

# Log Shipping Restore CLI Commands

SQL Safe provides you with CLI commands to help you manually perform a log shipping secondary restore.

To perform a LogShipRestore operations use the following command:

- SQLsafeCmd LogShipRestore [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 LogShipRestore operations:

Options	Descriptions
-DisconnectUsers	Disconnects all users from the target database before the restore operation begins.
-EncryptedRestorePassword <pwd>	<pwd> - the encrypted password used to decrypt the backup.
-InstanceName <name>	<name> - SQL server instance name.  Note: it is not required if the instance is set as a default instance on the target server.
-LoadDelay <minutes>	<minutes> - the number of minutes to delay the restore.

## Security Options

Secure your LogShipRestore operations with the following options:

Options	Description
-NoPrompt	Never prompt for credentials even if necessary.

-SecurityModel <model>	The security model used to log into SQL Server.  <model> - {Integrated, SQL}.  Note: Integrated (Windows authentication) is the default.
-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.
- EncryptedWindowsPassword <pwd>	<pwd> - the encrypted password for the Windows user generated by EncryptWindowsPassword action.

## Advanced Options

The following advanced options help you perform LogShipRestore 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.
-RecoveryMode <mode> [- UndoFile<filename>]	Specifies the mode in which to leave the database after the operation is completed.  <mode> - {NoRecovery, Standby}.  Note: for Standby mode an undo file may be specified with the -UndoFile option.
-Threads <number>	<number> - specifies the number of threads that should be used to distribute the backup process across multiple processors.

-UndoFile <filename>	<filename> - specifies the ABSOLUTE path to the undo filename.  Note: for Standby recovery mode only.
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For detailed descriptions and available options, see the CLI Help (SQLsafeCmd help LogShipRestore).

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