Installation Guideline for Microsoft® SQL Server® 2014 Express (including Management Studio)

Microsoft® SQL Server® 2014 Express with Tools is a free, easy-to-use version of the SQL Server Express data platform, including the graphical management tool: SQL Server Management Studio (SMSS) Express. SQL Server® 2014 Express provides rich features, data protection, and fast performance. It is ideal for small server applications and local data stores.

Microsoft® SQL Server® 2014 Express including Management Studio

Download Link: https://www.microsoft.com/en-us/download/details.aspx?id=42299
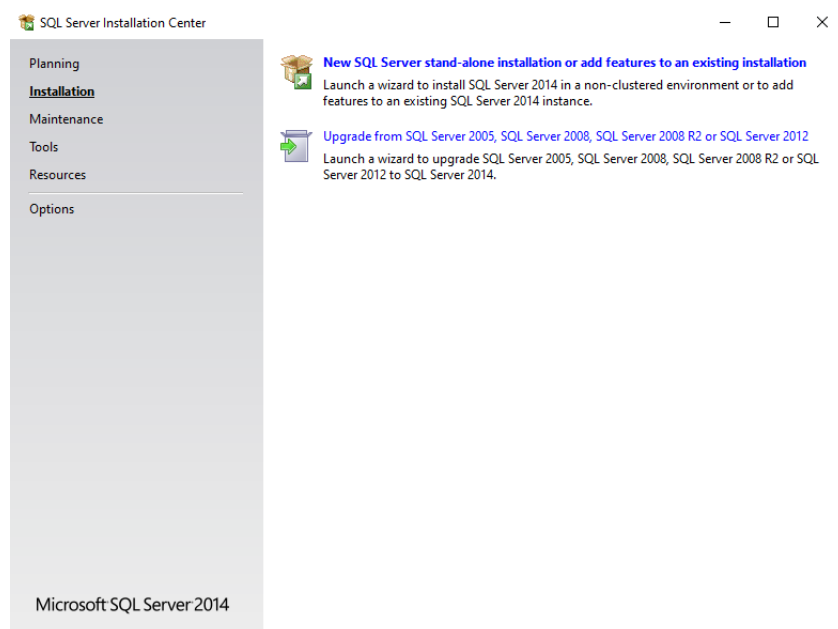
Microsoft® SQL Server® 2014 Express

1. Express 32BIT\SQLEXPR_x86_ENU.exe *(for 32 Bit Computers)*
2. **Express 64BIT\SQLEXPR_x64_ENU.exe *(for 64 Bit Computers)***
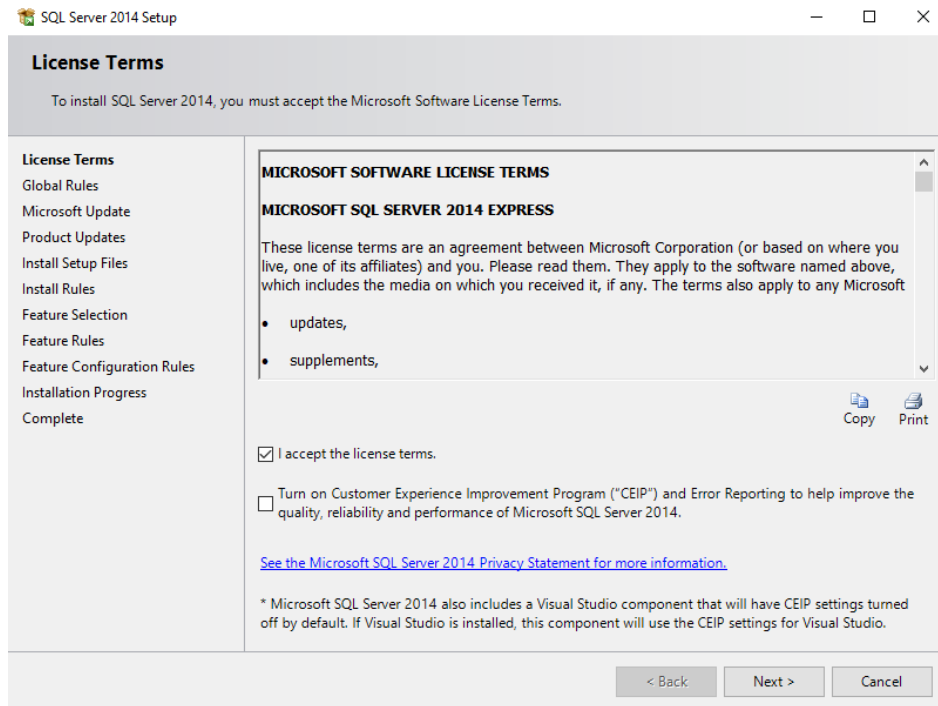
Management Studio:

