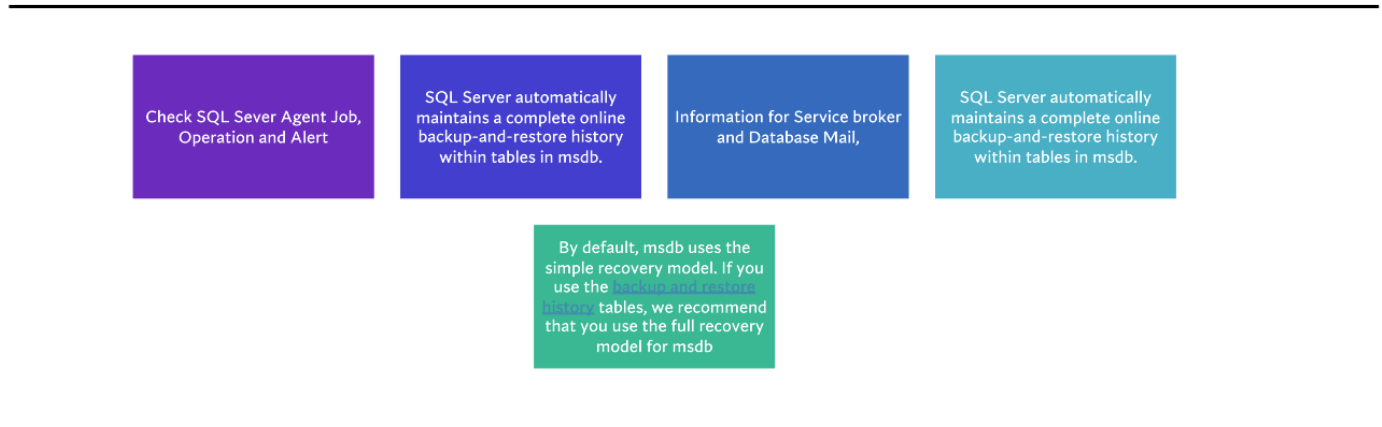


# MSDB Database

## MSDB Database overview



The msdb database is a system database that is used by several SQL Server components such as the SQL Server Agent service. In addition to SQL Server Agent configuration and task information, replication, log shipping, and maintenance plan data are stored in the msdb database.

The following information store in msdb database,

- All database maintenance plan information.
- SQL Server agent information.
- Agent job information.
- Replication publisher and distributor information.
- Log shipping configuration and monitoring information.
- MSDB database contain information about backup like , the time of the backup, and the devices or files where the backup is stored.
- MSDB database contain the information about database restore.

## Physical Properties of msdb

The following table lists the initial configuration values of the **msdb** data and log files. The sizes of these files may vary slightly for different editions of SQL Server Database Engine.

File	Logical name	Physical name	File growth
Primary data	MSDBData	MSDBData.mdf	Autogrow by 10 percent until the disk is full.

Log	MSDBLog	MSDBLog.ldf	Autogrow by 10 percent to a maximum of 2 terabytes.
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## Restrictions

The following operations cannot be performed on the **msdb** database:

- Changing collation. The default collation is the server collation.
- Dropping the database.
- Dropping the **guest** user from the database.
- Enabling change data capture.
- Participating in database mirroring.
- Removing the primary filegroup, primary data file, or log file.
- Renaming the database or primary filegroup.
- Setting the database to OFFLINE.
- Setting the primary filegroup to READ\_ONLY.