IQSweb Reference B

SQL Server 2017 and Express Installation Instructions

Please note that IQSweb V6 will work with SQL Server 2019, the Express version can be downloaded at https://go.microsoft.com/fwlink/?linkid=866658. The instructions for that installation are similar to those below.

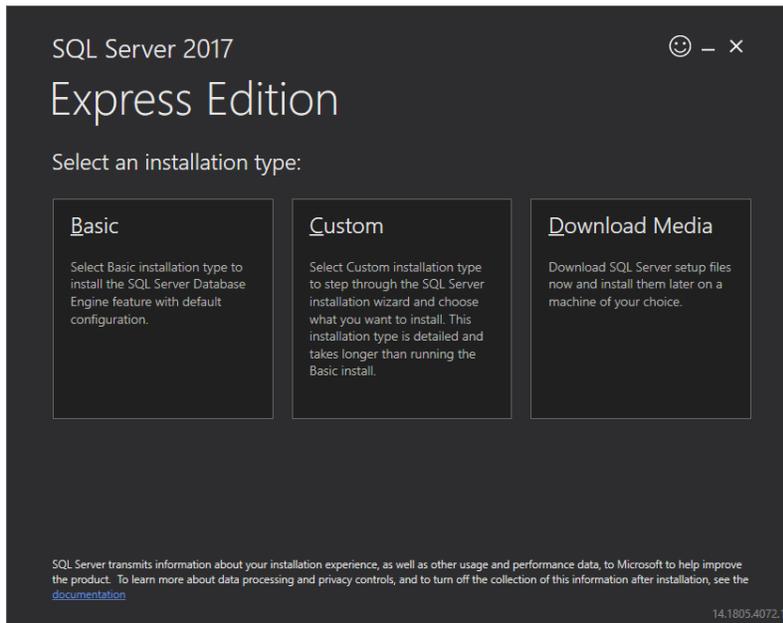## Step 1: SQL Server 2017 Installation files

1. If installing the full version of SQL Server, make sure that the Microsoft SQL Server 2017 installation media or installer files are available on the server.

If installing the Express version, download Microsoft SQL Server 2017 Express and SQL Server Express Management Studio from the following link.
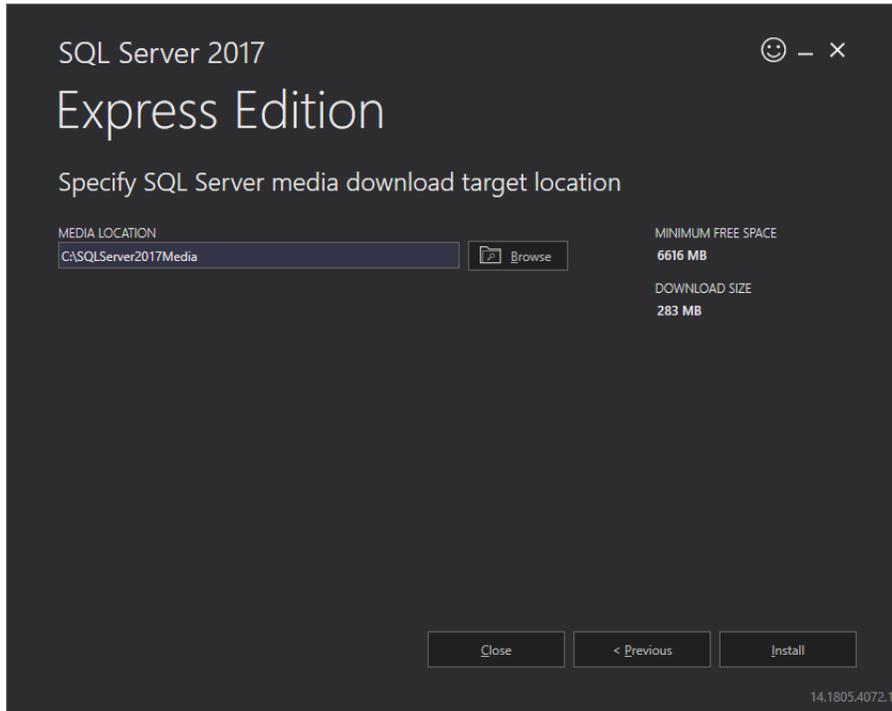
https://www.microsoft.com/en-us/download/details.aspx?id=55994