1. MgmtStudio 32BIT\SQLManagementStudio_x86_ENU.exe *(for 32 Bit Computers)*
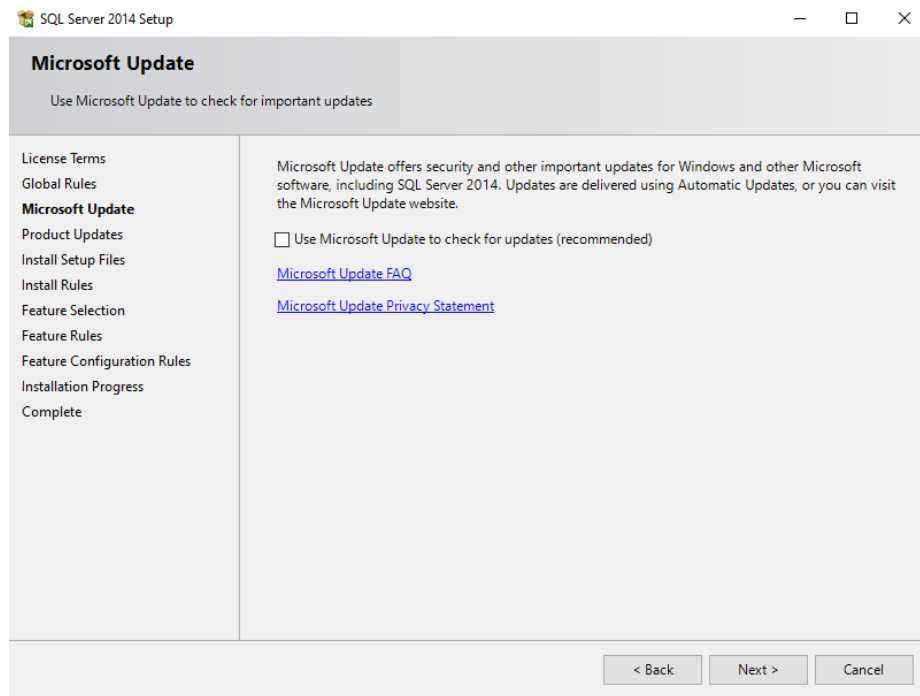2. **MgmtStudio 64BIT\SQLManagementStudio_x64_ENU.exe *(for 64 Bit Computers)***

Steps:

