


# Install and Configure the SQL Safe Backup Agent

The Backup Agent performs backup and restore operations. The agent is a service that runs on the target SQL Server instance. When you request a backup or restore operation, the Management Console wakes the previously deployed Backup Agent.

 Take into account that the Backup Agent must be licensed to perform Backup, InstantRestore, Object Level Recovery, and Virtual Database restore operations. If it is not licensed yet, the Agent will contact the Management Service to request a license.

While executing the backup or restore operation, the agent periodically sends messages to the Management Service.

How do you install the Backup Agent?

You can install the Backup Agent locally using the setup program or deploy the Backup Agent remotely using the Management Console. To install the agent in an environment that does not contain a SQL Safe Management Service and Repository, use the Agent Only setup type provided in the setup program. The Backup Agent will contact the Management Service to request licensing. For more information, see [install SQL Safe Backup Agent](#) and [license management](#).

Can you monitor the Backup Agent?

You can monitor and maintain the performance of each Backup Agent, click **SQL Safe Agents** in the navigation pane. For more information, see [Backup Agent configuration](#).

Can you modify the Backup Agent properties?

You can modify many of the SQL Safe Backup Agent properties from the Management Console and adjust performance parameters to suit your system needs. For more information, see [modify Backup Agent properties](#).

How do you upgrade your Backup Agent?

You can configure SQL Safe to automatically upgrade the Backup Agent to the current software version in the SQL Safe Preferences window. For more information, see [configure your deployment](#).

How do you run the Backup Agent without receiving messages?

You can run the Backup Agent in silent mode. Silent mode allows you to use the Backup Agent in environments that do not require the Management Service or SQL Safe Repository.

When in silent mode, the Backup Agent does not return status information about backup and restore operations. Use this mode if you do not plan to track backup and restore status, or if you plan to perform backup and restores through the command-line interface only. This flexibility allows you to easily integrate SQL Safe into your existing backup and recovery infrastructure so you can take advantage of SQL Safe features without changing your established processes.

What do you do after installing the SQL Safe Backup Agent?

When deployment is complete, you can backup and recover databases hosted on your virtual instances. You do not need to install any other SQL Safe components on your clustered servers to implement a disaster recovery strategy for those virtual instances. If you have a clustered environment hosting multiple instances, you must manually deploy the SQL Safe Backup Agent on each node.

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