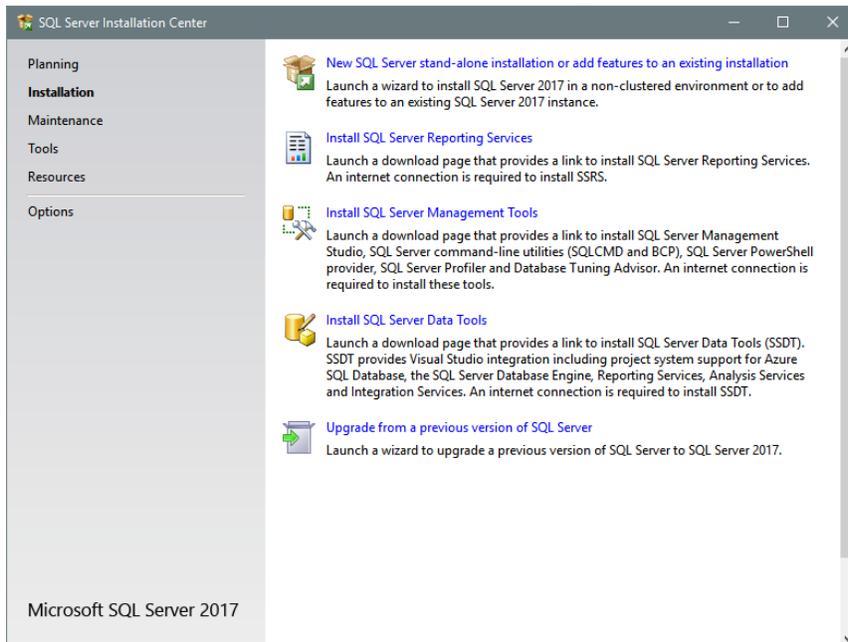## Step 2: Install Microsoft SQL Server 2017

1. Select Start/Run. From the Run screen, browse to the location where the SQL Server 2017 installer file is located and select that file to open. The installer will extract a number of setup files to a temporary folder. This could take a few minutes. Once the installer has extracted all of it's files, you should see the SQL Server Installer Window. Click on **Custom** to begin installation.

2. Select the location to download setup files.

3. Click **Install**. The installer will download the setup files.

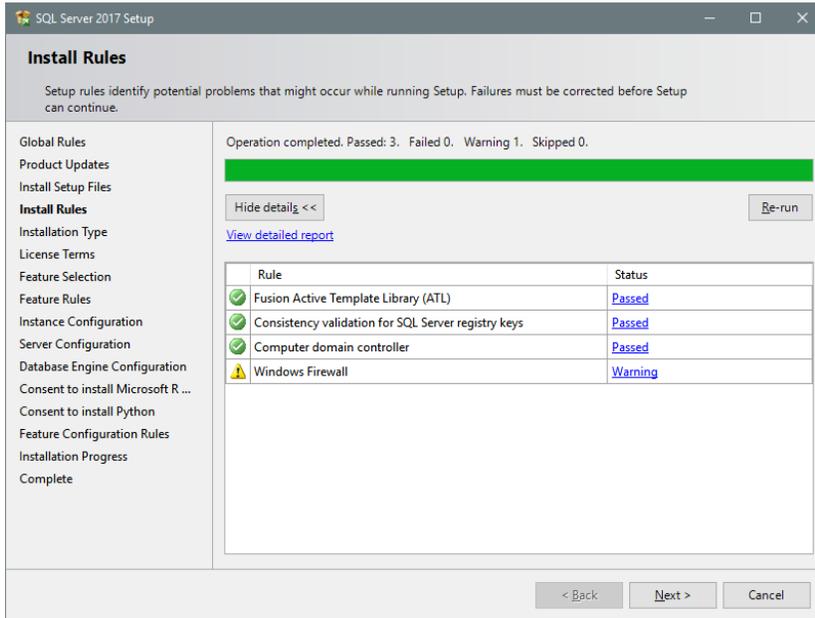4. The SQL Server Installation Center will appear.