1. Start with SQL Server Express 2014 installation (**SQLEXPR_x64_ENU.exe**). On the left column, click on *"Installation",* then click on the first link*: "New SQL Server stand-alone installation."*
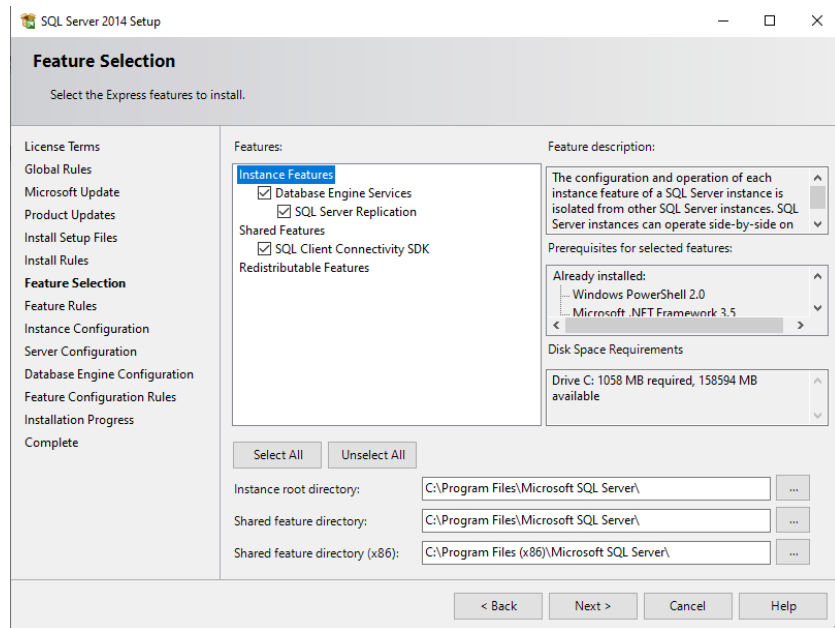
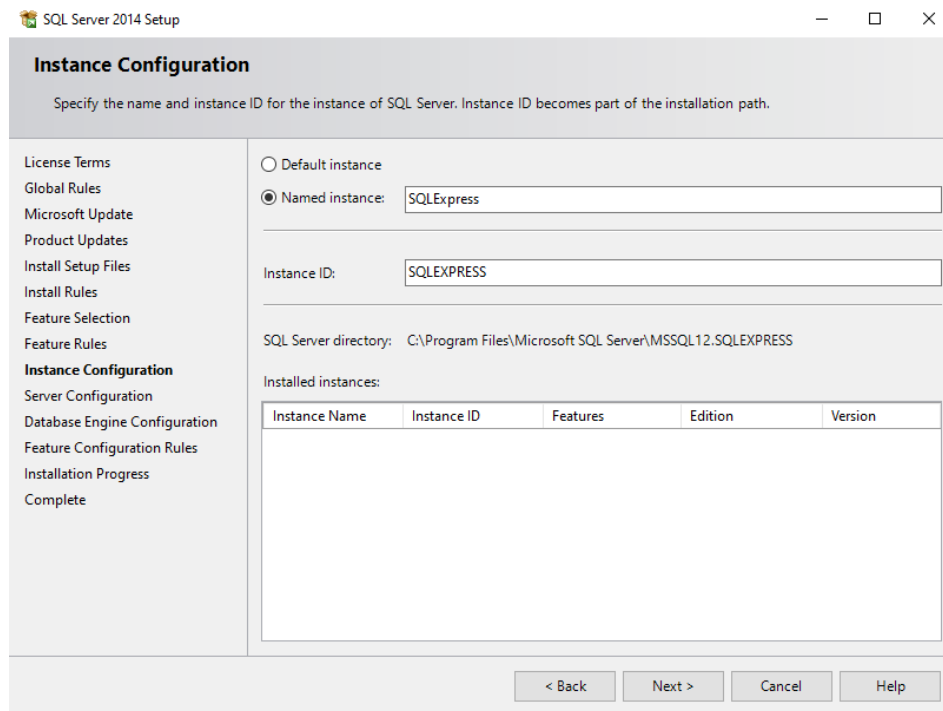**2.** Check the box "I accept the license terms" and Click on "Next".
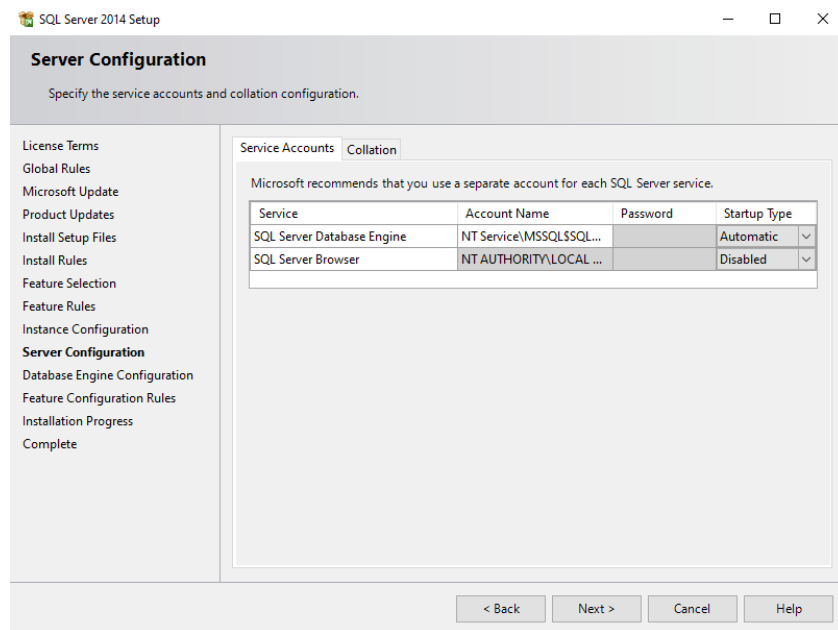

