

# SQL Server 2008 R2 SP2 Express Edition Installation

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If you don't already have SQL Server 2008 R2 or SQL Server 2008 R2 Express Edition operating within your organization then install SQL Server 2008 R2 Express Edition.

Consult with your organization's IT department or IT service provider to determine which server is suitable for the installation.

## Download Microsoft SQL Server 2008 R2 SP2 - Express Edition

<http://www.microsoft.com/en-nz/download/details.aspx?id=30438>

Choose the download that you want

<input type="checkbox"/> File Name	Size
<input type="checkbox"/> SQLEXP_x64_ENU.exe	122.4 MB
<input type="checkbox"/> SQLEXP32_x86_ENU.exe	97.4 MB
<input type="checkbox"/> SQLEXPADV_x64_ENU.exe	1,008.6 MB
<input type="checkbox"/> SQLEXPADV_x86_ENU.exe	894.1 MB
<input checked="" type="checkbox"/> SQLEXPRTW_x64_ENU.exe	340.5 MB
<input type="checkbox"/> SQLEXPRTW_x86_ENU.exe	318.4 MB

Select either SQLEXPRTW\_x64\_ENU.exe (64 bit with tools\*) or SQLEXPRTW\_x86\_ENU.exe (32 bit with tools\*) depending upon the server configuration.

\* includes SQL Server Management Studio

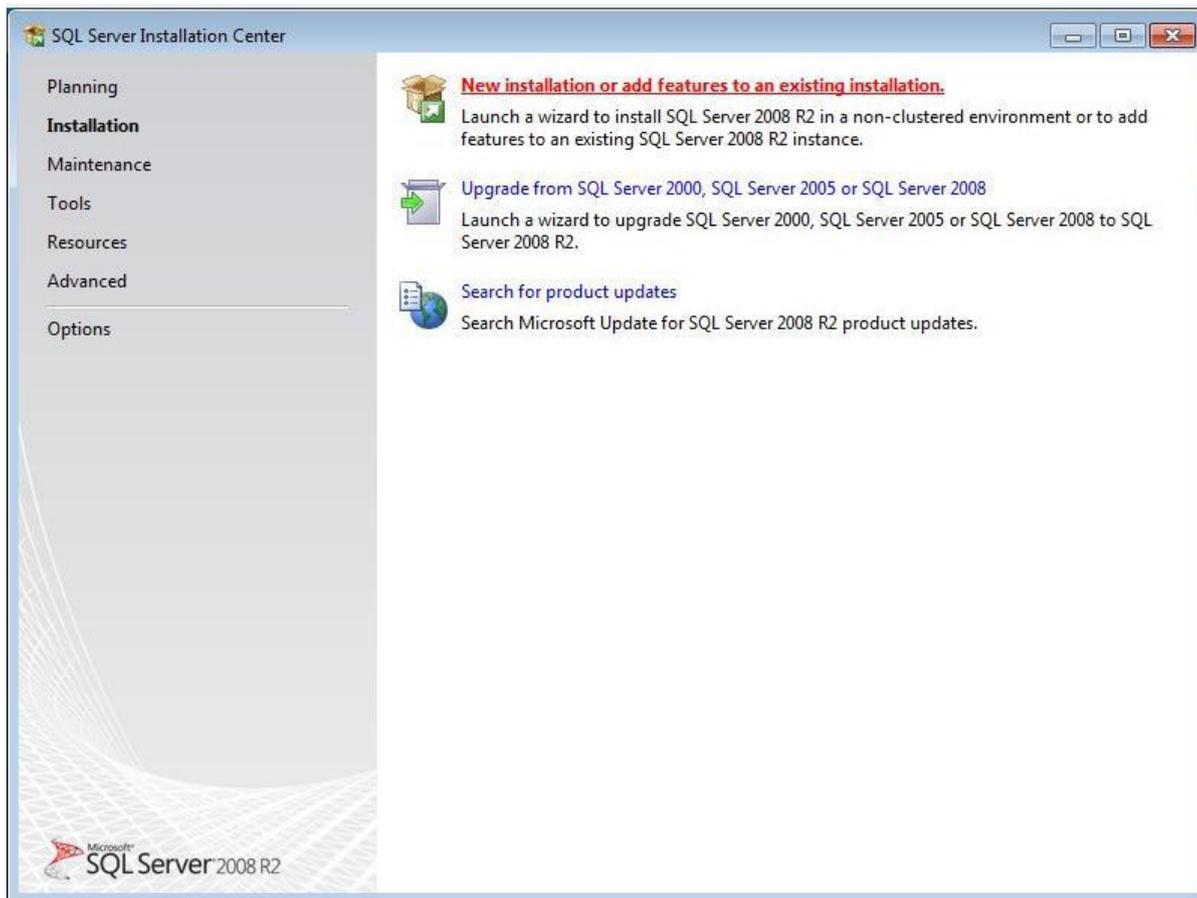
### Alternative Download:

SQL Server 2008 R2 Express Edition 64 bit with Tools including SQL Server Management Studio.

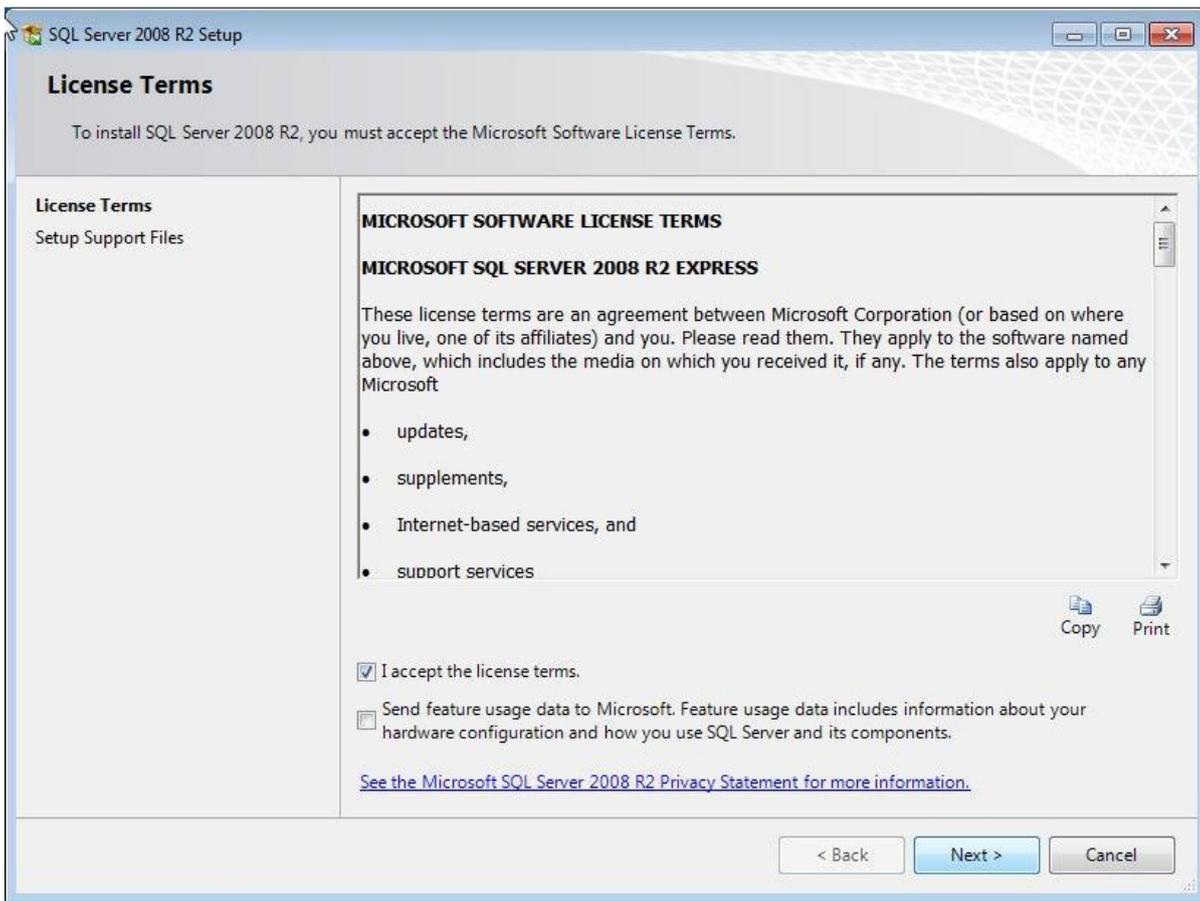
[http://www.rvtoolswiki.com/Apps/%20SQLEXPRTW\\_x64\\_ENU.zip](http://www.rvtoolswiki.com/Apps/%20SQLEXPRTW_x64_ENU.zip)

## Installation

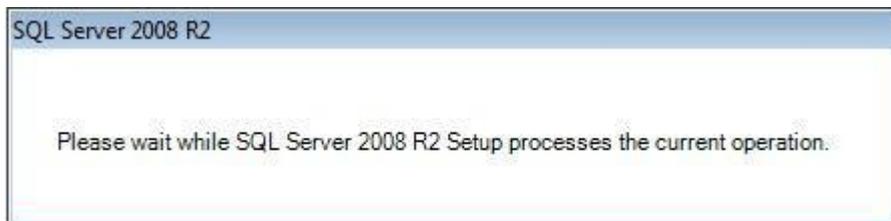
Once you have downloaded file run the installation.