Select **New SQL Server stand-alone installation or add features to an existing installation**. The installer will setup files needed for the installation and perform checks to ensure that the installation can
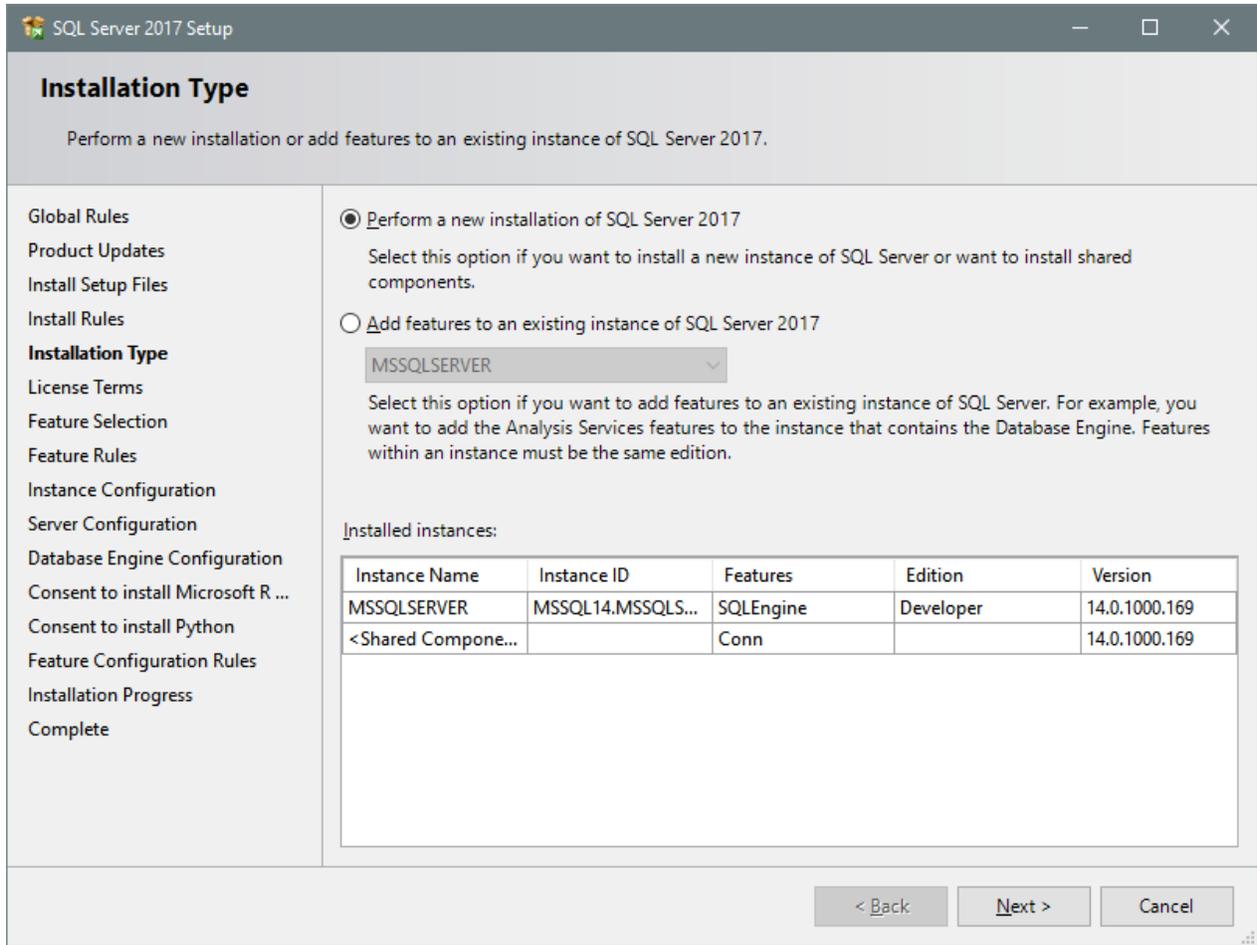
continue.

