

## Edit Restore Policies CLI Commands

SQL Safe provides you with CLI commands to help you manually edit your restore policies.

### Options to Edit Restore Policies

To edit restore policies with minimal required options use the following command:

- SQLsafeCmd Create-Policy Restore <policy\_name> -InstanceName <name> - DatabaseName <source\_db\_name> -SourceBackupPolicy <policy\_name|GUID> - TargetInstance <name> -TargetDatabase <target\_db\_name> [options]

The following options can also be used to edit restore policies:

| Option                                                  | Description                                                                                                                                |
|---------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| -ActionType <action>                                    | Specifies the policy action.<br><br><action> - SqlAgent, SqlSafeBackupAgent, MonitorOnly.<br><br>Note: the default is the SqlAgent action. |
| -RestrictRun [on off]                                   | [on off] - Enable/Disable the policy.                                                                                                      |
| -Description<br><description>                           | <description> - specifies the policy description.                                                                                          |
| -NewName<br><policy_name>                               | <policy_name> - specifies the new name of the policy.                                                                                      |
| -InstanceName<br><instance_name>                        | <instance_name> - specifies the source instance.<br><br>Note: this parameter is required.                                                  |
| -DatabaseName<br><db_name>                              | <db_name> - specifies the database to restore.<br><br>Note: this parameter is required.                                                    |
| -Server <server_name>                                   | <server_name> - specifies the source server.<br><br>Note: this parameter is optional.                                                      |
| -RetryWrites <interval><br><retry_time><br><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.  |
| -SourceBackupPolicy<br><policy_name GUID>               | <policy_name GUID> - specifies the backup policy for source database.                                                                      |

|                                  |                                                                  |
|----------------------------------|------------------------------------------------------------------|
| - BackupEncryptionPassword <pwd> | <pwd> - specifies the password for encrypted source backup file. |
|----------------------------------|------------------------------------------------------------------|

## Account Options

The following account options help you edit restore policies:

| Options                           | Description                                                                                                                                    |
|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| -UseAgentAccount<br><yes no>      | Specifies the Agent account for accessing to files.<br><br>Note: by default, the policy uses Agent account.<br><br>This parameter is optional. |
| -WindowsUsername<br><domain\user> | <domain\user> - specifies the user name, used when writing /reading to files during restore.                                                   |
| -WindowsPassword<br><pwd>         | <pwd> - specifies the password.                                                                                                                |

## Target Options

The following target options help you edit restore policies:

| Options                            | Description                                                                                                                                 |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| -TargetInstance<br><instance_name> | <instance_name> - specifies the target instance.<br><br>Note: this parameter is required.                                                   |
| -TargetDatabase<br><db_name>       | <db_name> - specifies the new database.<br><br>Note: this parameter is required.                                                            |
| -TargetServer<br><server_name>     | <server_name> - specifies the target server.<br><br>Note: this parameter is optional.                                                       |
| -LogLocation<br><path>             | <path> - specifies where to store the database log files.<br><br>Note: the default value is the current target database log files location. |
| -DataLocation<br><path>            | <path> - specifies where to store database data files.<br><br>Note: the default value is the current target database data files location.   |

|                                 |                                                                                                                                                                                              |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| -RecoveryMode<br><mode>         | Specifies the database state after restore action.<br><br><mode> {NoRecovery, Standby, Recovery}.                                                                                            |
| -DisconnectUsers<br><yes no>    | Disconnects all users from the target database before the restore operation begins.<br><br>Note: this parameter is optional.                                                                 |
| -ContinueAfterError<br><yes no> | Instructs SQL Server to continue the operation despite encountering errors such as invalid checksums.<br><br>Note: For SQL 2005 and later only.<br><br>This parameter is optional.           |
| -IncludeLogins<br><yes no>      | For backup, includes the database logins in the backup file.<br><br>For restore, creates the logins from the backup file on the destination server.<br><br>Note: this parameter is optional. |
| -KeepReplication<br><yes no>    | Preserves replication settings when restoring a published database to a server other than that on which it was created.<br><br>Note: this parameter is optional.                             |

### Schedule Options

You can schedule the edition of restore policies by using the following options:

| Options                    | Description                                                                                                                                                                                                                    |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| -Schedule<br><occurs_type> | Specifies the schedule type (occurs type).<br><br><occurs_type> - OnDemand, Daily, Weekly, Monthly.                                                                                                                            |
| -Every <n>                 | Specifies how often the policy runs. It depends on the schedule type.<br><br>For Daily: every <n> day(s).<br><br>For Weekly: every <n> week(s).<br><br>For Monthly: every <n> month(s).<br><br>Note: the default value is "1". |

|                                    |                                                                                                                                                                                                                                                                                                                                                         |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| -Day <day>                         | <p>&lt;day&gt; - specifies a day of the week or a day of a month.</p> <p>Note: it is valid only with Weekly, Monthly schedule types.</p> <p>Valid values for Weekly: MON - SUN and * (every day). SUN is default.</p> <p>Valid values for Monthly: MON - SUN, Weekday, WeekendDay, Day or number 1 - 31. Is required when -MonthDay option is used.</p> |
| -MonthDay<br><month_day>           | <p>Specifies how often the policy runs.</p> <p>&lt;month_day&gt; - FIRST, SECOND, THIRD, FOURTH, LAST use with -Day option. LASTDAY - the policy runs on the last day of the month.</p>                                                                                                                                                                 |
| -StartTime<br><time>               | <p>&lt;time&gt; - specifies the time of day that the policy runs.</p> <p>Note: it is required with a "once" frequency.</p> <p>The default value is the current local time when policy creates.</p>                                                                                                                                                      |
| -EndTime<br><time>                 | <p>&lt;time&gt; - specifies the time of day that the policy ends.</p> <p>Note: it is is not valid in a "once" frequency.</p> <p>The default value is the "23:59:59".</p>                                                                                                                                                                                |
| -Frequency<br><n><time_perio<br>d> | <p>Specifies daily frequency (how often the policy runs within a day).</p> <p>&lt;n&gt; - amount of time.</p> <p>&lt;time_period&gt; - {hour, minute}.</p> <p>E.g., -Frequency 2hours.</p> <p>Special keyword: Once. E.g., -Frequency Once.</p>                                                                                                         |
| -StartDate<br><date>               | <p>&lt;date&gt; - specifies the date that the policy starts.</p> <p>Note: The default value is the current date.</p> <p>This parameter is optional.</p>                                                                                                                                                                                                 |
| -EndDate<br><date>                 | <p>&lt;date&gt; - specifies the last date that the policy is scheduled to run.</p> <p>Note: by default, the schedules have no ending date.</p> <p>This parameter is optional.</p>                                                                                                                                                                       |

Note: you can optionally specify restore job occur schedule.

## Email Options

You can set email notifications for your restore policy editions by using the following options:

| Options                                                                                                            | Description                                                                                                                                                                                                                                                                                                                                                                                                                     |
|--------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <code>-MailTo &lt;email&gt; [&lt;email&gt; ...] &lt;on_event&gt; [&lt;on_event&gt; ...] [&lt;frequency&gt;]</code> | <p><code>&lt;email&gt;</code> - specifies where to send notification.</p> <p><code>&lt;on_event&gt;</code> - specifies the event on which send notification.</p> <p>Valid events are: OnError, OnSkip, OnCancel, OnWarning, OnSuccess.</p> <p>The default is no event.</p> <p><code>&lt;frequency&gt;</code> - specifies the notification frequency.</p> <p>Valid values: Once, Always, Never.</p> <p>The default is never.</p> |

Note: you can optionally specify email settings.

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