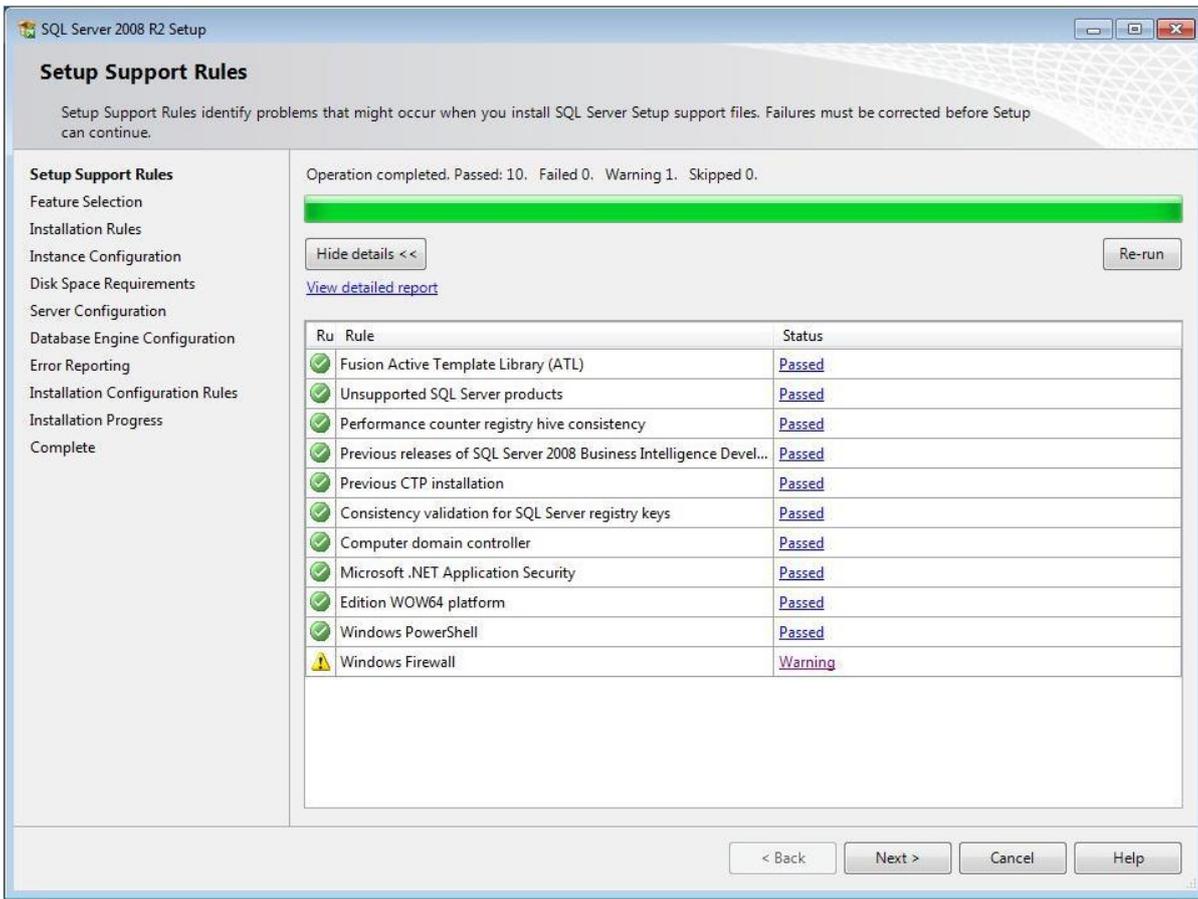
Select New installation or add feature to existing installation.



Accept the license terms and select Next.



Wait while SQL Server 2008 R2 Setup continues...



Confirm that setup support rules have passed then select Next unless you have any errors or warnings.

These issues must be resolved before continuing.

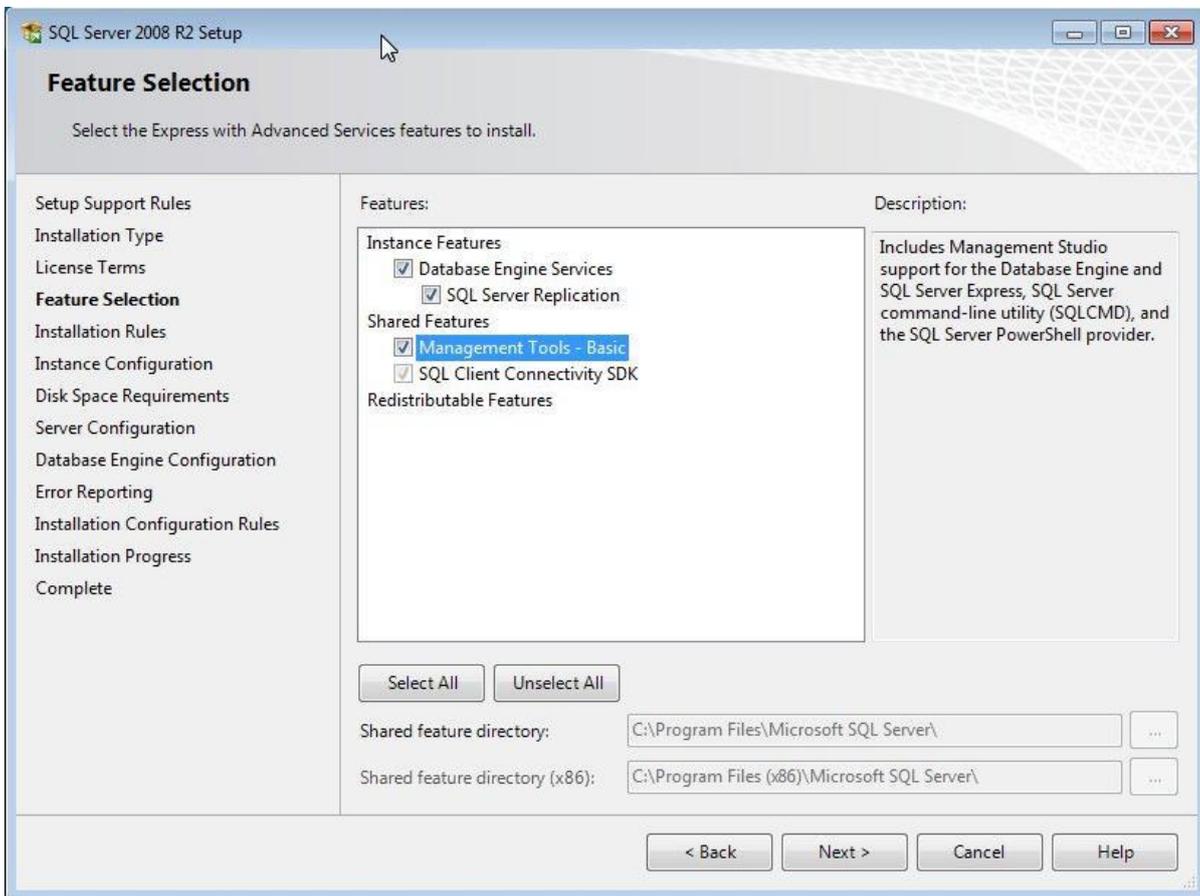
## Windows Firewall

You may have a Windows Firewall warning as shown above. Click on the Warning link to display further information and a link to the Microsoft web page.