3. Simply Click Next!

4. Make sure to check all the options!

5. On the **"Instance Configuration"** check, the parameters are like the screenshot on the left. Check the Named instance and click next.
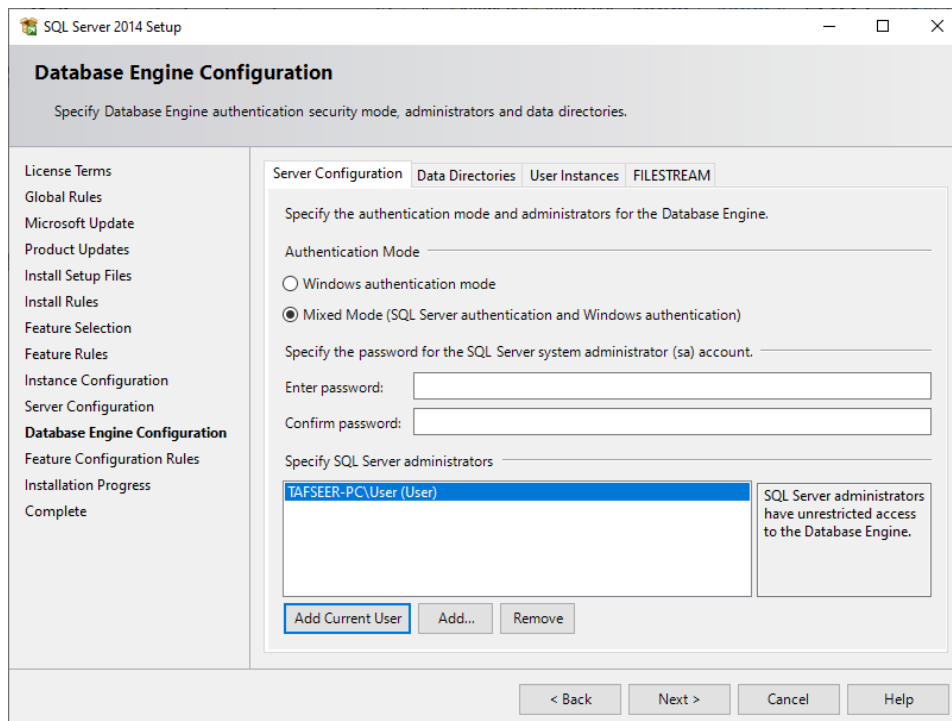
