

MS SQL Server Installation Guide

This guide will help you in installing “MS SQL Server Express 2008” and “MS SQL Server Management Studio 2012”. This document is prepared on Windows 7. You may get different warnings due to your OS & existing installations.

Version	Last updated	Comments	Modified By
V1.0	23-08-2015		Bilal Shahzad

Please note that “Database Engine Service” and “SQL Server Management Studio” are two different items. If you are installing SQL Server Developer/Standard/Enterprise Edition, that will include both items. But if you want to use freely available SQL Express edition, it will install only “Database Engine Service”. And for IDE, you will have to install “SQL Server Management Studio”.

Following screenshots are taken on Windows 7.

Microsoft SQL Express 2008 Installation

This will install only “Database Engine Service”. “SQL Server Management Studio” (IDE) is not part of this installation.

- 1- To download “Microsoft SQL Express 2008” 32 bit or 64bit version, you may go to following link.

<http://www.microsoft.com/en-us/download/details.aspx?id=1695>



Select Language:

English ▼

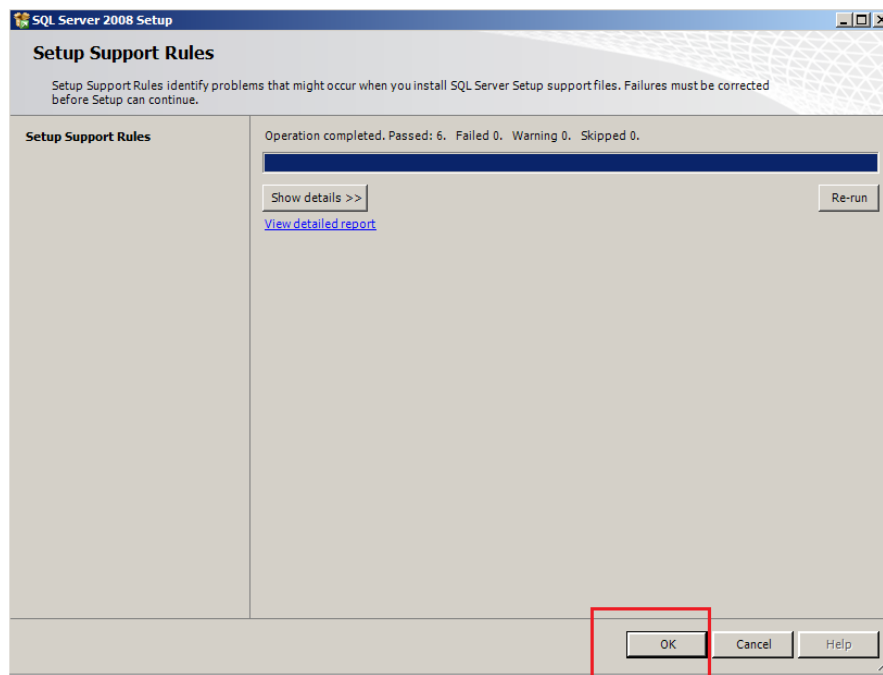
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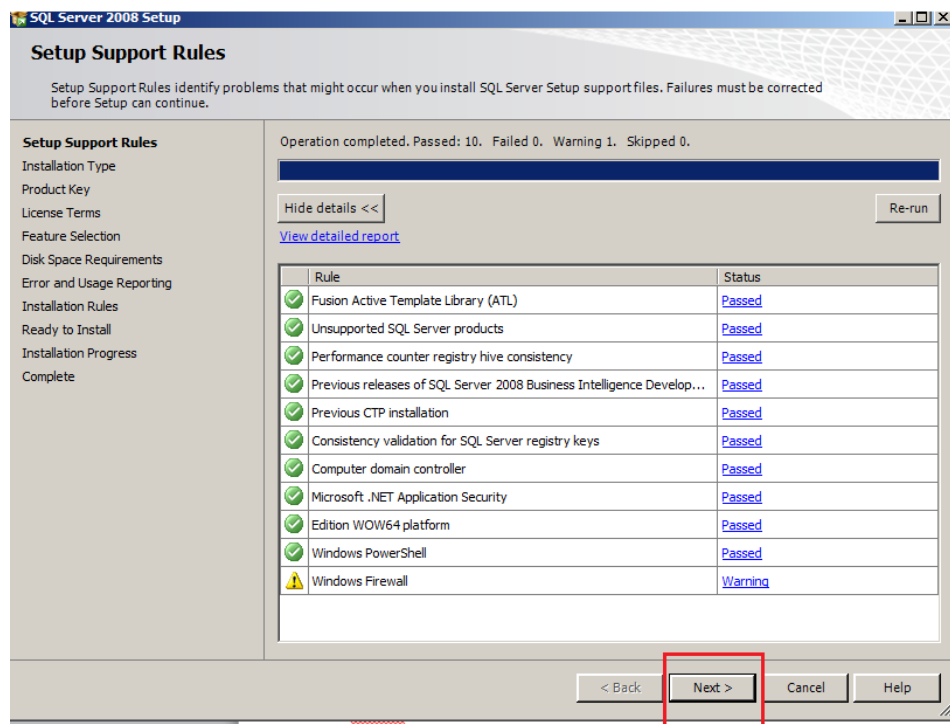
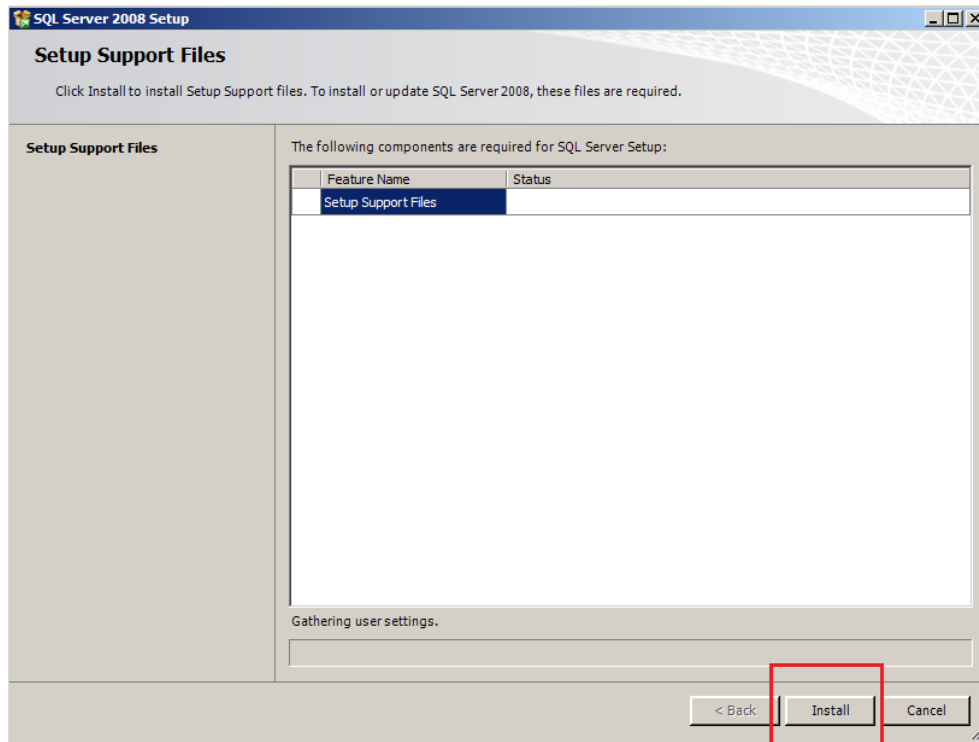
SQL Server 2008 Express is a free edition of SQL Server that is an ideal data platform for learning and building desktop and small server applications, and for redistribution by ISVs.