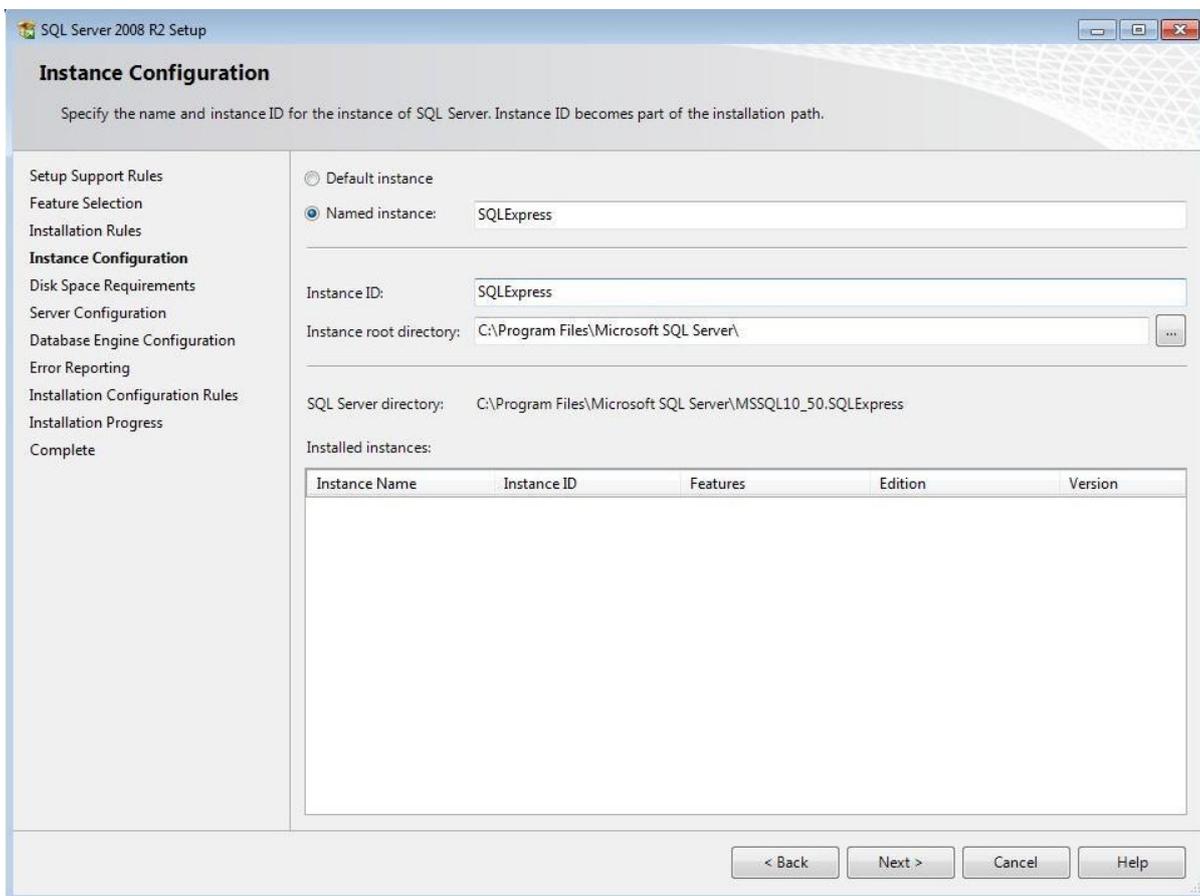


<http://go.microsoft.com/fwlink/?linkid=94001>

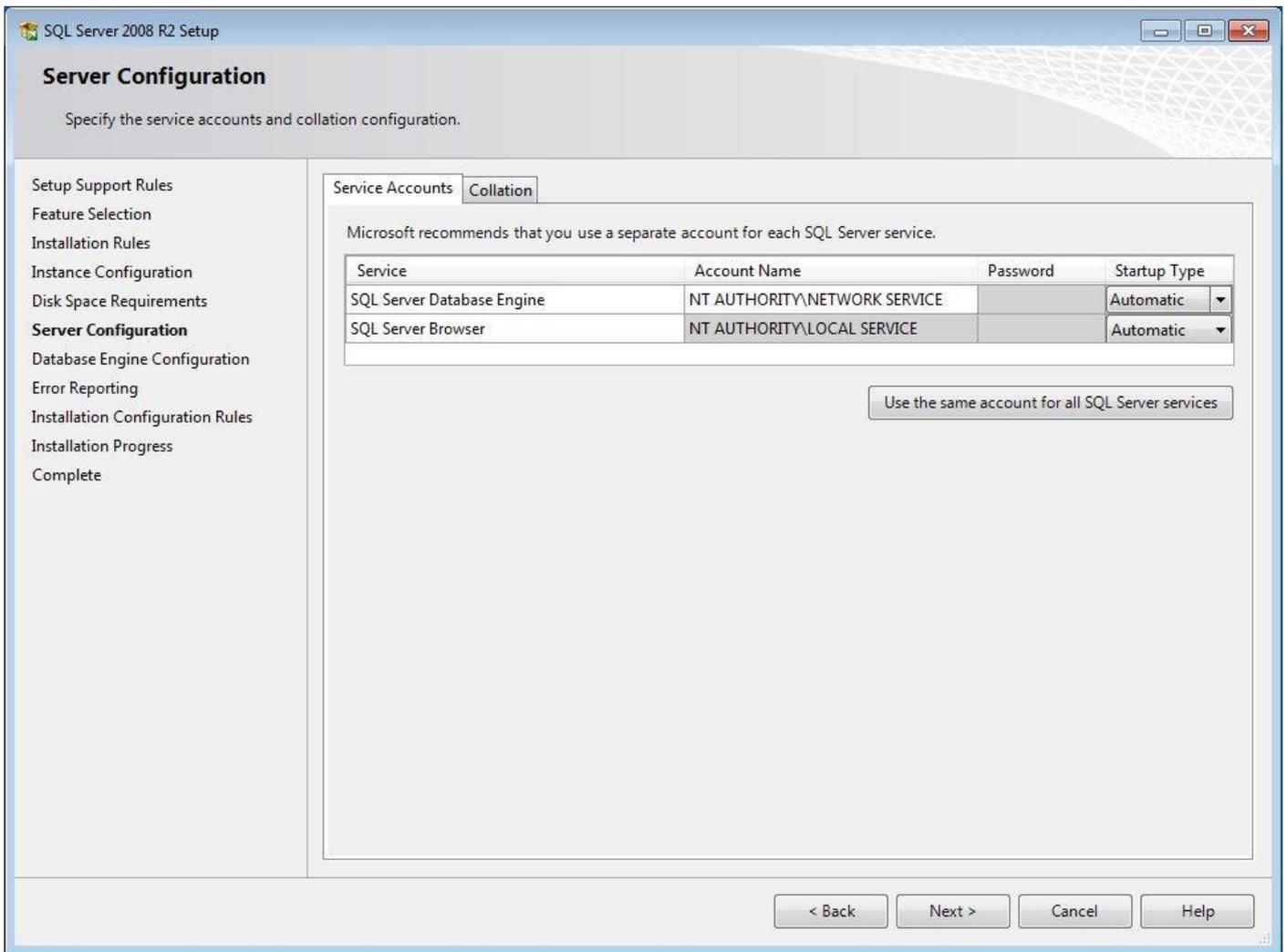
Select "How to: Configure a Windows Firewall for Database Engine Access" to guide you through the settings for allowing SQL Server through a Windows firewall.



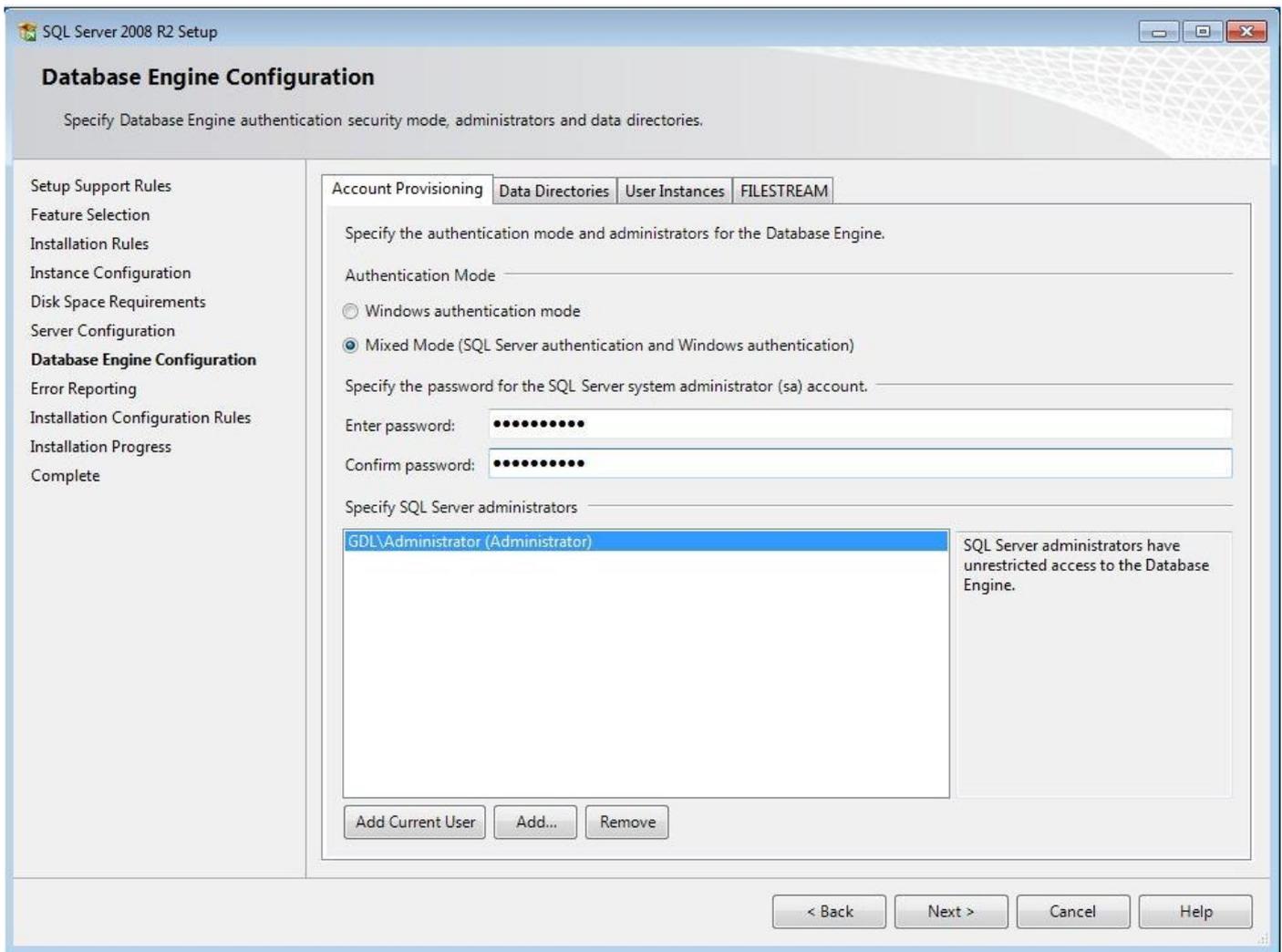
Accept the default features and select Next.