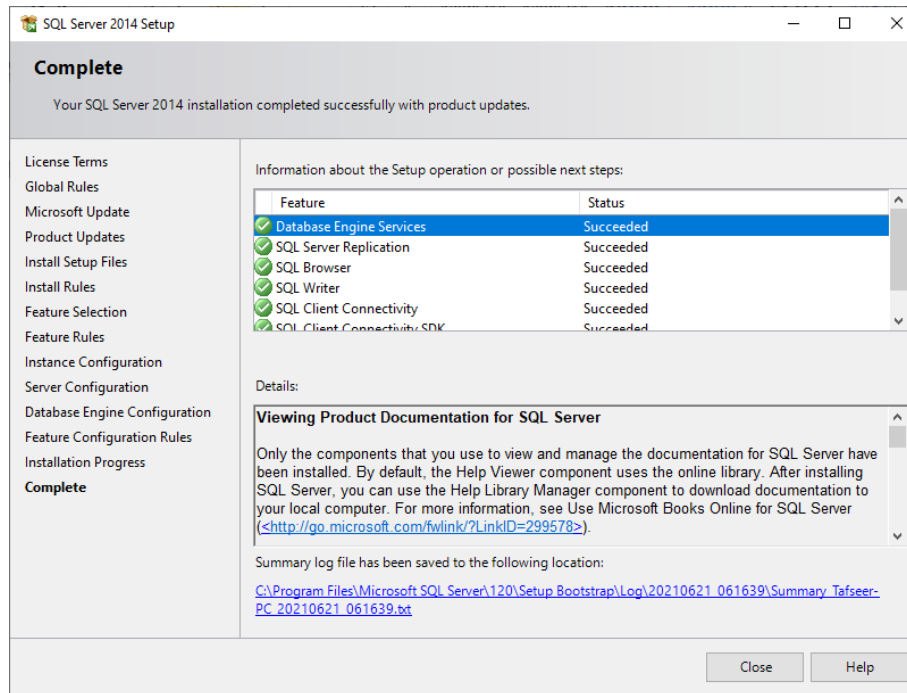**6.** No need to change anything in the "Server Configuration". **Simply Click Next.**
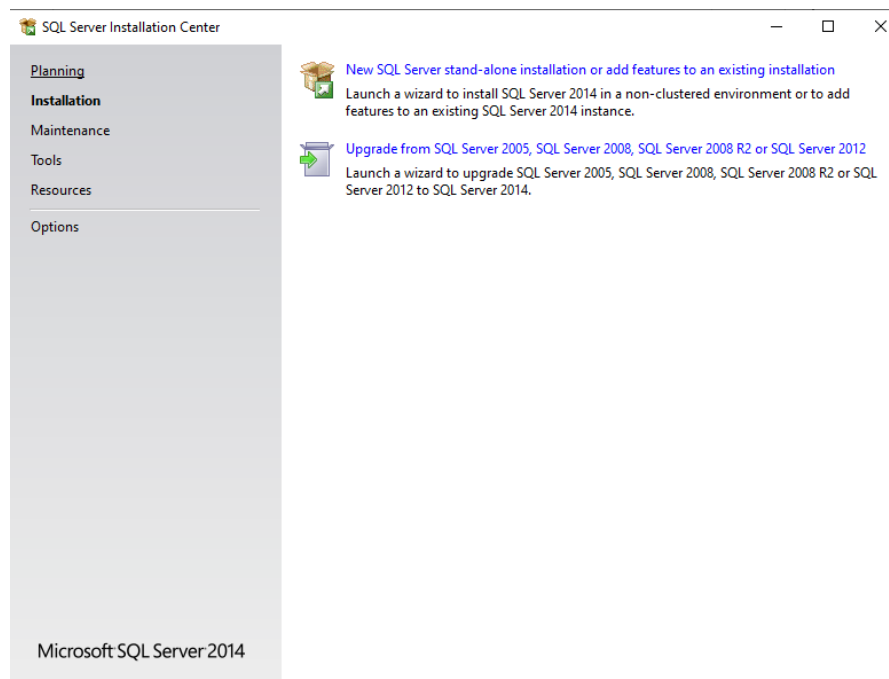

7. Database Engine Configuration:

- Choose "Mixed mode"

