

Data files, filegroups, and partitioning

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Public Doc Reference

Database options

- Multiple log files aren't supported.
- In-memory objects aren't supported in the General Purpose service tier.
- There's a limit of 280 files per General Purpose instance, which implies a maximum of 280 files per database. Both data and log files in the General Purpose tier are counted toward this limit. [The Business Critical tier supports 32,767 files per database.](#)
- The database can't contain filegroups that contain filestream data. Restore fails if .bak contains FILESTREAM data.
- Every file is placed in Azure Blob storage. IO and throughput per file depend on the size of each individual file.

CREATE DATABASE statement

The following limitations apply to CREATE DATABASE:

- Files and filegroups can't be defined.
- The CONTAINMENT option isn't supported.
- WITH options aren't supported. Tip As a workaround, use ALTER DATABASE after CREATE DATABASE to set database options to add files or to set containment.
- The FOR ATTACH option isn't supported.
- The AS SNAPSHOT OF option isn't supported.

For more information, see [CREATE DATABASE](#).

ALTER DATABASE statement

Some file properties can't be set or changed:

- A file path can't be specified in the ALTER DATABASE ADD FILE (FILENAME='path') T-SQL statement. Remove FILENAME from the script because a managed instance automatically places the files.
- A file name can't be changed by using the ALTER DATABASE statement.

The following options are set by default and can't be changed:

- MULTI_USER
- ENABLE_BROKER ON
- AUTO_CLOSE OFF

The following options can't be modified:

- AUTO_CLOSE
- AUTOMATIC_TUNING(CREATE_INDEX=ON|OFF)
- AUTOMATIC_TUNING(DROP_INDEX=ON|OFF)
- DISABLE_BROKER
- EMERGENCY
- ENABLE_BROKER
- FILESTREAM
- HADR
- NEW_BROKER
- OFFLINE
- PAGE_VERIFY
- PARTNER
- READ_ONLY
- RECOVERY BULK_LOGGED
- RECOVERY_SIMPLE
- REMOTE_DATA_ARCHIVE
- RESTRICTED_USER
- SINGLE_USER
- WITNESS

For more information, see [ALTER DATABASE](#).

https://docs.microsoft.com/en-us/azure/sql-database/sql-database-managed-instance-transact-sql-information#_configuration

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