

WINDOWS 10 – INSTALLING SQL EXPRESS 2014 (64 BIT)

PREREQUISITE INSTALLATION OF .NET FRAMEWORK 3.5

This message in the screenshot below is what you will get part way through the installation of SQL Express.

The setup program indicates that the listed Operating Systems require it, including Windows 10.

For Windows 10 this is done by doing the 'Enable the Feature .NET Framework 3.5.', described below.

If this is not installed the error message will occur.

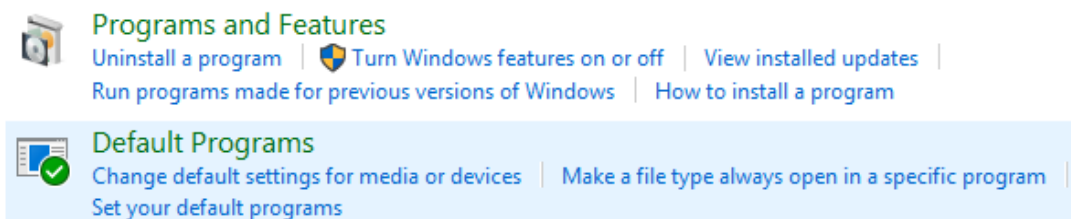
Rule "Microsoft .NET Framework 3.5 Service Pack 1 is required" failed.

This computer does not have the Microsoft .NET Framework 3.5 Service Pack 1 installed. If the operating system is Windows Server 2008, download and install Microsoft .NET Framework 3.5 SP1 from <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=22>. If the operating system is Windows 8.1, Windows Server 2012 R2, Windows 8, Windows Server 2012, Windows 7 or Windows Server 2008 R2, enable the .NET Framework 3.5 feature. A computer restart may be required after installing.

ADDING .NET

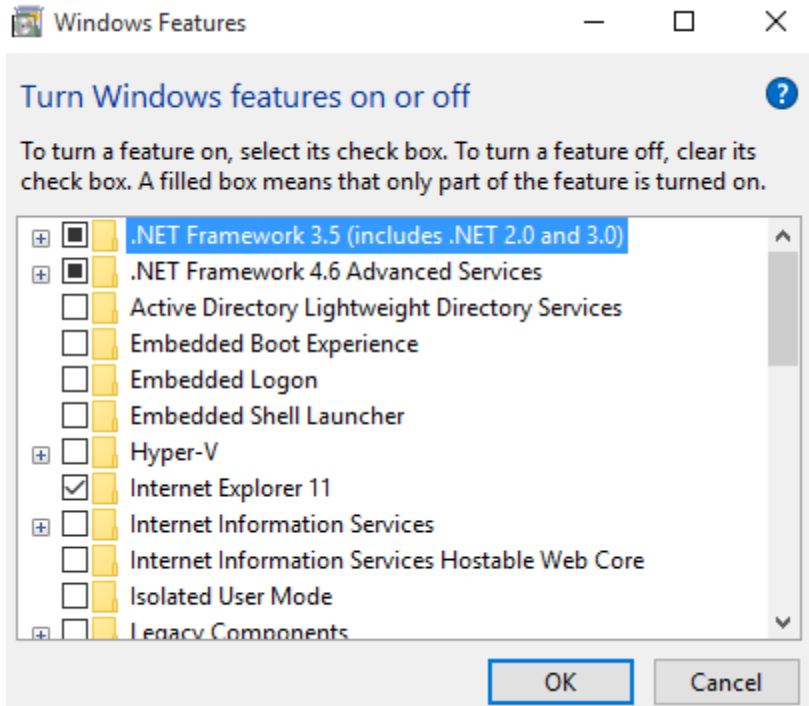
For Windows 10, go to the Control Panel and select Programs then