Depending on whether you are installing the full or Express version, you may see a slightly different list of rule checks. The example show below is from the Express version.

If you have a firewall enabled, then you will probably see that item in the detailed list with a Warning. This just indicates that the installer recognizes that you are running a firewall and need to make sure that it is properly configured.
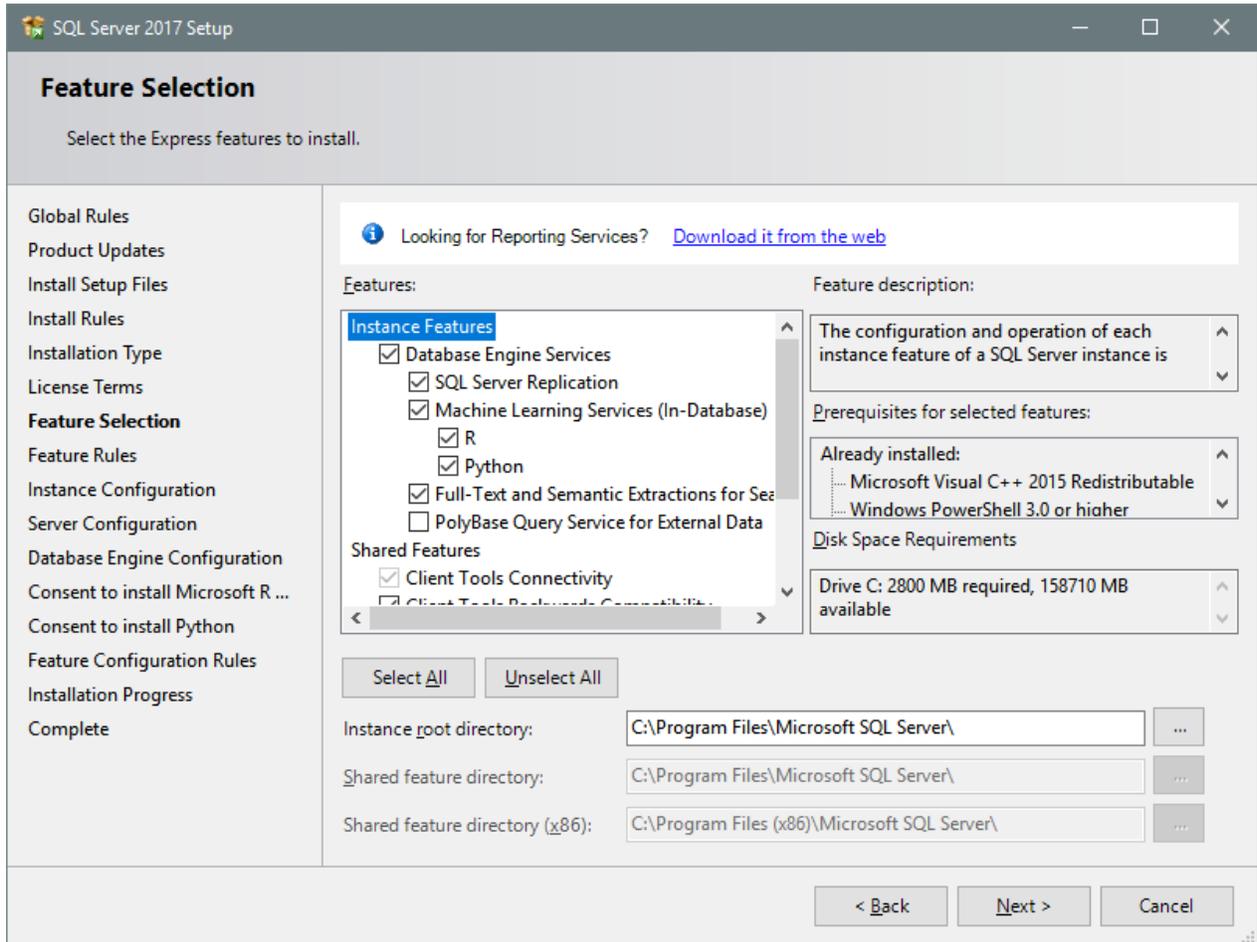