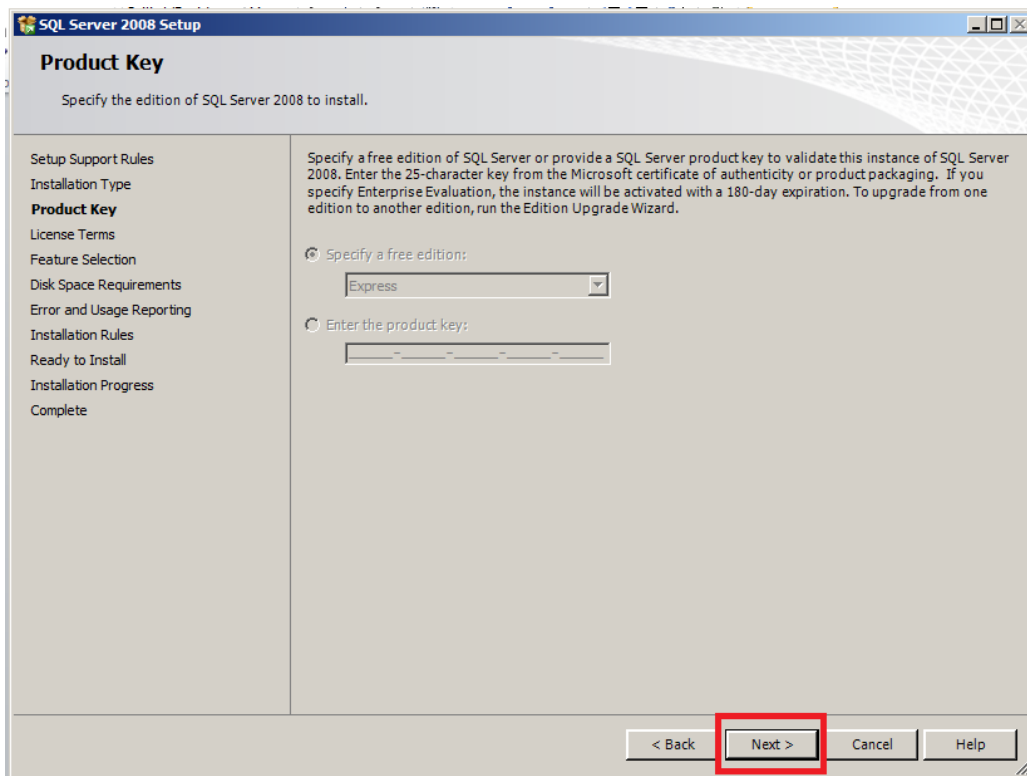
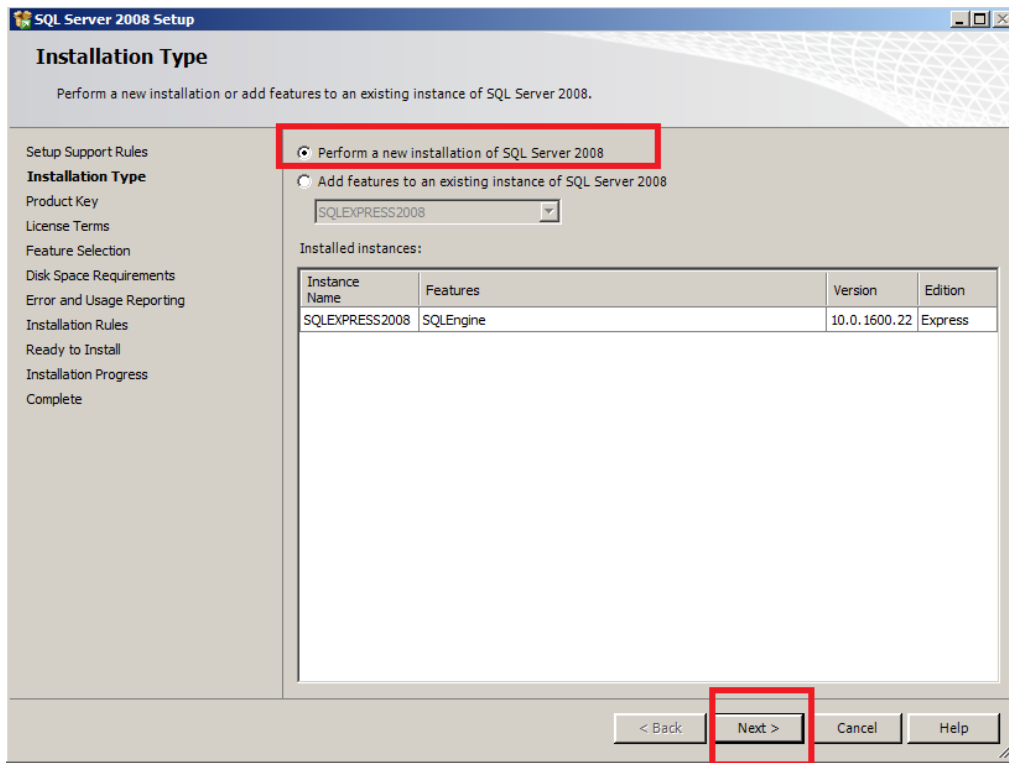
Choose the download you want