Turn Windows feature on or off option

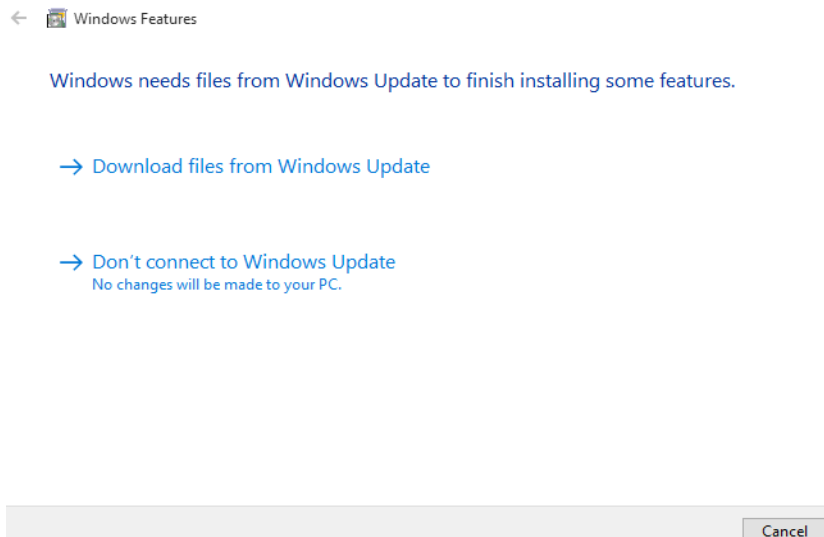


Next click in the box .NET Framework 3.5 (includes >NET2.0 and 3.0)


See screenshot below



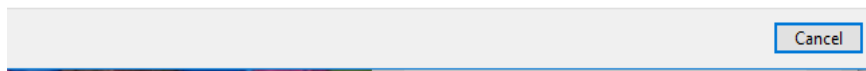
You will then see a message regarding **Searching for required files** appears, then if required **get the Updates**



Let the updates download and install and apply the changes

←  Windows Features

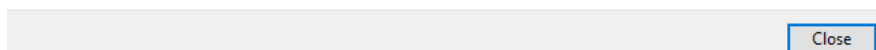
Applying changes



A Reboot may be required but in this instance simply selecting Close was fine.

←  Windows Features

Windows completed the requested changes.



SQL EXPRESS 2014 INSTALLATION

Download SQL Express 2014 @

<https://www.microsoft.com/en-gb/download/details.aspx?id=42299>

For my 64-bit Operating System and I want the tools.

Choose the download that you want

<input type="checkbox"/> File Name	Size
<input type="checkbox"/> ExpressAdv 32BIT\SQLXPADV_x86_ENU.exe	1.1 GB
<input type="checkbox"/> ExpressAdv 64BIT\SQLXPADV_x64_ENU.exe	1.1 GB
<input type="checkbox"/> ExpressAndTools 32BIT\SQLXPRTW_x86_ENU.exe	840.8 MB
<input checked="" type="checkbox"/> ExpressAndTools 64BIT\SQLXPRTW_x64_ENU.exe	833.2 MB
<input type="checkbox"/> LocalDB 32BIT\SqlLocalDB.msi	36.6 MB
<input type="checkbox"/> LocalDB 64BIT\SqlLocalDB.msi	43.1 MB

Download Summary:

1. ExpressAndTools 64BIT\SQLXPRTW_x64_ENU.exe

Total Size: 833.2 MB

Next

(For the 32-Bit Version choose the bottom option as indicated.)

Surface Pro 4. The tablet that can replace your laptop.

Choose the download that you want

<input type="checkbox"/> File Name	Size
<input type="checkbox"/> Express 32BIT WoW64\SQLXP32_x86_ENU.exe	149.9 MB
<input type="checkbox"/> Express 32BIT\SQLXP_x86_ENU.exe	168.4 MB
<input type="checkbox"/> Express 64BIT\SQLXP_x64_ENU.exe	196.7 MB
<input type="checkbox"/> ExpressAdv 32BIT\SQLXPADV_x86_ENU.exe	1.1 GB
<input type="checkbox"/> ExpressAdv 64BIT\SQLXPADV_x64_ENU.exe	1.1 GB
<input checked="" type="checkbox"/> ExpressAndTools 32BIT\SQLXPRTW_x86_ENU.exe	840.8 MB

Download Summary:

1. ExpressAndTools 32BIT\SQLXPRTW_x86_ENU.exe


Total Size: 840.8 MB

Next

Next

Allow Pop Up if asked, click **Save or Run**, which I did and the Download commences.