- Enter the password**:** p@ssword *(choose any password!)*

- Remember the **System Server Administrator (sa) is the user name of the server administrator.** Click Next!
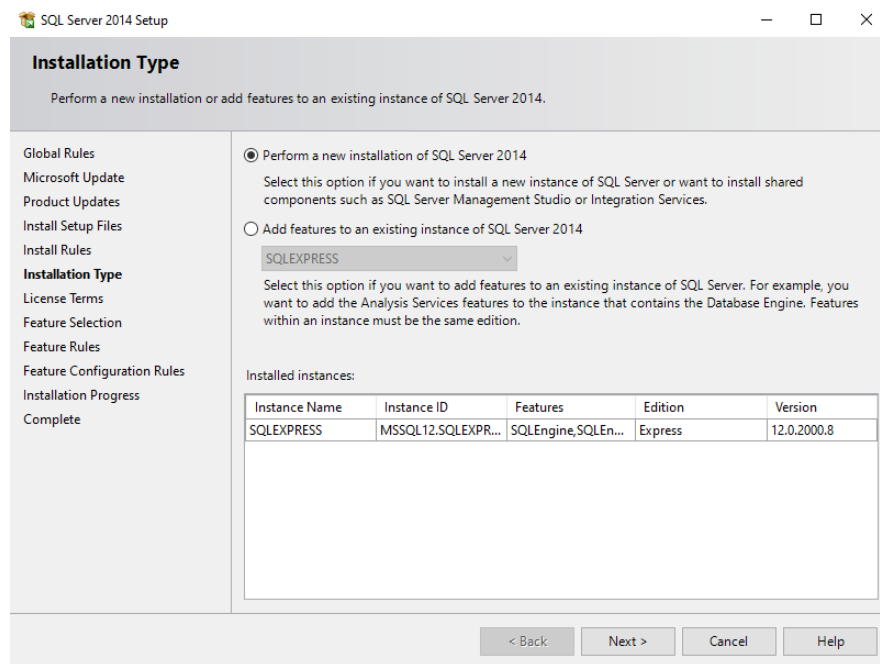
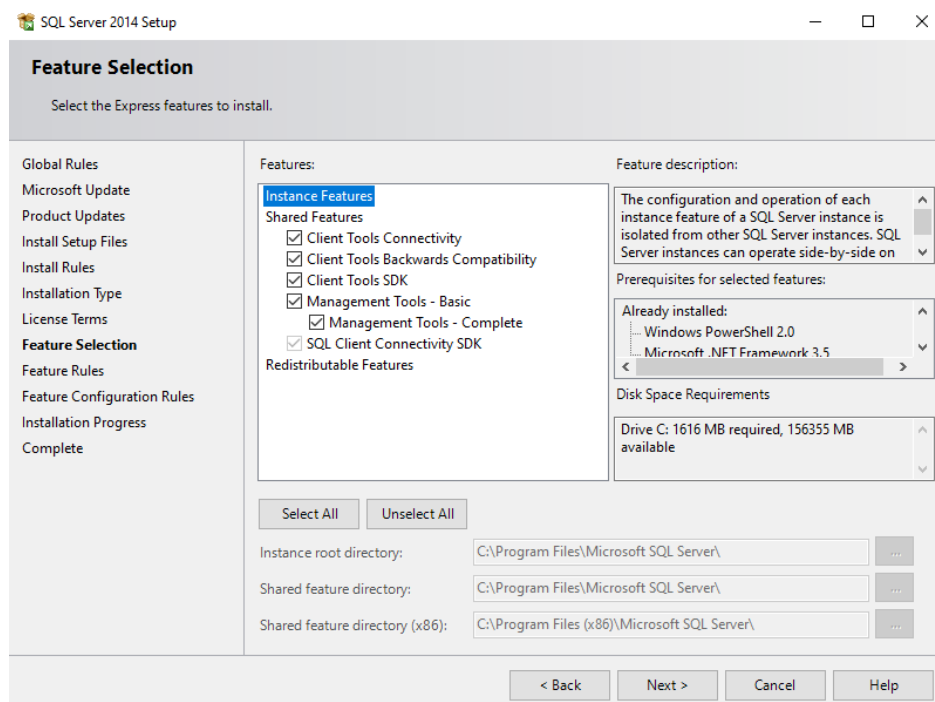**8.** Wait for a while and click "Close" and Close the SQL Server installation Center.

