

# How to set up a new database for OpenLM with SQL Server

## SQL Server

### SQL Server General information:

Microsoft SQL Server is an external database source which can be used to host OpenLM's database.

The following instructions only guide you on how to create a new database on an SQL Server, as an SQL Server should be already available before setting up OpenLM.

### SQL Server Prerequisites:

- Versions 2012, 2014, 2016, 2017, and 2019 have been tested and are supported.
- It is recommended to connect using an SQL Server Authenticated user.
- Make sure the user is permitted to read, write and modify the database (db\_owner).
- Minimum of 1 CPU core and 512 MB of RAM.

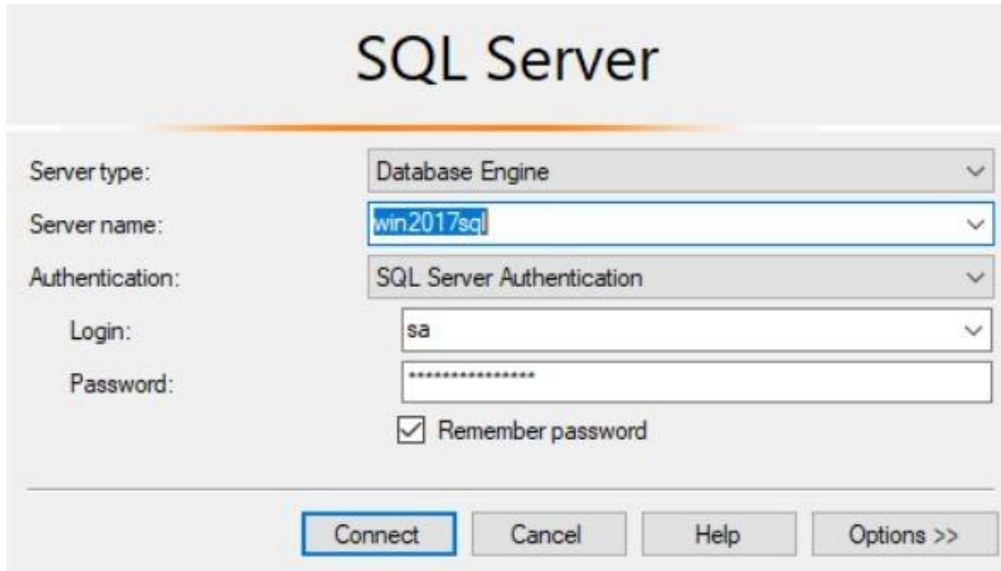
See best practices [here](#).

### SQL Server Installation Process:

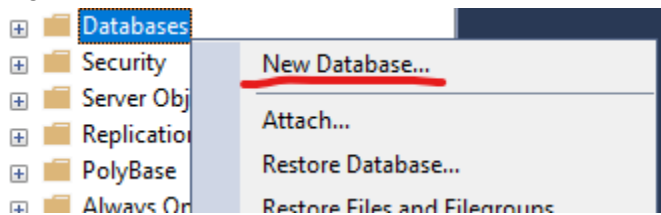
1. Follow the guide for installing SQL Server, which can be found [here](#).
2. Follow the guide for installing Management Studio [here](#).

### SQL Server Database Setup Process:

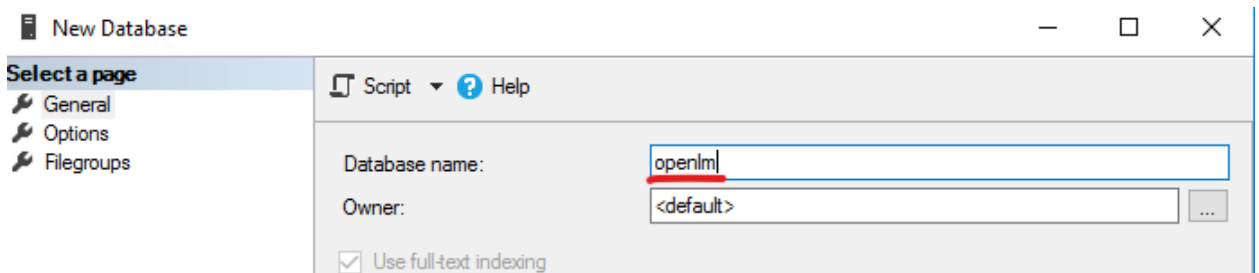
- 1) Go to MS SQL Management Studio and connect to your MS SQL Server.



- 2) Right-click on “Databases” and then “New Database...”



- 3) Input the OpenLM database name.



- 4) Navigate to the “Options” menu to find the collation selection drop-down menu. Select “SQL\_Latin1\_General\_CS\_AS” as the database collation and apply changes.

Collation:	SQL_Latin1_General_CP1_CS_AS
Recovery model:	Simple
Compatibility level:	SQL Server 2014 (120)
Containment type:	None

- 5) The OpenLM database is ready to be connected with OpenLM during the installation process of the OpenLM Server component.