

Quest® LiteSpeed® for SQL Server

The fastest, most flexible SQL Server backup and recovery solution on the market

Reduce cloud storage costs for backups generated by on-premises applications

Cloud storage has become one of the most convenient and efficient methods to store data online. Increasingly, many organizations are now implementing the so-called “hybrid cloud storage” model, where existing infrastructure is used for on-premises applications, while data is being stored in the cloud. While cloud-based storage provides a strong consumption-based model, it comes with a cost that can increase steeply when your data output is becoming larger by the day.

Experience unprecedented capabilities in backup compression, speed, control and management — and say goodbye to frustratingly slow backup and recovery jobs. With Quest® LiteSpeed® for SQL Server, you can greatly lower the costs associated with backup policy all while offering greater and faster recoverability capabilities. Ensure the correct SQL Server data is restored and available as quickly as possible with a wide variety of recovery options. Integrate directly with Microsoft Azure Blob storage and Amazon S3, as well as IBM TSM for cloud-based backup and restore with on-premises and virtualized cloud SQL Servers.

The fast compression technology in LiteSpeed reduces the database backup footprint up to 85% more than traditional solutions. By deduplicating, compressing, and validating, LiteSpeed ensures backups are small, run fast and 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

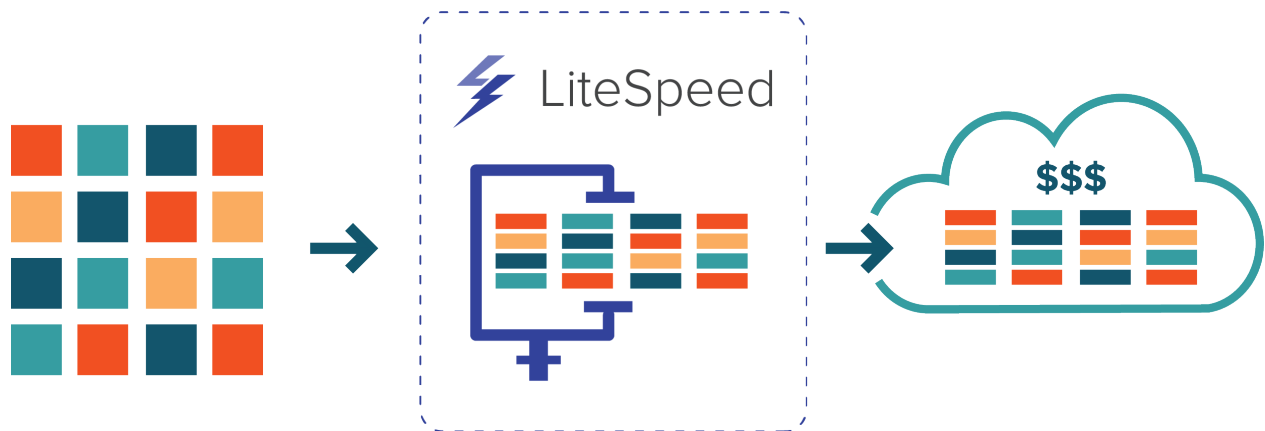
line API. It simplifies enterprise installation and job management through its remote installation and backup template technologies.

The Adaptive Compression feature in LiteSpeed maintains optimal backup performance while ensuring backups never interfere with normal server operation. Advanced Object-Level Recovery and Transaction Log Reader features allow you 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:

- **Smaller backup footprint reduces monthly cloud storage costs**
- **Compresses backups up to 85% more than competing solutions**
- **Creates small, fast and managed backups with our patented Fast Compression technology**
- **Uses Adaptive Compression to continually monitor backups and adjust compression for optimal performance**
- **Dramatically reduces database recovery time to minimize business impact**
- **Provides an automated way to restore backups to refresh a secondary environment, perform restore testing and check database integrity**

Save Space and Cloud Costs



Use one of the 9 tiers of compression available in LiteSpeed to shrink the size of database backups as much as possible – this will minimize the cloud storage size and cost. By shrinking the size, you are automatically shrinking the package that is being sent to the cloud, decreasing your pipeline burden, and lowering your upload and CPU costs. Generate different backup policies across your environment using LiteSpeed to ensure you are backing up what you need and moving it to the cloud, further reducing cloud costs.

Features and benefits

- **Cloud backup** – Reduce cloud storage costs for backups generated by on-premises applications. Backup and restore directly to Amazon S3, Google Storage and Microsoft Azure Blob storage.
- **Backup templates** – Design backup strategies and easily deploy them to multiple instances as jobs or maintenance plans
- **Automated repository maintenance** – Automatically keep only as much backup and restore history as needed
- **Advanced Data Compression** – Compress data using Adaptive Compression or one of eight compression levels to accommodate all database and server requirements
- **Fast Compression** – Achieve significant reductions in backup size and time with the highest degree of recoverability
- **Restore as compressed** – Restore a LiteSpeed backup as a compressed, read-only database to save valuable disk space
- **SQL Server Always-On Availability Groups** – Easily back up the databases on the preferred instances in SQL Server Always-On Availability Groups
- **Centralized instance sharing** – Share a common set of instances across all LiteSpeed consoles for simplified instance management
- **Network resilience** – Recover automatically from I/O problems during backup and restore operations
- **SmartCleanup** – Remove backups from disk, TSM and cloud with customized retention parameters without disrupting backup integrity
- **Object-level recovery** – Restore individual objects and query backup files without doing a database restore
- **Automated restore** – Easily restore the most recent backups of multiple databases on any instance and check database integrity
- **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** – Automatically configure and monitor log shipping plans and latency alerting; add/remove subscribers on demand
- **Double-click restore** – Create portable database backup files that you can restore simply by double-clicking on the file
- **File attachments** – Attach externally stored files and folders as a part of any LiteSpeed backup
- **IBM TSM integration** – Integrate directly with IBM's TSM
- **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
- **Re-execute failed backups** – Easily re-run a failed backup right from the LiteSpeed console

“By implementing LiteSpeed’s Fast Compression, we reduced our client’s backup footprint from an average of 220GB to just 47GB. This cut the monthly storage costs close to 80 percent, making LiteSpeed a huge win for our client, and a huge win for us.”

Chris Burns
Technical Director, Data Technology Consultants

About Quest

Quest creates software solutions that make the benefits of new technology real in an increasingly complex IT landscape. From database and systems management, to Active Directory and Microsoft 365 migration and management, and cybersecurity resilience, Quest helps customers solve their next IT challenge now. Quest Software. Where next meets now.