9. Now you have to install the **SQL server management studio** *(SQLManagementStudio_x64_ENU.exe)*. Then click on the first link: *"New SQL Server stand-alone installation"*. Then click next!

10. Perform a new installation of SQL Server 2014. Then click next and check I accept the license terms and click next.

11. In the feature selection, make sure to check all the options and click next. It will take a while to finish the installation. After completion, click close and close the installation window. ***Don't forget to delete the temporary folders created in the same directory of your software (.exe files) to free up some spaces!***
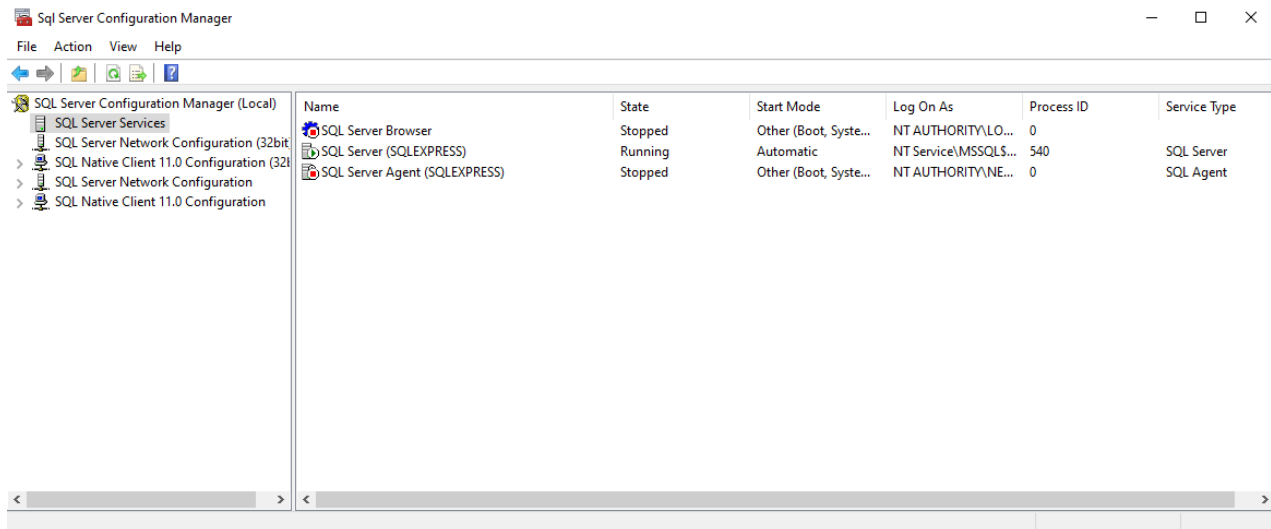
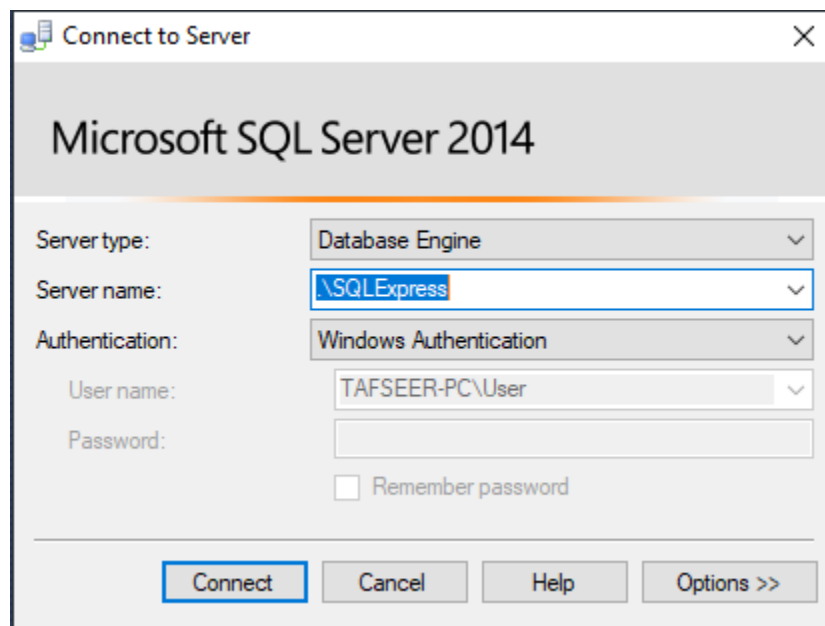**12.** In the search bar of windows, search for the **"SQL Server Management Studio"**. Then open the program.