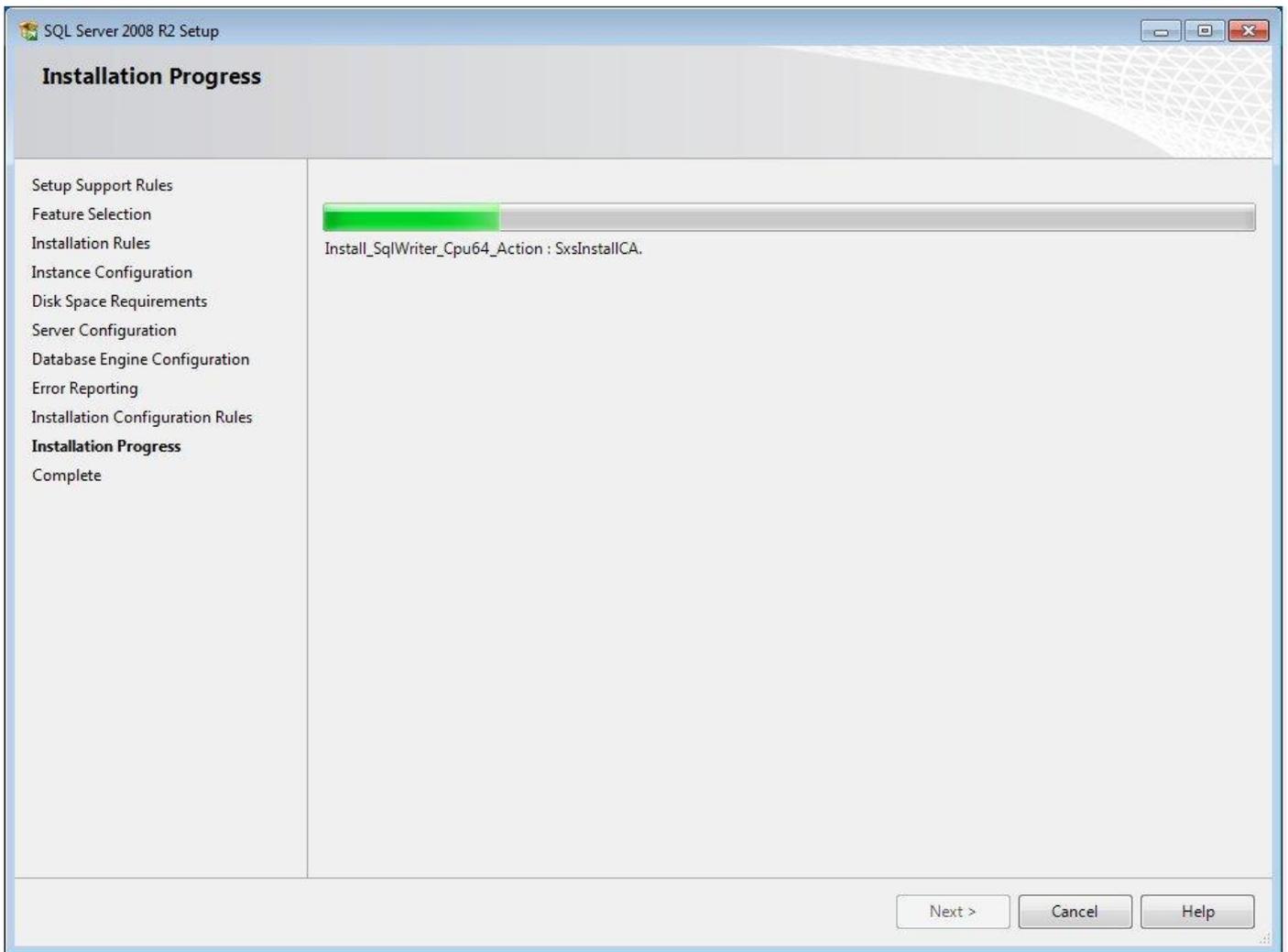
Define the SQL Instance or accept the default name: SQLEXPRESS, then select Next.



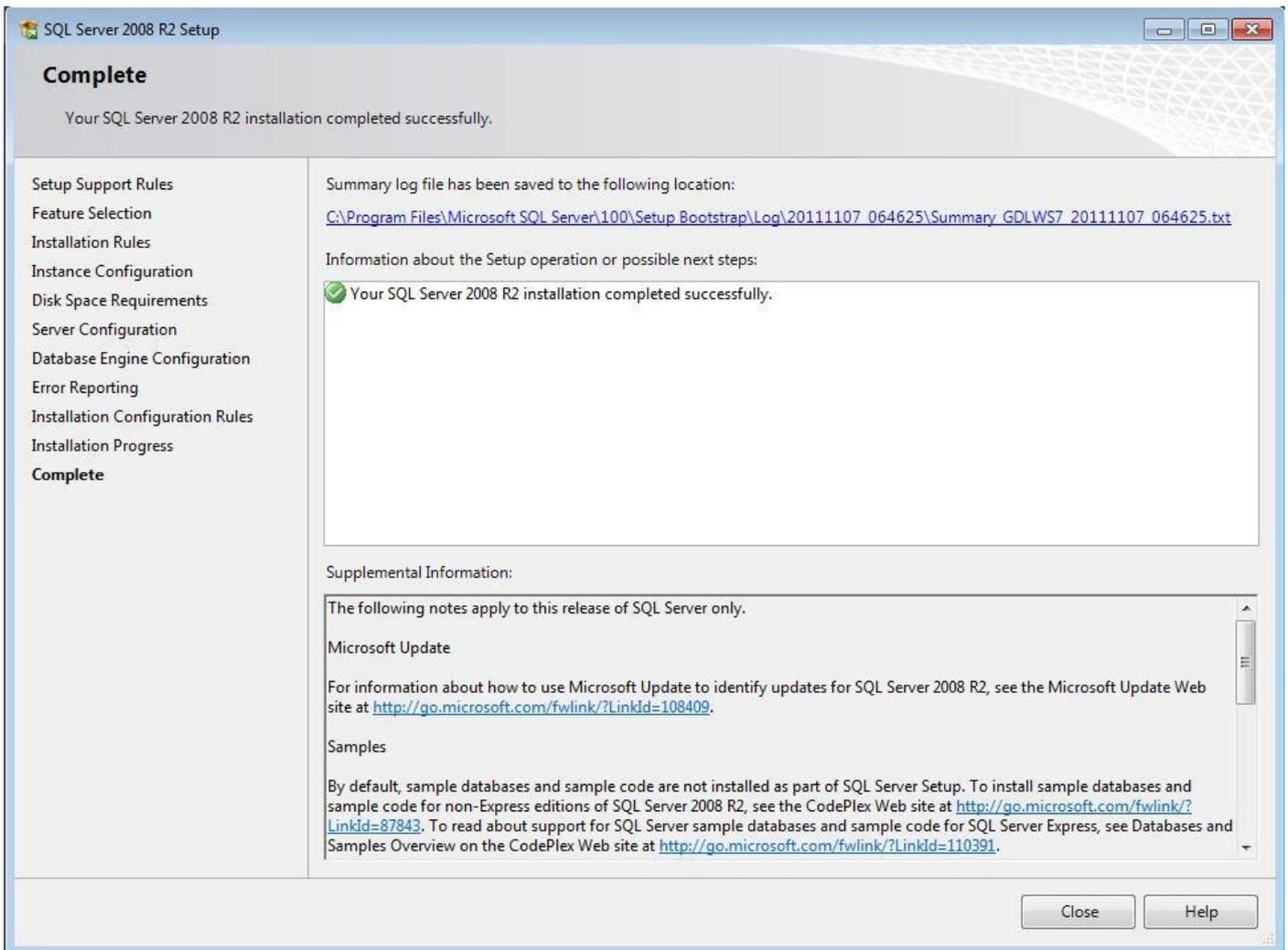
Change the SQL Server Browser startup type to **Automatic**, then select Next.