Click **Next**.

5. If performing a new installation, select **Perform a new installation of SQL Server 2017**. If upgrading an existing version, select **Add features to an existing instance of SQL Server 2017.**
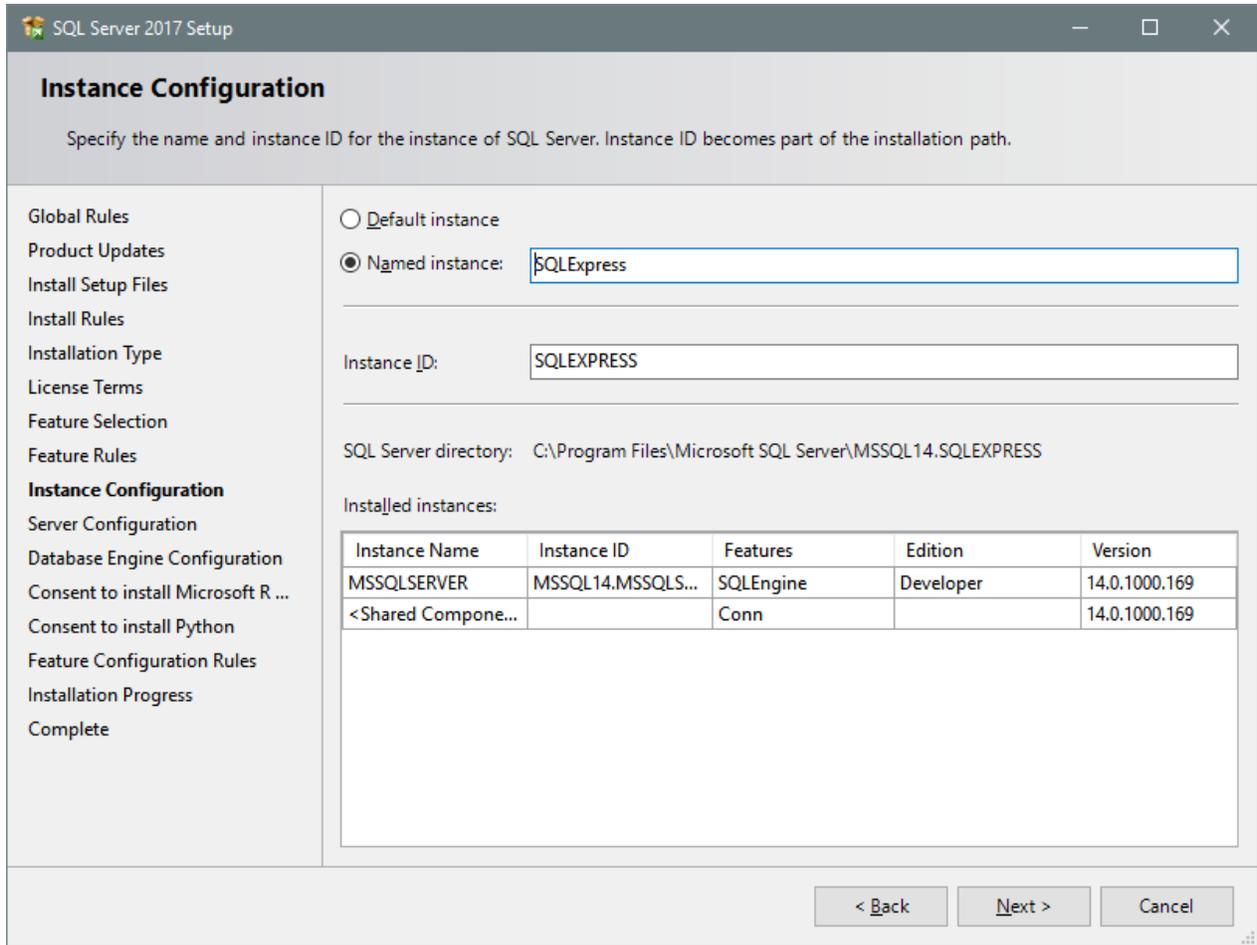
Click **Next.**