 Thank you for downloading

Microsoft® SQL Server® 2014 Express

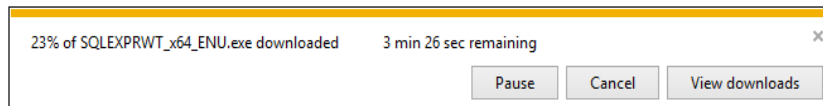
If your download does not start after 30 seconds, [Click here](#)

 [Install Instructions](#)

Popular Downloads

Product:

01 Microsoft® SQL Server® 2014 Express

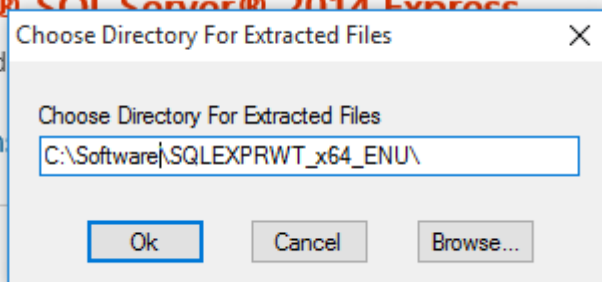


Once Downloaded and after the security scan you can choose a location for downloads.

Microsoft® SQL Server® 2014 Express

If your download

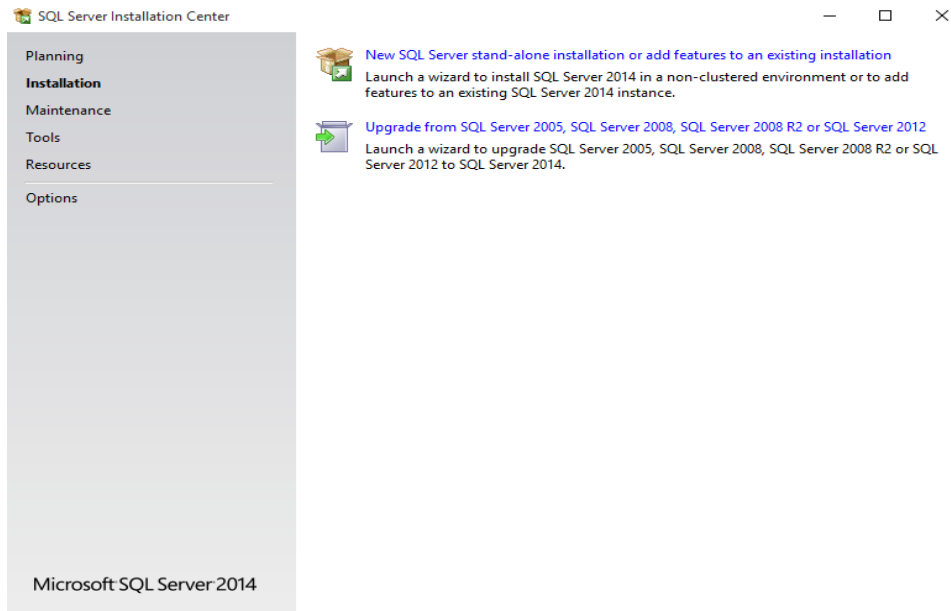
 [Install In](#)



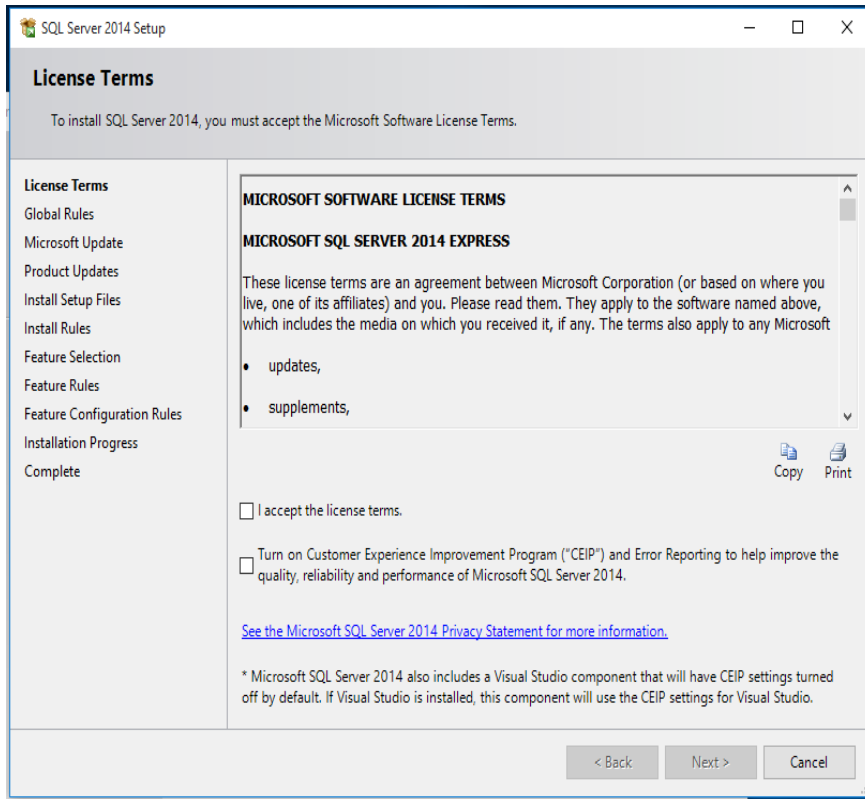
After clicking **Ok** the installation files are extracted.

