

While the Release Notes provide you with the most current information regarding SQLsafe lite, while the main Help gives you the detail you need to understand the Enterprise version of SQLsafe and how it provides a powerful backup and recovery solution.

You can use the [main SQLsafe Help](#) to:

- [Manually back up your database](#)
- [Automate your backups and restores](#)

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Idera SQLsafe lite is a lite version of our award-winning SQLsafe backup and recovery solution for Microsoft SQL Server. SQLsafe lite gives you a high-performance compression engine that provides up to 95% compression and a scriptable interface as command line interface and XSP.

For a more advanced backup and recovery solution with encryption, additional compression options, and enterprise-class management capabilities, check out the full version of SQLsafe.

SQLsafe lite gives you a simple backup solution that allows you to save space and time and offers an easy-to-use scriptable interface. Upgrade to SQLsafe enterprise edition to automate your backups, perform simpler log shipping, and track backup and restore history across your network.

As a backup and recovery solution, SQLsafe lite provides:

- A scriptable interface (command line or XSP)
- Striped backups
- 32- and 64-bit support
- SQL virtual database support

This documentation set includes a comprehensive online Help system as well as additional resources that support you as you install and use the product. You can also search Idera Solutions, available at the [Idera customer service portal](http://www.idera.com/support) (www.idera.com/support).

Please contact us with your questions and comments. We look forward to hearing from you. For support around the world, please contact us or your local partner. For a complete list of our partners, please see our [Web site](http://www.idera.com) (www.idera.com).

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The following terms are used in the product and throughout the documentation.

Application Feature

SQLsafe performs tasks and displays information depending on the Application Feature you have selected. You can change the application feature by clicking a button in the navigation pane on the Management Console. SQLsafe Today, an additional feature, can be reached by clicking the globe icon on the menu bar, or through the View menu.

Backup Agent

The Backup Agent is a service that runs on each of the SQL Server instances hosting databases you want to backup and restore. Before you can deploy a Backup Agent to a SQL Server instance, you must [register the SQL Server instance](#) with SQLsafe.

Operation

An Operation is a work item that can be scheduled to be performed by the Backup Agent. Backups and restores are executed as operations.

Policy

A policy consists of a list of databases, a set of operations to be performed on those databases, and a set of schedules according to which the operations will be performed. Policies allow you to define a maintenance plan across multiple SQL Server instances, which can reside on one or more physical servers. You can then use the Management Console to monitor the status of policies and their associated database backup operations.

Server Groups

Server Groups are collections of similarly tasked SQL Server instances, whose performance and policy status is more easily monitored together. You are not required to place SQL Server instances into groups but, in an enterprise with hundreds of servers, compliance review can be greatly simplified.

This Help system can be accessed either through the Start menu, through the Help menu on the Management Console, or by pressing F1 on your keyboard while on the window for which you would like more information.

TIP The online Help requires Internet Explorer version 7.0 or later.

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Our tools are engineered to scale - from managing a single server to enterprise deployments with thousands of servers. Idera products combine ease of use with a design that installs in minutes, configure in hours, and deploy worldwide in days. To learn more about Idera products, visit our [Web site](http://www.idera.com/products) (<http://www.idera.com/products>).

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You need a powerful backup and recovery solution that greatly reduces backup and recovery time, minimizes storage requirements, and provides enterprise management capabilities to conduct backups across a large numbers of servers simultaneously. SQLsafe has been specifically designed to meet these requirements, resulting in increased application and business availability for your critical SQL Server infrastructure.

- [Learn about key new features in this release](#)
- [Review issues fixed by this release](#)
- [Review previous features and fixed issues](#)
- [See known issues](#)
- [See list of recommended Idera Solutions](#)

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SQLsafe lite 7.0 provides the following new features and fixed issues.

7.0 new features

SQLsafe lite users can now install the SafeToSQL utility to convert SQLsafe database backup files to the native SQL Server format.

7.0.2 fixed issues

- SQLsafe lite applications and services no longer experience a long delay when starting if Windows cannot verify the Authenticode signature on the associated applications and services.