6.   Click the checkbox to accept the license terms. Click **Next**.

7.   Select the Installation location and confirm the features installed.
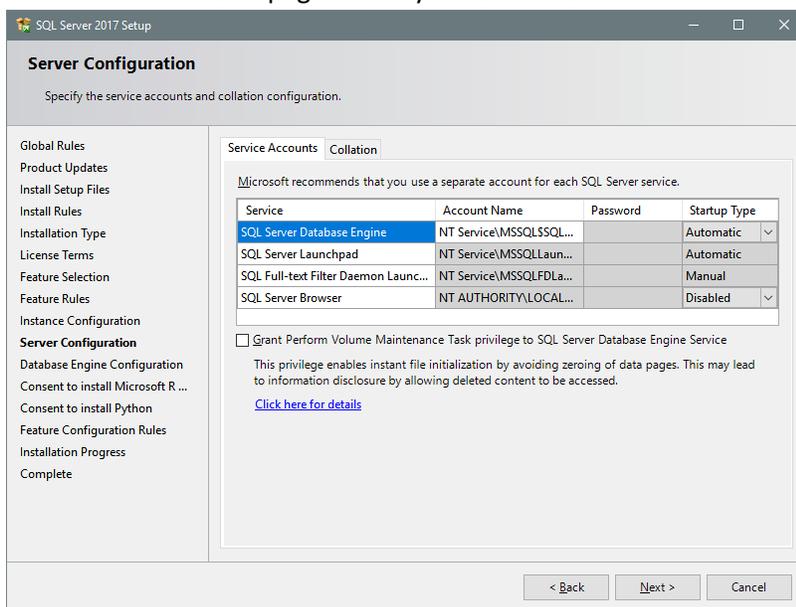

Click **Next**.

