs fail. Inefficient backup and recovery operations not only waste your time, but they also waste expensive storage space.

LiteSpeed® for SQL Server delivers unprecedented capabilities in backup compression, speed and control. It greatly reduces backup times and storage costs with smaller, more intelligently managed backups. Its patent-pending fast compression technology reduces the database backup footprint up to 85 percent more than traditional, compressed full backup solutions and provides improved validation to ensure data can be recovered quickly and efficiently.

LiteSpeed provides an enterprise view of the backup and recovery environment through an intuitive interface, scripting commands via T-SQL, or a fully functional command line executable. It enables enterprise-wide deployment and upgrades through its cluster-aware and remote installation capabilities. LiteSpeed offers an optional, lightweight, easy-to-deploy native backup engine, so DBAs can take full advantage of LiteSpeed compression and encryption without having to modify existing backup strategies or SQL scripts. LiteSpeed's advanced object-level recovery and transaction log reader features allow users to query backup files, recover lost data and objects and reverse transactions to undo critical changes without the need to restore an entire database. This allows faster recovery from potentially disastrous changes.

BENEFITS

- Compresses backups up to 85% more than competing full backup solutions
- Analyzes for the best compression options for databases
- Provides automatic recovery from I/O issues
- Performs object-level recovery from backup files to prevent having to restore
- Rolls back transactions to recover data from critical operations that affect production data and objects
- Secures data with nine-level encryption, including 256-bit AES
- Provides centralized reporting of all LiteSpeed operations
- Creates portable backup files to allow database restores without LiteSpeed and reduce disaster recovery time
- Attaches external files to backup files to provide a comprehensive database backup solution
- Automates log shipping setup and monitoring for disaster recovery
- Includes a native backup engine for quickly adding compression and encryption to existing backup strategies

"By implementing LiteSpeed's fast compression, we reduced our client's nightly backups from an average of 220 GB to just 47 GB. This cut the monthly storage costs by about 75 percent, making LiteSpeed a huge win for our client, and a huge win for us."

—Chris Burns,
   Technical Director
   Data Technology Consultants

LiteSpeed With Fast Compression Significantly Reduces Backup Time and Size

Fast Compression

500 GB Database
7 Days of Backups

3605
492
246
721
163
48

Uncompressed Full Backups
LiteSpeed Full Backups
LiteSpeed w/ Fast Compression

■ Total Backup Size (GB)
■ Total Backup Time (Min)

Features and Benefits:

Fast Compression: Achieve significant reductions in backup size and time with the highest degree of recoverability

New Compression Design: Compress data with eight compression options to accommodate databases requiring maximum compression

Network Resilience: Recover automatically from I/O problems

SmartCleanup: Remove backups from disk with customized retention parameters without disrupting backup integrity

Object-Level Recovery: Restore individual objects and query backup files without doing a database restore

Transaction Log Reader: Roll back transactions to recover data and objects from operations that would otherwise adversely affect the database

Centralized Reporting: Track all backup activity for easy DBA review by using the comprehensive reporting option

Intuitive Log Shipping Monitor: Configure and monitor log shipping plans and latency alerting; add/remove subscribers on demand

Robust Encryption: Secure data with nine levels of encryption, up to AES 256-bit, without impacting performance

Exclusive Double-Click Restore: Create portable database backup files that you can restore simply by double-clicking on the file

Exclusive File Attachments: Attach externally stored files and folders as a part of any LiteSpeed backup

IBM Tivoli Storage Manager (TSM) Integration: Integrate directly with IBM's Tivoli Storage Manager

Backup Analyzer: Test compression levels and backup locations to determine optimal backup settings and identify bottlenecks

Job Manager: View and manage jobs from multiple instances using grid or calendar-style views

LiteSpeed Engine for SQL Server: Gain an optional, native backup engine to allow you to continue leveraging existing SQL Server backup commands and scripts, including maintenance plans, while taking full advantage of LiteSpeed's compression and encryption capabilities

SYSTEM REQUIREMENTS

Minimum Requirement:

Operating System:
- Windows 2008/2008 R2
- Windows 2003
- Windows 2000 (Service Pack 4)
- Windows 7
- Windows XP
- Windows Vista

Database Server:
- SQL Server 2008/2008 R2
- SQL Server 2005
- SQL Server 2000
- SQL Server 7.0 (Service Pack 4)
- 32-bit, 64-bit, and Itanium SQL Server Compatible with: Tivoli Storage Manager (TSM) version 5.3 or later

AWARDS

About Quest Software, Inc.

Now more than ever, organizations need to work smart and improve efficiency. Quest Software creates and supports smart systems management products—helping our customers solve everyday IT challenges faster and easier. Visit **www.quest.com** for more information.