7.0 fixed issues

There are no fixed issues specific to SQLsafe lite 7.0.

This build includes many fixed issues, including the following updates.

6.6.2 fixed issues

Miscellaneous fixed issues.

6.6.1 fixed issues

Miscellaneous fixed issues.

6.6 new feature

Restore performance improvements reduce recovery time by up to 40% from previous versions of SQLsafe.

6.5 new features

- Restore performance improvements reduce recovery time up to 30%.
- Use the Delete Backup File Option CLI/XSP command to delete old backup files without performing a new backup.
- Retry operations have been extended to restore commands.

6.4 new features

- Supports SQL Server 2008 R2 and Windows 2008 R2
- Additional SQL Server options:
 - Additional backup parameters allow recovery mode to be set to 'standby' or 'norecovery'
 - Additional restore parameter allows for replication settings to be maintained

6.2 fixed issues

Miscellaneous fixed issues.

6.1 new feature

SQL virtual database metadata generation for SQL Server 2008 support

6.0 new feature

Provides untouchable compression of backup files by using entirely new algorithms

Idera strives to ensure our products provide quality solutions for your SQL Server needs. The following known issues for the Enterprise version of SQLsafe 7.0 are described in this section. Some of these issues may affect SQLsafe Lite users. *If you need further assistance with any issue*, please contact [Support](http://www.idera.com/support) (www.idera.com/support).

Installation and configuration considerations

- **SQLsafe no longer supports Itanium**

SQLsafe 7.0 does not support the Itanium processor architecture.

- **Pentium II processors are not supported**

You should not install SQLsafe on a computer running a Pentium II processor.

- **Backup file names that use the %timestamp% macro may change when upgrading to SQLsafe 6.5 or later**

When some users upgrade to SQLsafe 6.5 or later, the backup file names using the %timestamp% macro may change. This issue affects users who have SQLsafe groom their backup files at backup time, using either the `-delete` command line option or the **Remove files older than** option in the Backup Policy wizard. Previous versions expand %timestamp% to the UTC time of the backup.

Beginning with SQLsafe 6.5, %timestamp% expands to the local time of the backup. As a result, SQLsafe may write new backups to files already created by an earlier version of SQLsafe immediately after upgrading. By default, SQLsafe appends to backup files and this issue does not occur as the new backup appends to the existing file. This situation resolves itself after the time difference between UTC and local time passes. For example, this issue is resolved after five hours in the Central Standard Time zone (US).

Note that if you specify to overwrite, SQLsafe overwrites the existing files instead of appending the new information. If you upgrade from a release earlier than SQLsafe 6.4, appends fail and display an error message.

- **Setup program removes previous version when upgrade fails**

If the upgrade fails while you are upgrading from a previous version of SQLsafe, the setup program removes the previous version from the SQL Server computer on which you attempted the upgrade.

- **XSP installation fails on clustered SQL Server instances**

When you use the Agent Only install to manually deploy the SQLsafe Backup Agent to a clustered SQL Server instance, the corresponding SQLsafe XSP installation will fail. After the Backup Agent install completes, you can manually install the SQLsafe XSP.

For more information, see the Using the SQLsafe XSP Technical Solution located in the Documentation folder (by default, C:\Program Files\Idera\SQLsafe\Documentation).

Known issues in version 7.0

- **No known issues**

Previous known issues

- **Errors occurring when saving changes may delete policies**

If an error occurs while saving changes to an existing policy, the policy may be deleted.

Idera strives to ensure our products provide quality solutions for your database needs. The following Idera Solutions have been recently added to the knowledge base at our [Customer Service Portal](http://www.idera.com/support) (www.idera.com/support).

Number	Title
203	SQLsafe backup fails with the error message "Could not initialize Virtual Device Set" if the Backup Agent's service account is not a member of the <code>sys_admin</code> server role.
1109	SQLsafe back/restore operation or agent deployment returns error "The CPU type and CPU family of <server> could not be determined."
1384	How to manually install the SQLsafe extended stored procedures.
1394	How to install the SQLsafe Backup Agent on a clustered SQL Server.