Use Command Line Interface (CLI) to automate SQL Safe Backup functions

SQL Safe Backup provides you with a Command Line Interface (CLI) to automate its functions. The CLI commands allow you to make changes to your SQL Safe Backup configurations across multiple SQL Server instances in a few lines of text, saving you time.

About Command Line Interface (CLI)

A Command Line Interface (CLI) is a user interface that allows you to interact with the operating system. The interaction is performed through commands where you type an specific command and the operating system performs an action.

Make sure you are aware of proper command format for each action you want to perform.

SQL Safe Backup CLI Usage

The following commands help you automate your SQL Safe Backup functions:

Usage	Description
SQLsafeCmd <action> [options]	Perform an action.
SQLsafeCmd help <action>	Display detailed help for an action.
SQLsafeCmd -ArgsFile <filename>	Perform the action defined within an argument file.

where:

Action	Description
<action>	A keyword that tells SQL Safe what to do.
<filename>	Specifies the file that contains command line arguments.

When you use the *SQLsafeCmd* command, the following actions can be performed:

Actions	Description	Example
Help	Display detailed descriptions and available options.	SQLsafeCmd help <action>
Backup	Backup a database.	SQLsafeCmd help backup
Restore	Restore a database.	SQLsafeCmd help restore

RestoreLast	Restore the most recent full backup of a database from the specified directory.	SQLsafeCmd help restorelast
InstantRestore	Instant Restore a database.	SQLsafeCmd help instantrestore
Verify	Verify a database backup.	SQLsafeCmd help verify
RestoreFileListOnly	List files for database in backup set.	SQLsafeCmd help restorefilelistonly
RestoreHeaderOnly	List backup sets in an archive.	SQLsafeCmd help restoreheaderonly
Browse TSM	Browse Tivoli Storage Management.	SQLsafeCmd help browse TSM
Expire TSM	Expire Tivoli Storage Management backup archives.	SQLsafeCmd help expire TSM
Extract TSM	Extract a file from Tivoli Storage Management.	SQLsafeCmd help extract TSM
License	Register a Backup Agent license.	SQLsafeCmd help license
EncryptBackupPassword	Encrypt plain-text password for encrypted backups.	SQLsafeCmd help encryptbackuppassword
EncryptRestorePassword	Encrypt plain-text password for encrypted restores.	SQLsafeCmd help encryptrestorepassword
EncryptSqlPassword	Encrypt plain-text password for SQL Server logins.	SQLsafeCmd help encryptsqlpassword
EncryptWindowsPassword	Encrypt plain-text password for Windows logins.	SQLsafeCmd help encryptwindowspassword
InstallXsp	Install SQL Server extended stored procedures for SQLsafe.	SQLsafeCmd help installxsp
Delete	Delete backup archives older than the specified date.	SQLsafeCmd help delete
LogShipBackup	Log Shipping primary backup.	SQLsafeCmd help logshipbackup
LogShipRestore	Log Shipping secondary restore.	SQLsafeCmd help logshiprestore

ObjectLevelRecovery	Restore database objects.	SQLsafeCmd help objectlevelrecovery
Create-Policy	Create a new policy.	SQLsafeCmd help create-policy
Edit-Policy	Edit existing policy.	SQLsafeCmd help edit-policy
AddDatabase	Deploy new database for existing policy (LogShipping or Backup policy).	SQLsafeCmd help adddatabase
Virtual Database	Display detailed descriptions and available options.	SQLvdbCmd help

The examples in the above table provides you with commands to use in Command Prompt. Those commands will display detailed descriptions and available options for each action.