

# Upgrade to this release

Upgrading SQL Safe allows you to take advantage of the [new features](#) available in this version.

 The backup file names using the `%timestamp%` macro may change and cause issues with your backup files. This issue only affects some users. For more information, see the [known issues](#) section of the Release Notes.

 SQL Safe includes a file system filter driver to support the InstantRestore feature. The driver, named SQL SafeFilterDriver, allows SQL Server to access database data while SQL Safe is executing InstantRestore. The driver is only used during this action and is no longer in use once the database is completely hydrated.

## Upgrade checklist

To successfully upgrade your Microsoft SQL Server environment to this build, complete the procedures outlined in the following table. These procedures support upgrades from SQL Safe versions 5.0 or later.

<input checked="" type="checkbox"/>	<b>Follow these steps</b>
<input type="checkbox"/>	Ensure the computers on which you want to upgrade SQL Safe meet or exceed the product requirements for this version of SQL Safe. For example, ensure .NET Framework 2.0 SP1 or later is running on the target computer.
<input type="checkbox"/>	Ensure your Windows logon account has local administrator permissions on the computers you intend to upgrade.
<input type="checkbox"/>	Review the <a href="#">Product components and architecture</a> .
<input type="checkbox"/>	Review the <a href="#">Supported installation scenarios</a> .
<input type="checkbox"/>	Close all open applications on the computers you intend to upgrade.
<input type="checkbox"/>	Upgrade your SQL Safe installation.

## Available upgrade paths

Because each component can be installed separately on different computers, the type of upgrade you will need to perform will depend on your environment. The following table describes the conditions under which you would follow a typical or staged upgrade path.

Environment Description	Recommended Path	Why
Simple environment, where the Management Console, the Repository, and the Management Service all reside on the same computer	Typical	A simple environment can be upgraded through the setup program.
Distributed environment, where each SQL Safe component resides on a different computer.	Staged	A distributed environment requires a staged upgrade to maintain backup continuity while each component is upgraded.
Multiple Management Consoles deployed to different computers.	Staged	A SQL Safe installation with multiple Management Consoles requires a staged upgrade in order to maintain connection with all Backup Agents while each component is upgraded.
Backup Agents from different SQL Safe versions.	Staged	An environment that manages Backup Agents from different SQL Safe versions requires a staged upgrade in order to maintain connection with all Backup Agents while each component is upgraded.
Change control policies that require multi-phased upgrades.	Staged	An environment with stringent change control policies requires a multi-phased upgrade in order to test each updated component thoroughly before moving on to the next step.

## New encryption options in 6.0 and later

SQL Safe 6.0 and later provides new, more secure encryption algorithms. To use these new algorithms, upgrade your Backup Agents to the latest version.

<a href="#">Previous Encryption Options</a>	<a href="#">SQL Safe 6.x Encryption Options</a>
---	---

AES	AES-128
DES	AES-256
Triple-DES	
RC2	

These new encryption options replace the options previously available in SQL Safe 5.0 or earlier. You can select the new encryption options when you manually perform a backup, or create and edit existing Backup Policies.

***If you had set encryption options when creating your Backup Policies***, the encryption method specified in the corresponding SQL Server job will be automatically updated to AES-128 when you upgrade the associated Backup Agent. You can later change this setting by editing the policy.

SQL Safe 6.0 and later does support previously encrypted archives; you can continue to restore any encrypted backup file created with a previous version of SQL Safe.

SQL **Safe** is a high-performance backup and recovery solution for your SQL Servers. [Learn more >>](#)

<a href="#">IDERA Website</a>	<a href="#">Products</a>	<a href="#">Purchase</a>	<a href="#">Support</a>	<a href="#">Community</a>	<a href="#">About Us</a>	<a href="#">Resources</a>	<a href="#">Legal</a>
-------------------------------	--------------------------	--------------------------	-------------------------	---------------------------	--------------------------	---------------------------	-----------------------