17. To ensure SQL Express is running correctly, search for **"SQL Server Configuration Manager"**
On the left column, click on **"SQL Server Services"**
On the right column, ensure that SQL Server (**SQLEXPRESS**) is running correctly *(otherwise, right-click on the row to start it)*

18. After clicking the management studio, The SQL Server Connection Window will appear.
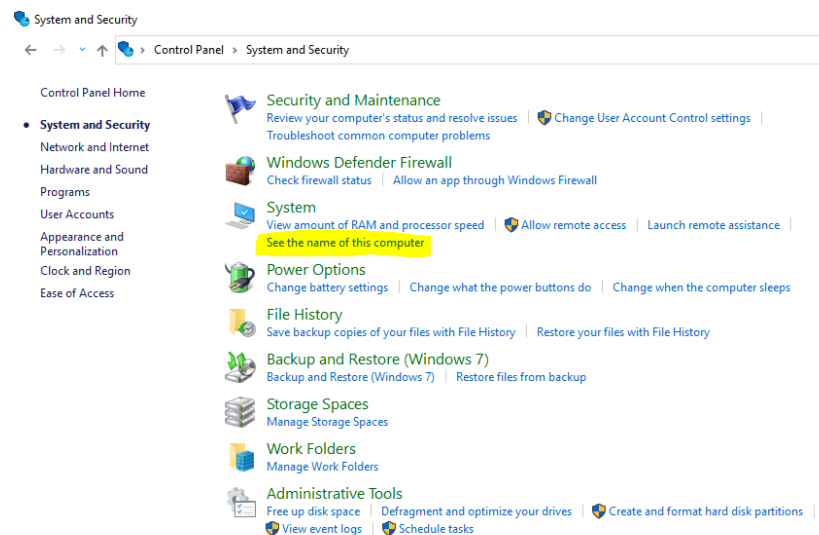

Choose the following parameters:
  - Server Type: Database Engine

   - Server Name: **(Name of your computer)**SQLEXPRESS

   - Authentication: SQL Server Authentication (if you can only see *windows authentication*, you probably missed choosing *"Mixed Mode"* at the Database Engine Configuration step

- Login: sa (by default)

- Password: the password that you defined at the Database Engine Configuration step (*p@ssword in our case*)

* You can find the name of your computer on the control panel → System & Security

Device specifications

Device name	Tafseer-PC
Processor	Intel(R) Core(TM) i7-4500U CPU @ 1.80GHz 2.40 GHz
Installed RAM	8.00 GB (7.89 GB usable)
Device ID	B4EB1EE9-5146-4342-A71A-6426ED6A017D
Product ID	00325-80000-00000-AAOEM
System type	64-bit operating system, x64-based processor
Pen and touch	Touch support with 10 touch points

Note#1: If you don't want to put the name of your computer, you can still log in with **".\SQLExpress"**

Note#2: If you don't want to use SQL Server Authentication, you can simply use windows authentication, as we have enabled both modes during installation.