You will then be presented with this screen, which is the start of the installation routine

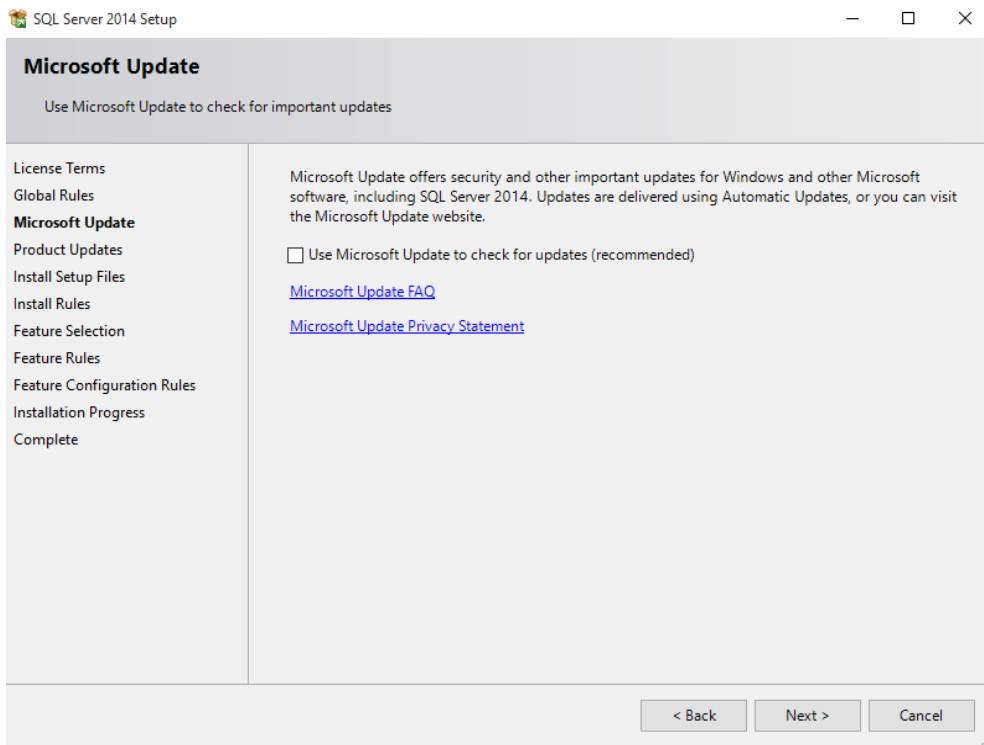
Select the New SQL Server option of the two.



