

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 <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}. |
| - EncryptedBackupPassword <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> | <p><email_address> - an email address(es) to send the notification via SMTP.</p> <p>Note: multiple addresses may be separated by spaces, semicolons, or commas.</p> |
| -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 <retry_time> seconds. Total retry time allowed is <total_time> minutes. |

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