

Log Shipping Backup CLI Commands

SQL Safe provides you with CLI commands to help you manually perform a log shipping primary backup.

To perform LogShipBackup operations use the following command:

- SQLsafeCmd LogShipBackup [options]

Where the required [options] are:

Options	Descriptions
-BackupLocation <path>	<path> - the network path where backups will be stored.
-DatabaseName <name>	<name> - name of the primary database.

Common Options

The following options help you perform LogShipBackup operations:

Options	Descriptions
-BckDstType <type>	The backup destination type is used for the backup. <type> - {0, 1, 2, 3, 4}.
- CompressionLevel el <level>	The compression level used for the backup. <level> - {ispeed, isize, 0, 1, 2, 3, 4}. Note: if the compression level is not specified, ispeed is the default.
-EncryptionType <type>	The type of encryption used to encrypt the backup. <type> - {AES128, AES256}.
- EncryptedBackup pPassword <pwd>	<pwd> - the encrypted password used to encrypt the backup. (Used with EncryptionType).

<p>-Delete <n><time_period></p>	<p>After a backup successfully completes, delete archives that are older than the specified amount of time.</p> <p><n> - amount of time.</p> <p><time_period> - {minutes, hours, days, weeks, months}.</p> <p>There must be NO SPACE between <n> and <time_period>.</p> <p>E.g., -delete 2hours.</p> <p>Note: if you use the space between <n> and <time_period>, the backup archive filename will be automatically generated with the following pattern:</p> <p><instancename>_<databasename>_<backuptype>_<timestamp>.safe</p> <p>where the <timestamp> is in UTC time and in the form of YYYYMMDDHHMM.</p>
<p>-InstanceName <name></p>	<p><name> - SQL server instance name.</p> <p>Note: it is not required if the instance is set as a default on the target server.</p>

Security Options

Secure your LogShipBackup operations with the following options:

Options	Description
-NoPrompt	Never prompt for credentials even if necessary.
-SecurityModel <model>	<p>The security model used to log into SQL Server.</p> <p><model> - {Integrated, SQL}.</p> <p>Note: Integrated (Windows authentication) is the default.</p>
-SqlUsername <username>	<username> - the SQL Server username. (SQL SecurityModel).
-SqlPassword <pwd>	<pwd> - the SQL Server password. (SQL SecurityModel).
- EncryptedSqlPassword <pwd>	<pwd> - the encrypted SQL Server password generated by EncryptSqlPassword action. (SQLSecurityModel).
-WindowsUsername <domain\user>	<domain\user> - the Windows user that will be used to read/write the backup archive.

-WindowsPassword <pwd>	<pwd> - the password for the Windows user.
- EncryptedWindowsPa ssword <pwd>	<pwd> - the encrypted password for the Windows user generated by EncryptWindowsPassword action.

Advanced Options

The following advanced options help you perform LogShipBackup operations:

Options	Description
-MailTo <email_address>	<email_address> - an email address(es) to send the notification via SMTP. Note: multiple addresses may be separated by spaces, semicolons, or commas.
-Threads <number>	<number> - specifies the number of threads that should be used to distribute the backup process across multiple processors.
-RetryWrites <interval> <retry_time> <total_time>	On a network file error, retry every <interval> seconds for up to <ret ry_time> seconds. Total retry time allowed is <total_time> minutes.

For detailed descriptions and available options, see the CLI Help (`SQLsafeCmd help LogShipBackup`).

SQL Safe is a high-performance backup and recovery solution for your SQL Servers. [Learn more >>](#)

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