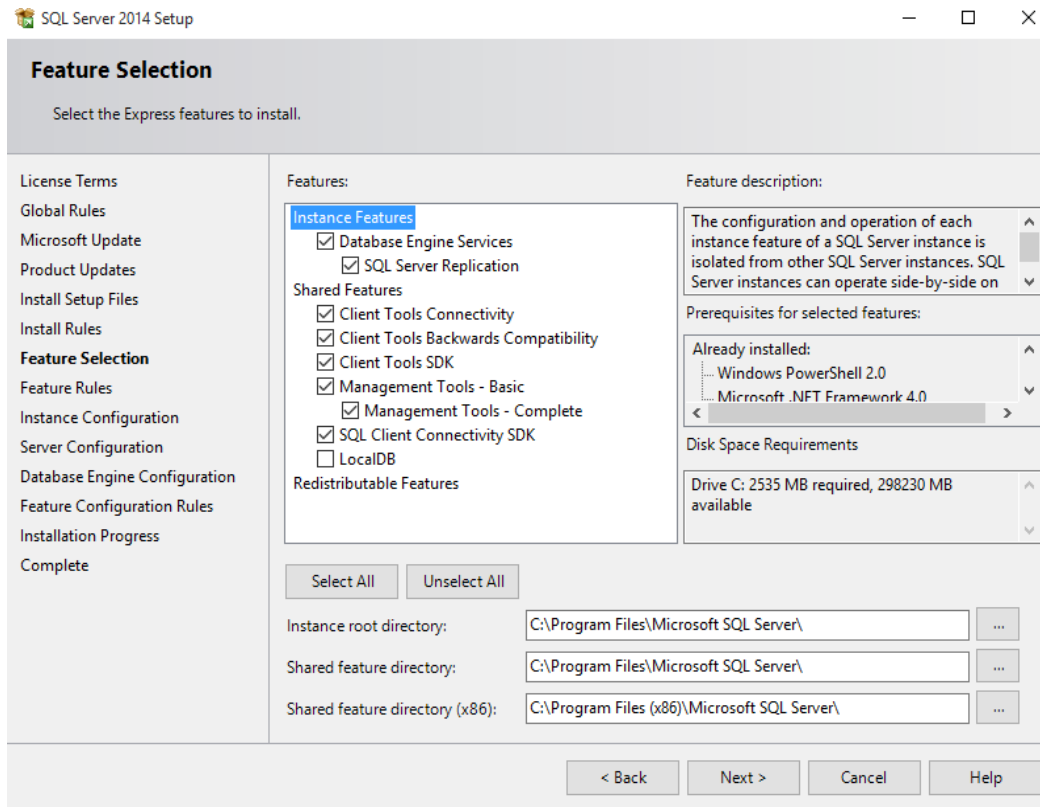
Then accept the License terms and **Next**



Accept the Updates as recommended or leave and get them later, installation will complete either way.



Accept the Defaults as below, unless you have any preference for File Location for the installation. **Next.**



The Pre-Requisites are checked.

If the .NET was not installed as at the start of this guide, it can be done now and then do a ReRun for this section, you don't have to start from the beginning..

SQL Server 2014 Setup



Feature Rules

Setup is running rules to determine if the installation process will be blocked. For more information, click Help.

License Terms
Global Rules
Microsoft Update
Product Updates
Install Setup Files
Install Rules
Feature Selection
Feature Rules
Instance Configuration
Server Configuration
Database Engine Configuration
Feature Configuration Rules
Installation Progress
Complete

Rule check in progress...