Change Authentication **Mode to Mixed Mode (SQL Server authentication and Windows authentication)**. Enter the system administrator password (**do not forget password**). Select Next to continue.



Installation will now continue and install SQL Server 2008 R2, please wait...



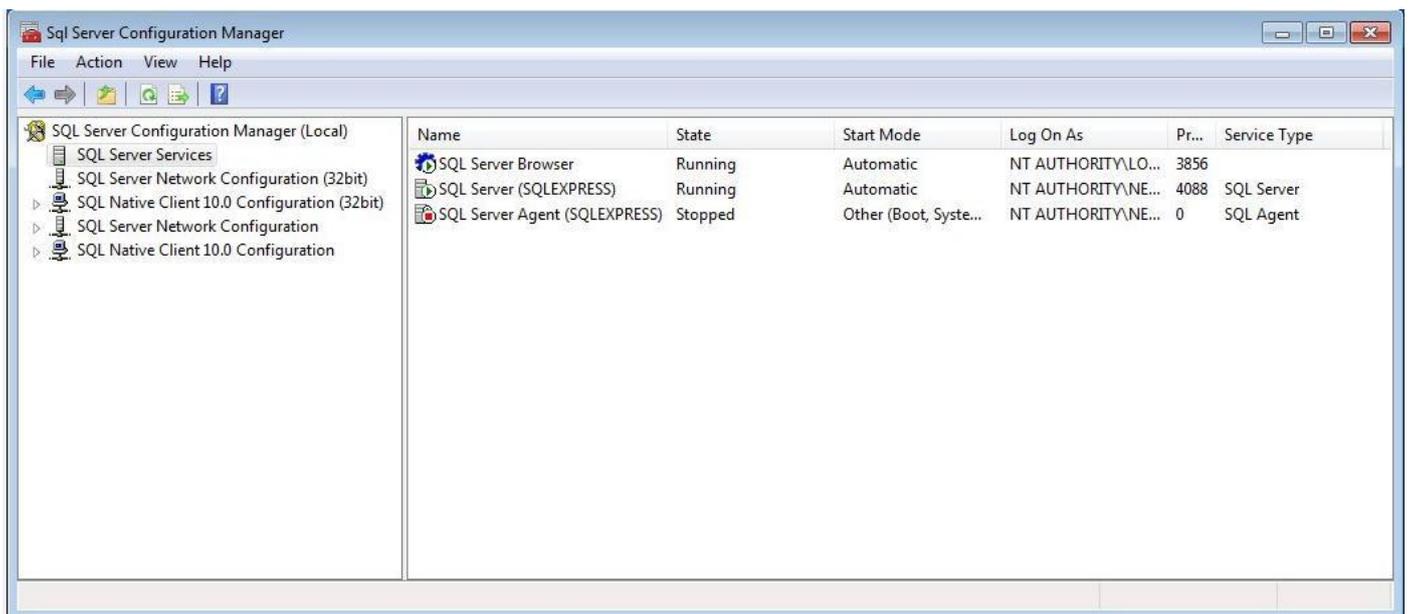
Once the SQL Server 2008 R2 installation has been successfully completed select Close.

## SQL Server Configuration Manager

Once SQL Server 2008 R2 Express Edition has been successfully installed select SQL Server Configuration Manager from the Windows Programs menu.

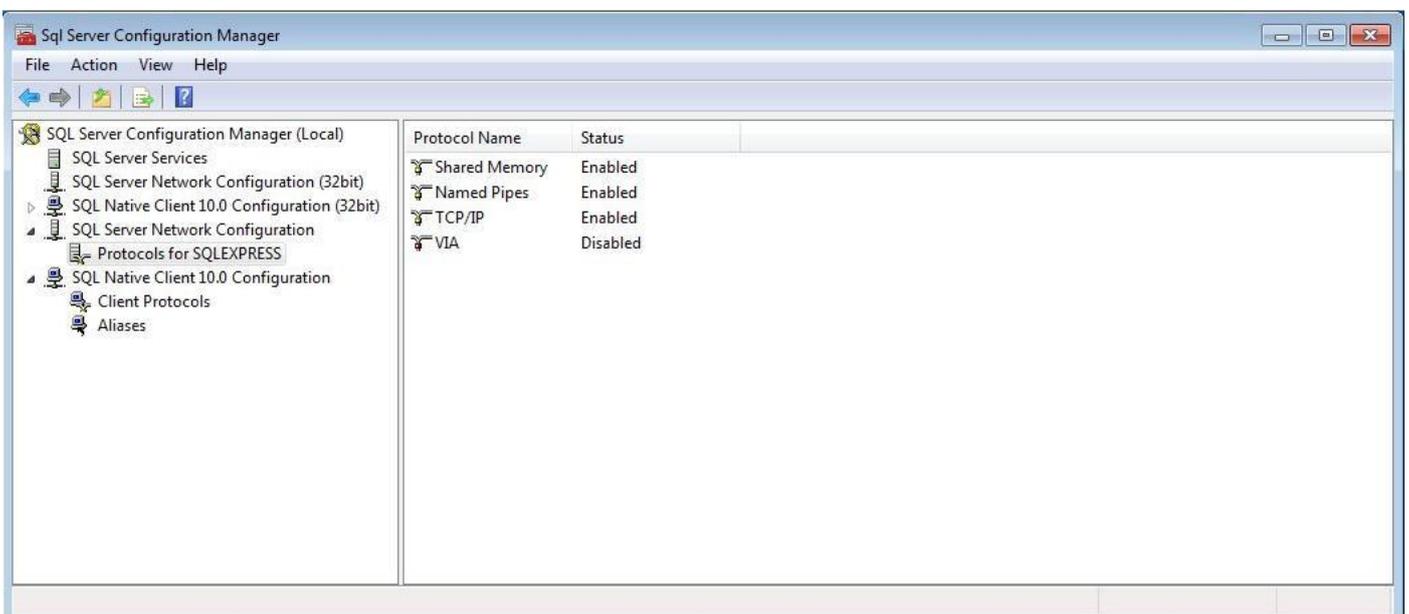


Confirm that the SQL Server Browser and SQL Server services are running.

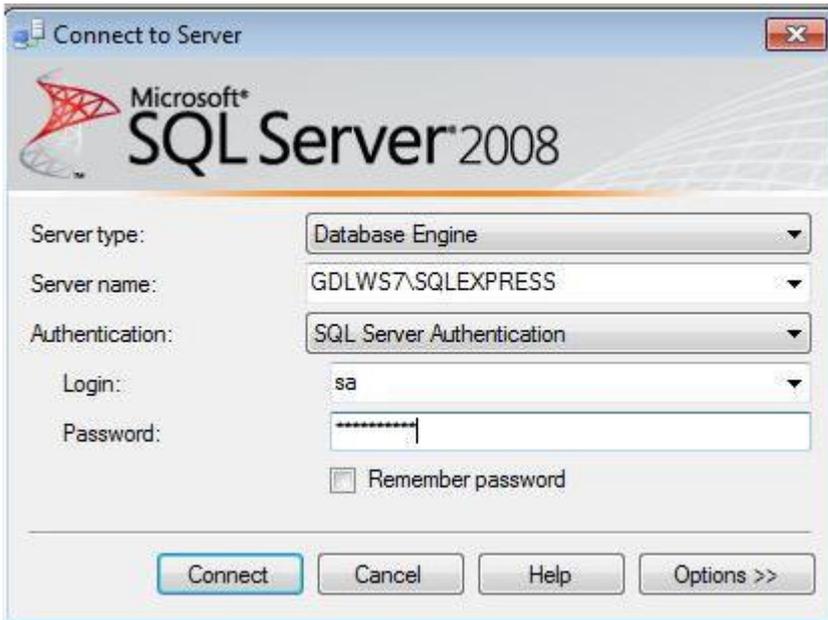


Expand the SQL Server Network Configuration and confirm that the following protocols are Enabled:

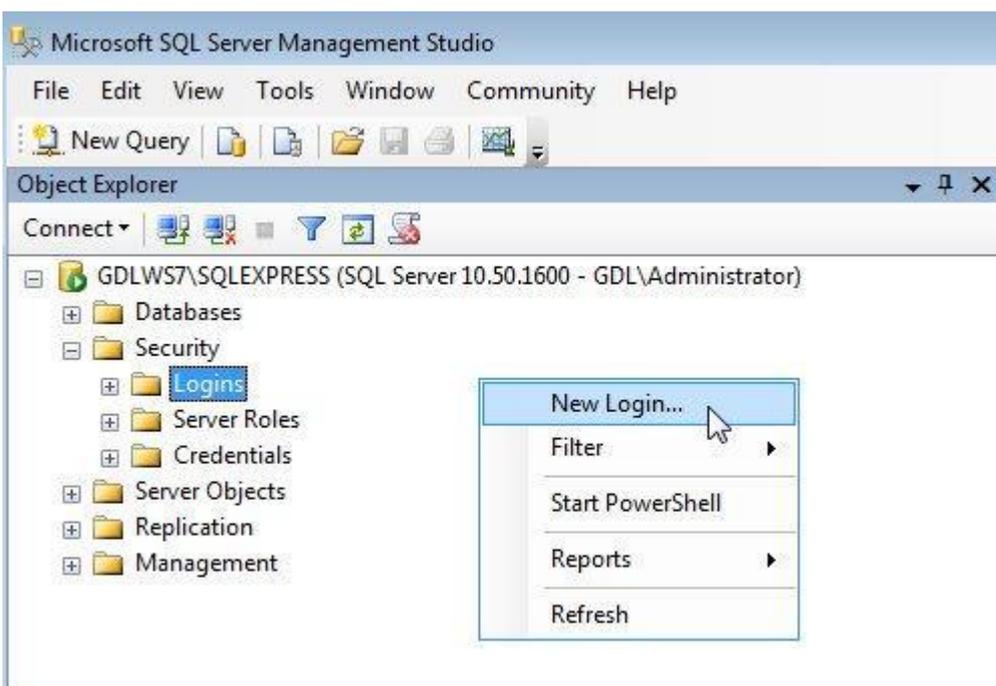
- Shared Memory
- Named Pipes
- TCP/IP



## SQL Server Management Studio



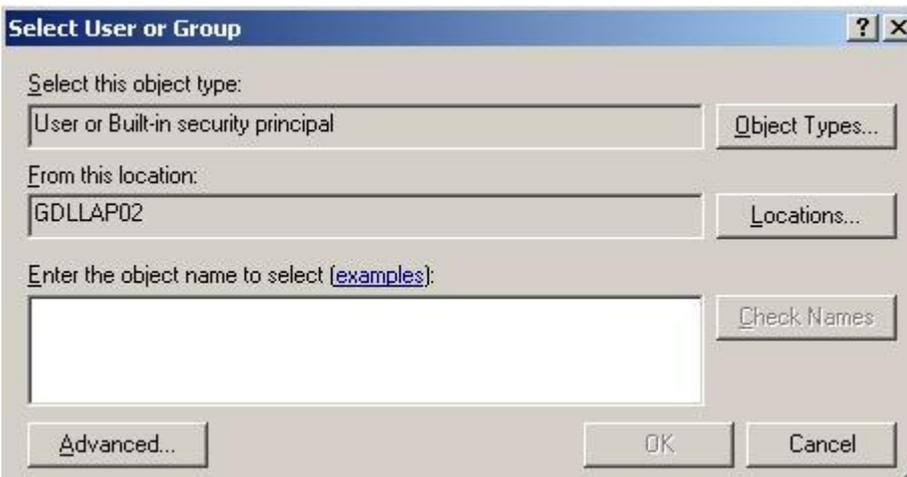
Select SQL Server Authentication mode and login using the System Administrator (sa) account and password previously defined in the SQL Server 2008 R2 Express installation. Select Connect button to continue.



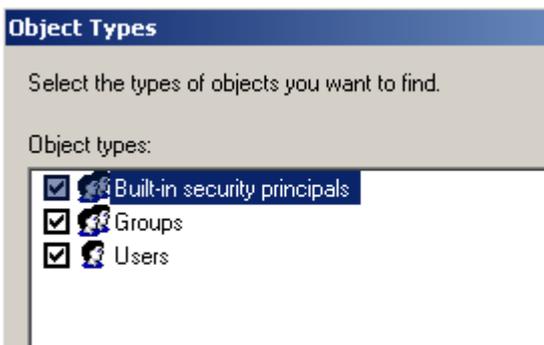
Right click over Login on the Security folder and select New Login...



Select Search... button and define the domain user or group that is permitted access to create and modify the Drawing Manager SQL databases.

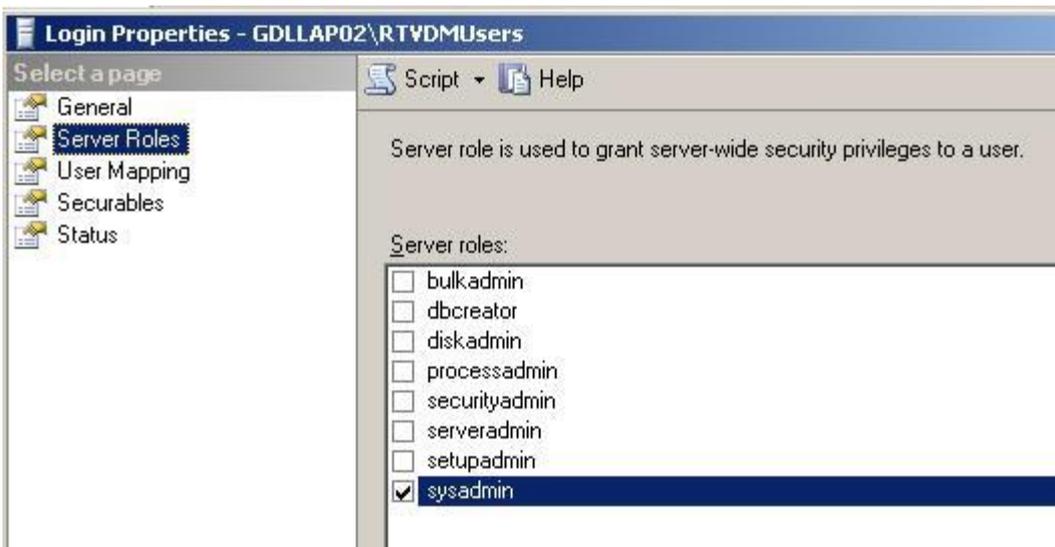


To define a group select the Object Types... button and select the Groups option.





Select Server Roles page and check the 'sysadmin' option.



Select OK button to define the new login.