8.   Make note of the instance name. If using the default instance, the database server will be accessible at [Computer name]. If a named instance is provided, the database server will be accessible at [Computer name]\[Instance name] (e.g. localhost\SQLExpress).
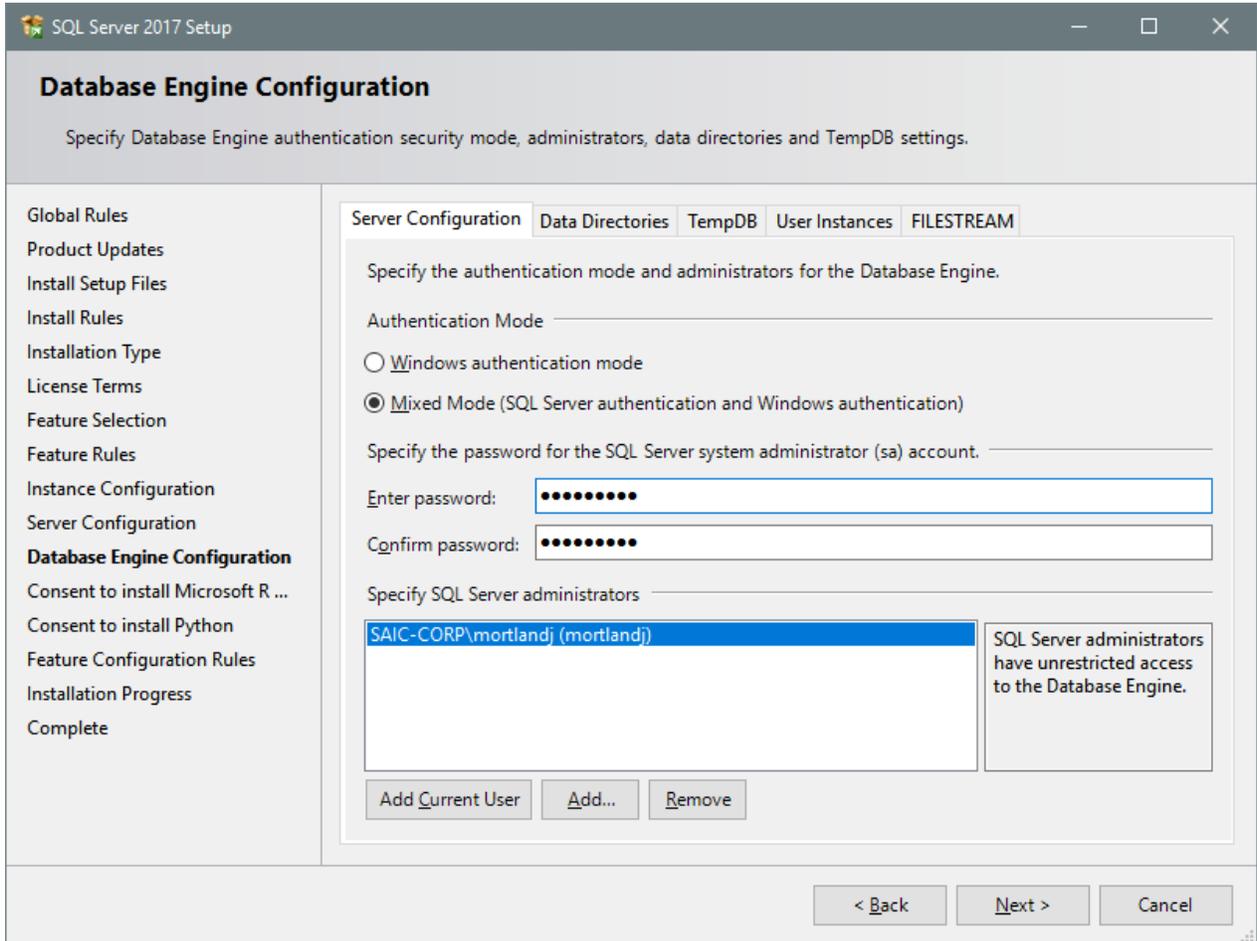
Click Next.

9.   You will see a page where you select the accounts database services utilize. Click **Next**.

10.   Next, you will be presented with a window where you will choose the authentication mode and Administration account(s) for the Database Engine.

Select **Mixed Mode** authentication mode, and enter a password for the database administrator account (sa). Make sure that there is a user account listed in the **Specify SQL Server administrators** box. Once this is completed, you can click on **Next**.

As the installer starts installing the database server, you will see a blue progress bar, and the files names listed as they are being installed.

11.   Click the **Accept** button to agree to install Microsoft R Open. Click **Next.**

12.   Click the **Accept** button to agree to install Python. Click **Next.**

13.   The installation will begin.

14.	Once the installation has finished, you should see a window like the one shown below, indicating that the Installation is complete. This window will also show the location of the Summary Log file for the installation.

When you click **Close** in the Complete window, you will be returned to the SQL Server Installation Center Window. From there you can choose to search for product updates with Windows Update, or you can close the SQL Server Installation Center Window.

See the instructions in Step 3 of the main Installation Instructions for details on how to use the SQL Server Management Studio to configure SQL Server 2017.

To install SQL Server Management Studio, download and install the latest version from https://aka.ms/ssmsfullsetup.