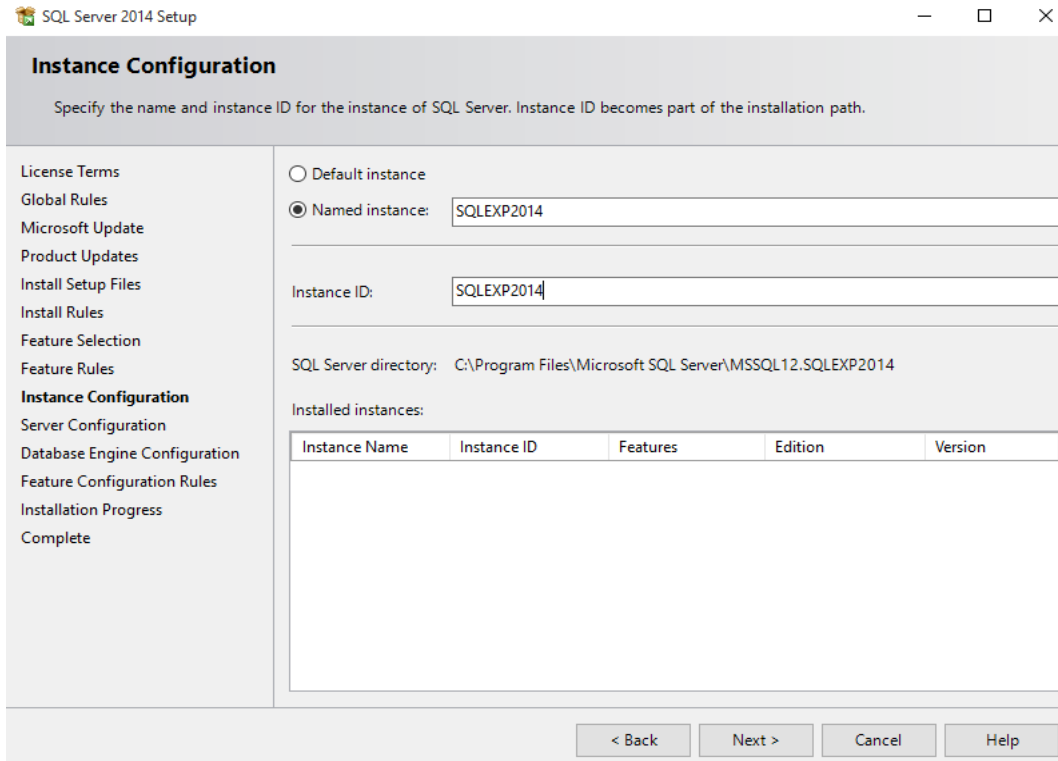
Hide details << Re-run

Rule	Status
 Prior Visual Studio 2010 instances requiring update.	Passed
 Microsoft .NET Framework 3.5 Service Pack 1 is required	Passed

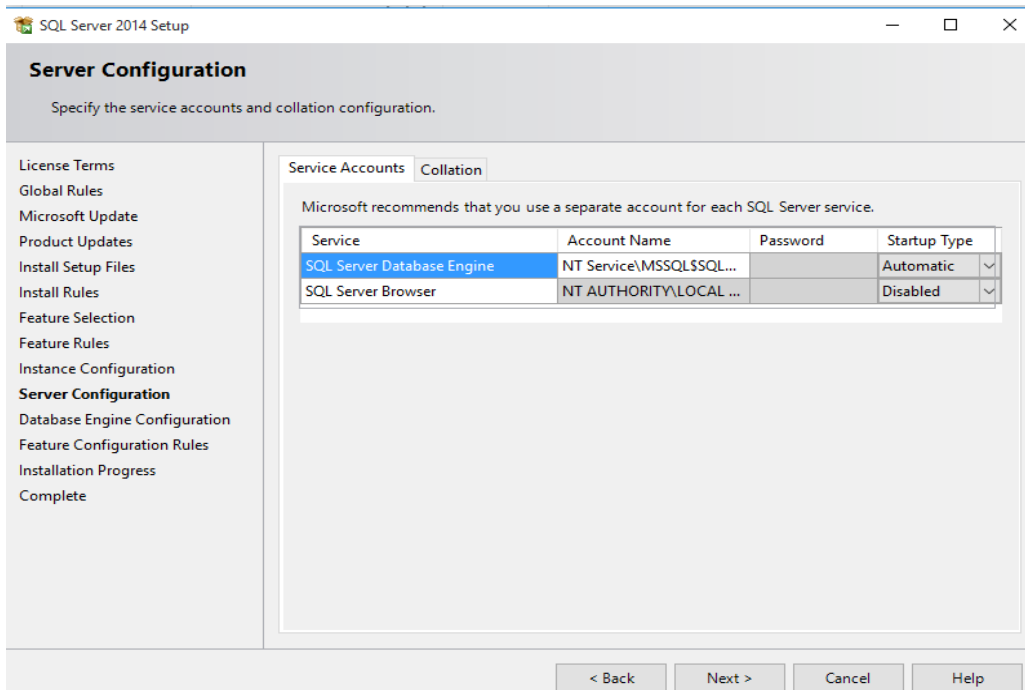
< Back Next > Cancel Help

Next

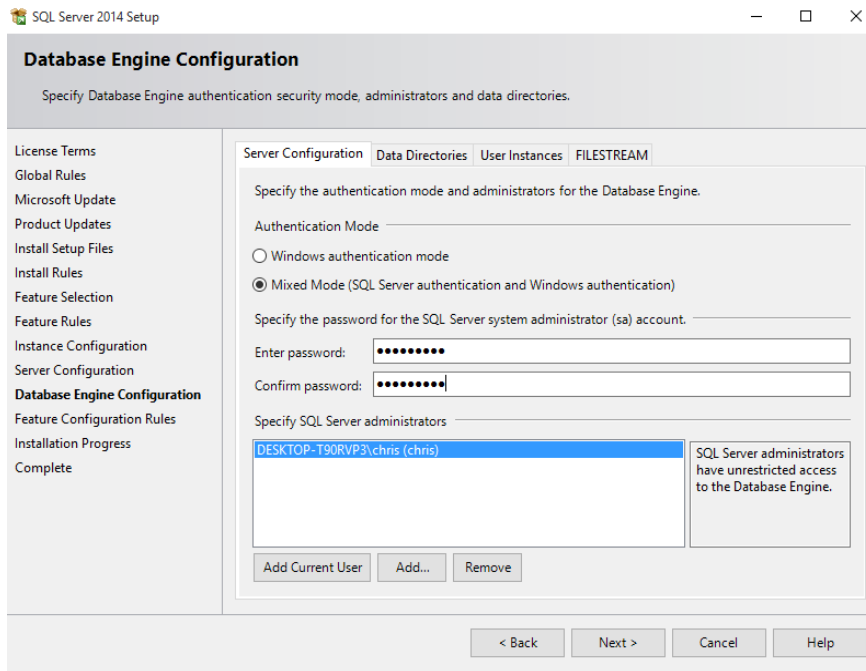
I would change from the Named Instance to SQLEXP2014, but this is your preference but the Default could be used if you wish.