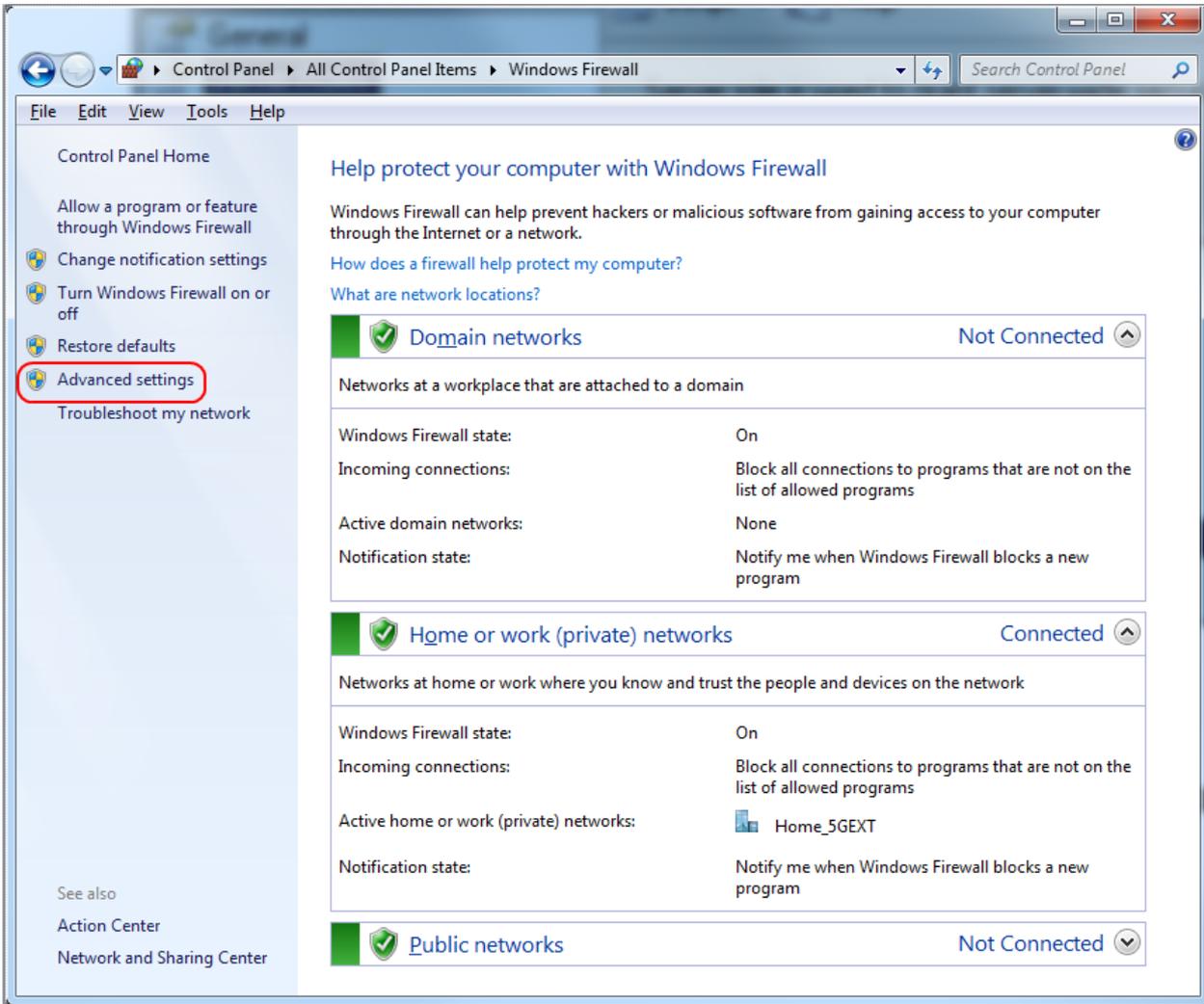
Repeat the above for all users that are permitted to create Drawing Manager databases if you haven't defined a domain group.

## Firewall Exception Settings

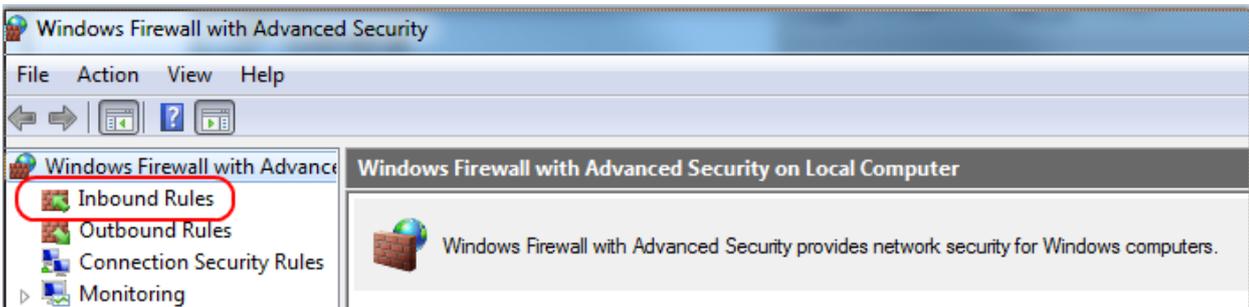
Open the **Control Panel** from the **Start** menu.

