

## Supported installation scenarios

You can install and deploy SQL Safe Backup to meet your unique backup, recovery, and SQL Server environment needs.

### Typical environment

The typical SQL Safe Backup implementation scenario includes the following installations:

- Management Console on your workstation.
- Repository and Management Service on a SQL Server instance.
- Backup Agents on each computer hosting databases you want to back up and recover.

### Clustered environment

You can install and configure SQL Safe to backup and recover virtual SQL Servers. A virtual SQL Server is a SQL Server running on a Microsoft failover cluster managed by Microsoft Cluster Services.

This configuration can be limited to deploying the Backup Agent to your virtual instances, or can include a full SQL Safe Backup deployment.

A Backup Agent deployment to a virtual instance includes the following installations:

- Management Console on your workstation.
- Repository and Management Service on a SQL Server instance (not located in the cluster).
- Backup Agents on each cluster node hosting the virtual SQL Server you want to manage.

For more information, see [installing backup/restore components in a Clustered Environment](#).

A full SQL Safe Backup deployment on a cluster includes the following installations:

- Management Service and Backup Agent on each node of the Windows cluster.
- Repository on any virtual SQL Server instance.
- Management Console on your workstation (can also be installed on the cluster nodes).

For more information, see [installing SQL Safe Backup on a Microsoft Windows Clustered Environment](#) and [installing backup/restore components in a Clustered Environment](#).

### Non-trusted environment

You can install and configure SQL Safe to backup and recover SQL Server databases running in non-trusted domains or workgroups.

This configuration includes the following installations:

- Management Console on your workstation in a trusted or non-trusted domain.
- Repository and Management Service on a SQL Server instance in a trusted or non-trusted domain.
- Backup Agents on each SQL Server instance you want to manage (server can belong to a trusted or non-trusted domain or workgroup).

- ✔ When deploying SQL Safe Backup to a non-trusted domain, specify an account with sysadmin fixed role rights for the Management Service and Backup Agent Service accounts, and ensure that SQL Authentication is enabled on each SQL Server instance where a SQL Safe Backup component has been installed.

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