Click **Next** (there is no Password that needs typing in or setting)



When the next screen appears you will be asked for the **Authentication Mode** and please choose **Mixed mode**, give the **SA** account a password.

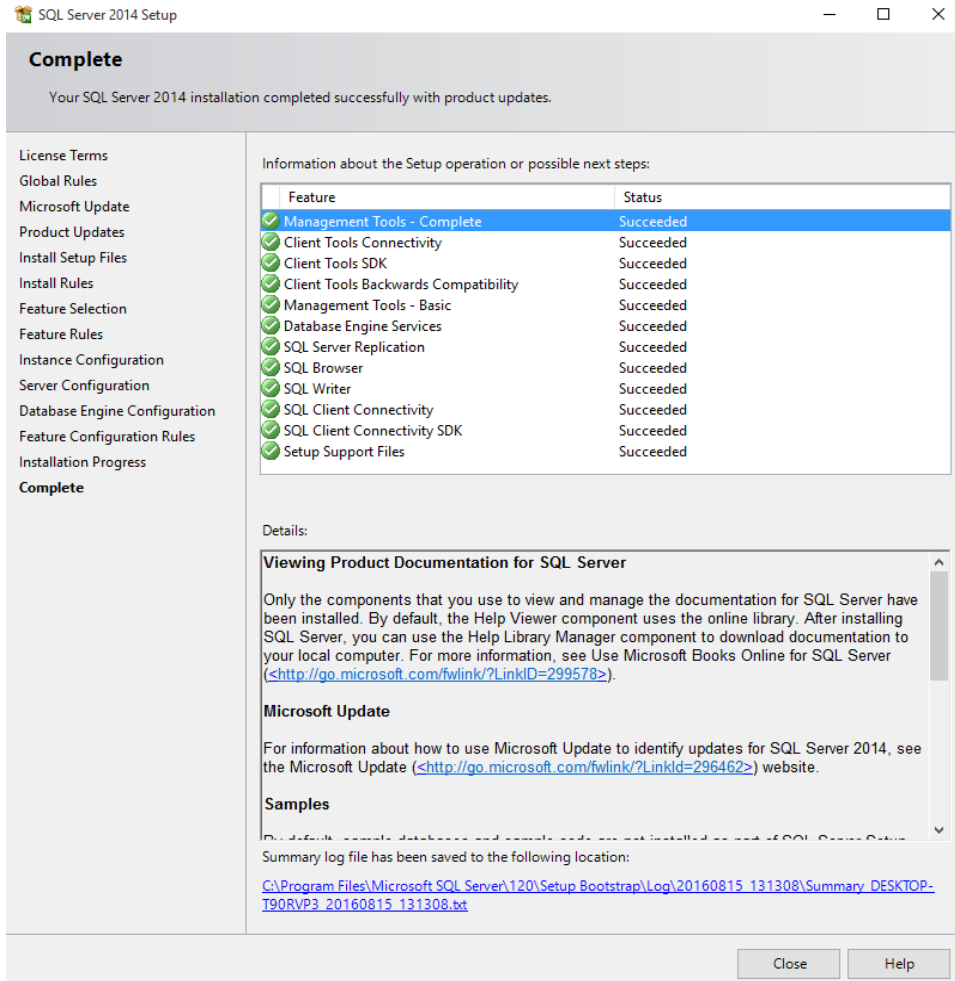


Though it can be done later you might consider a separate account to use as an Administrator for SQL. It was left as above for this installation.

Next.

The Installation Progress stage begins and this is the main install phase for SQL Express 2014 taking a while to go through everything.

Once complete everything should say Succeeded.



NEXT STEPS

Please proceed to the main document on setting up the application called *RHFB setting up to use*