Open **Windows Firewall**

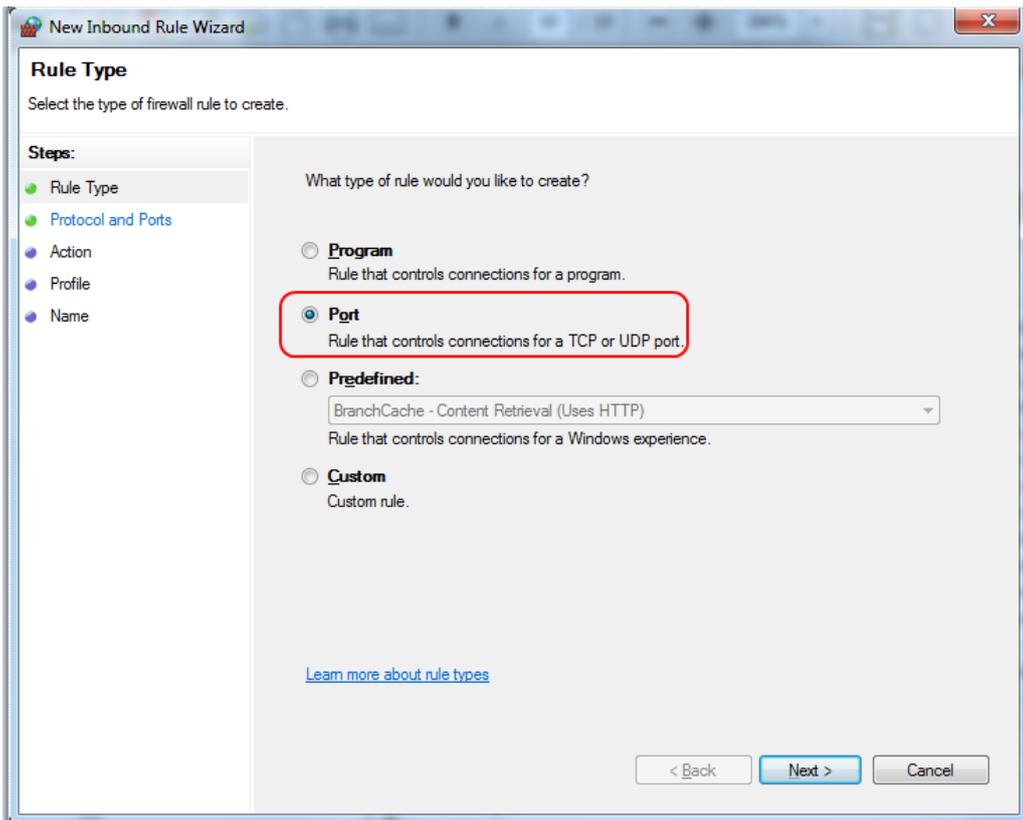
Select **Advanced settings**



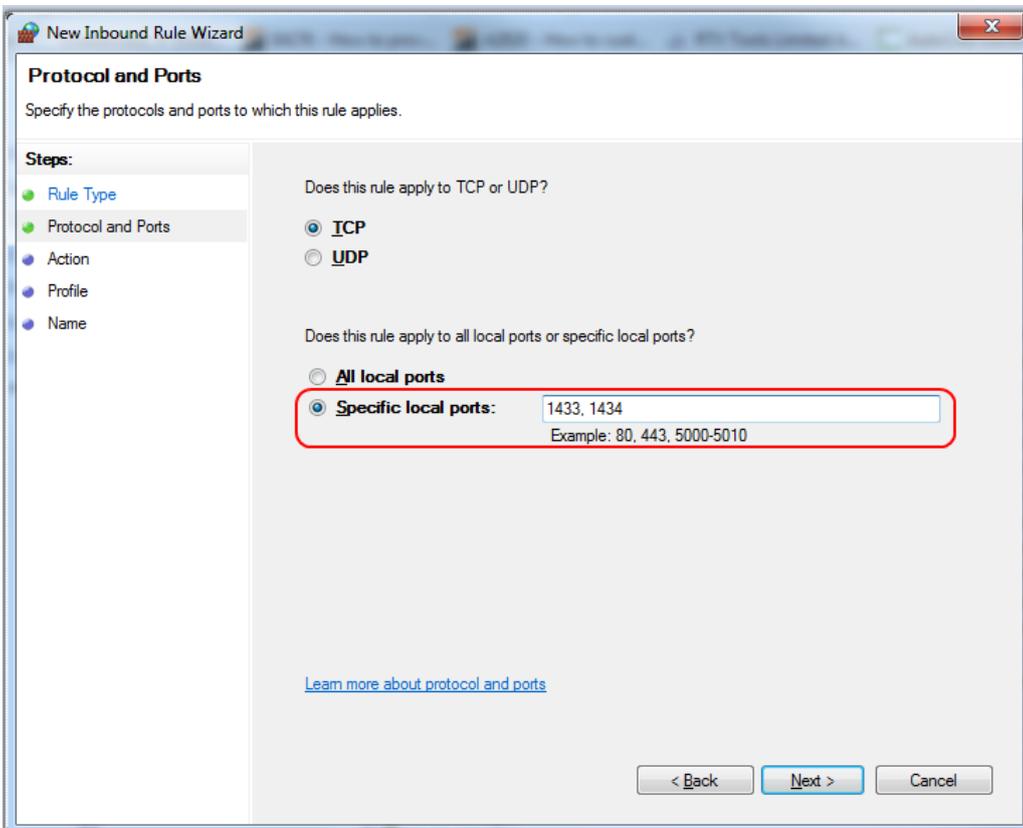
Select **Inbound Rules**



Unser **Actions** select **New Rule...**  
Select **Port**



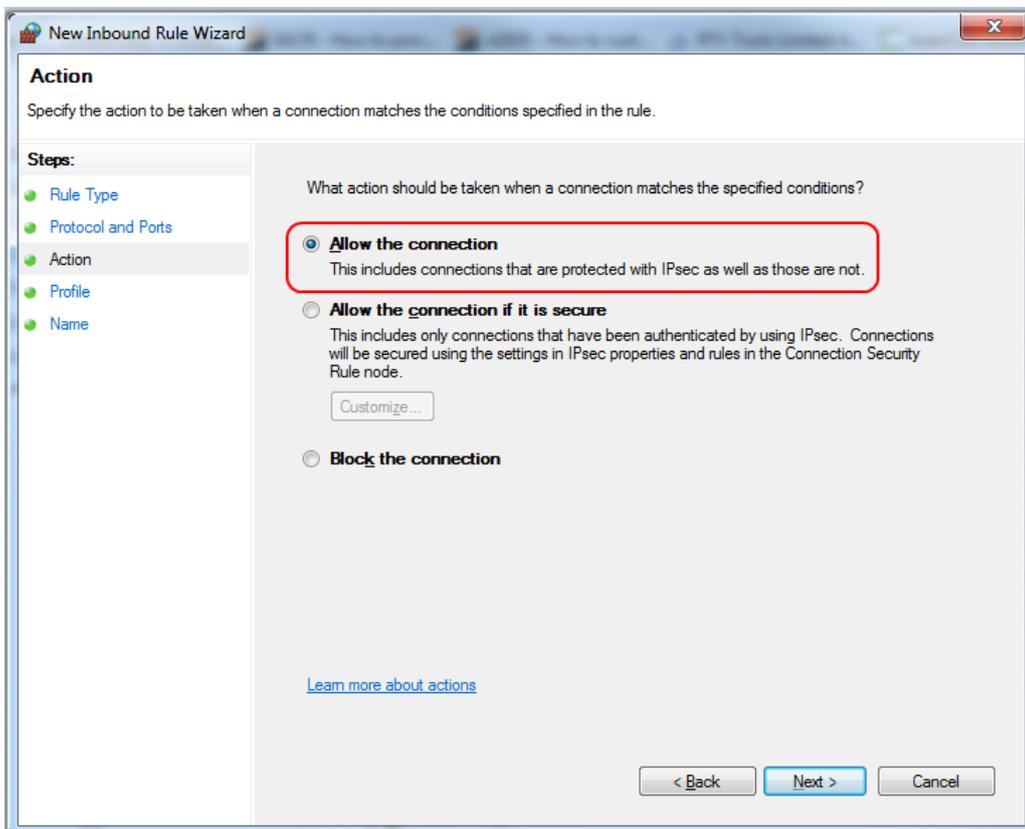
Select Next



Select **Specific local ports**

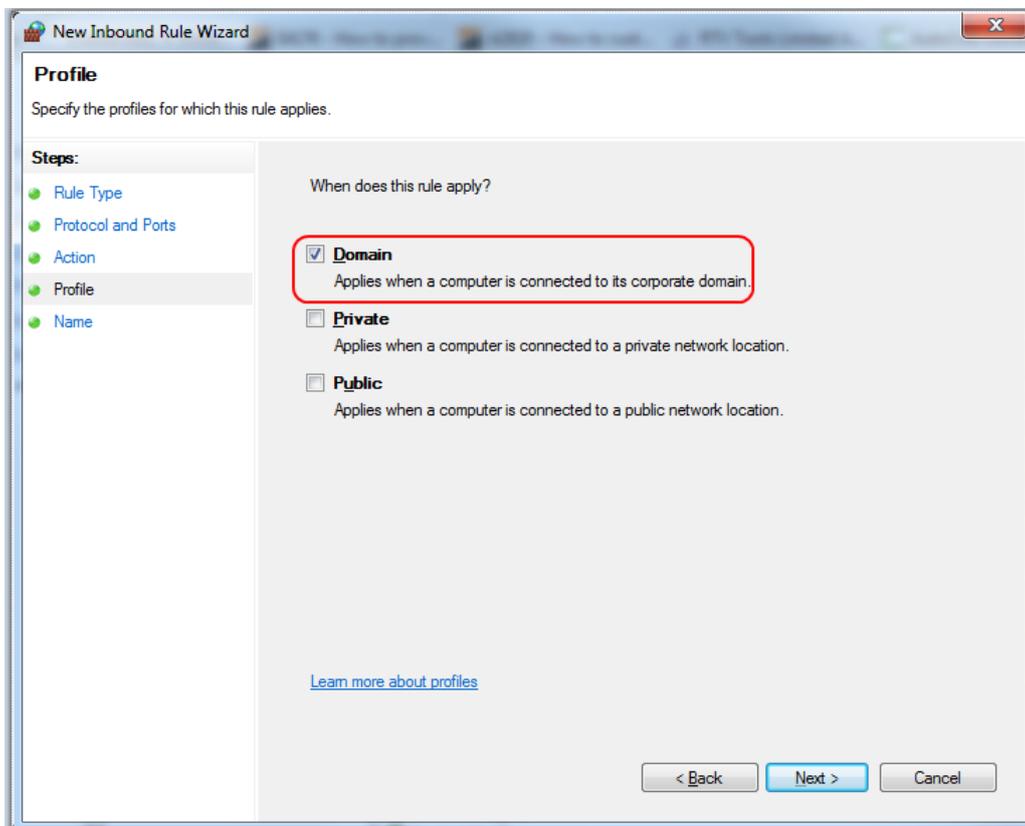
Enter 1433, 1434

Select Next



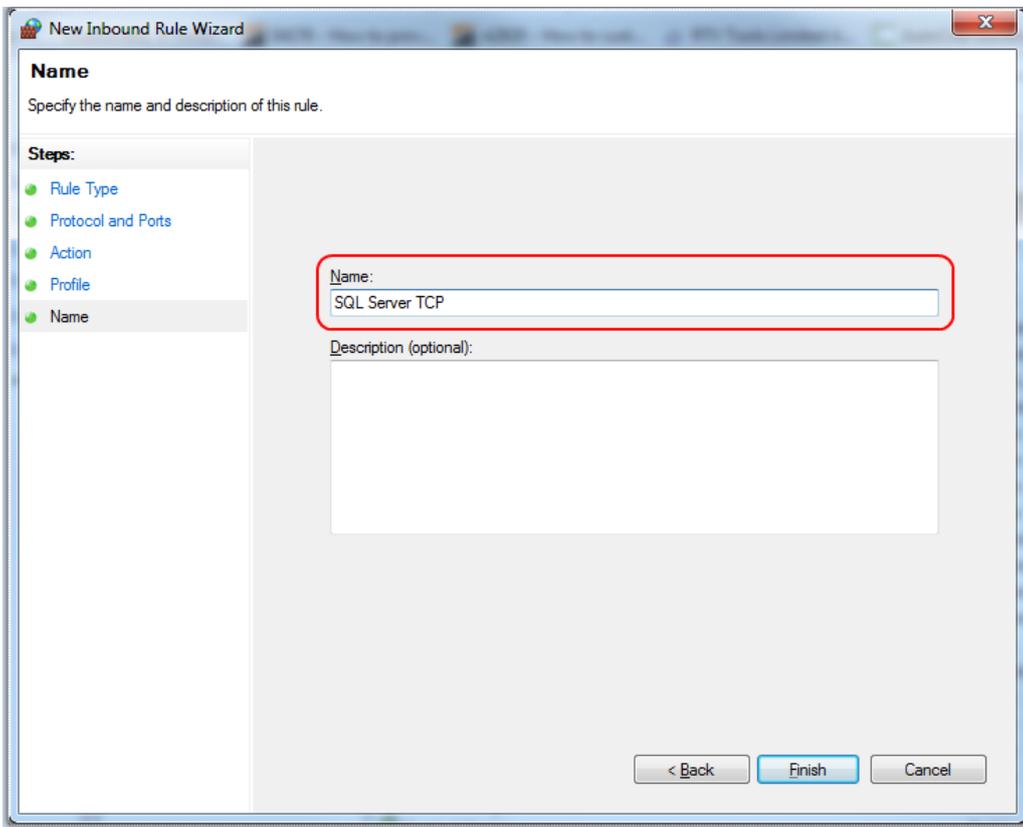
Select **Allow the connection**

Select Next



Check tick box Domain, uncheck Private and Public

Select Next



Enter a name for the exception rule  
Select Finish