<input type="checkbox"/> File Name	Size
<input type="checkbox"/> SQLEXP_x86_ENU.exe	89.1 MB
<input type="checkbox"/> SQLEXP_x64_ENU.exe	82.5 MB
<input type="checkbox"/> SQLEXP32_x86_ENU.exe	61.1 MB

- 2- You may also check “Install Instructions” on same page. Once downloading is complete, you may run the downloaded file to start the installation.







SQL Server 2008 Setup

Feature Selection

Select the Express features to install. For clustered installations, only Database Engine Services and Analysis Services can be clustered.

Setup Support Rules

Installation Type

Product Key

License Terms

Feature Selection

Instance Configuration

Disk Space Requirements

Server Configuration

Database Engine Configuration

Error and Usage Reporting

Installation Rules

Ready to Install

Installation Progress

Complete

Features

Instance Features

☒ Database Engine Services

☐ SQL Server Replication

Shared Features

☒ SQL Client Connectivity SDK

Redistributable Features

Description:

Server features are instance-aware and have their own registry hives. They support multiple instances on a computer.

Select AllUnselect All

Shared feature directory: C:\Program Files\Microsoft SQL Server\...

< Back

Next >

Cancel

Help

- 3- In this step, you may give any name to the SQL Server instance. This name will be used to access SQL Server instance. To connect you will use “YOU_MACHINE_NAME\THIS_INSTANCE_NAME”.
So let say if your machine name is “bilal-computer” and instance name is “MySQLExpress2008”, you will have to use “**bilal-computer\MySQLExpress2008**” to connect this database server.

SQL Server 2008 Setup

Instance Configuration

Specify the name and instance ID for the SQL Server instance.

Setup Support Rules
Installation Type
Product Key
License Terms
Feature Selection
Instance Configuration
Disk Space Requirements
Server Configuration
Database Engine Configuration
Error and Usage Reporting
Installation Rules
Ready to Install
Installation Progress
Complete

☐ Default instance
☒ **Named instance:**

Instance ID:

Instance root directory:

SQL Server directory: C:\Program Files\Microsoft SQL Server\MSSQL10.MySQLExpress2008

Installed instances:

Instance	Features	Edition	Version	Instance ID
SQLEXPRESS2008	SQLEngine	Express	10.0.1600.22	MSSQL10.SQLEXPRESS

< Back **Next >** Cancel Help

SQL Server 2008 Setup

Disk Space Requirements

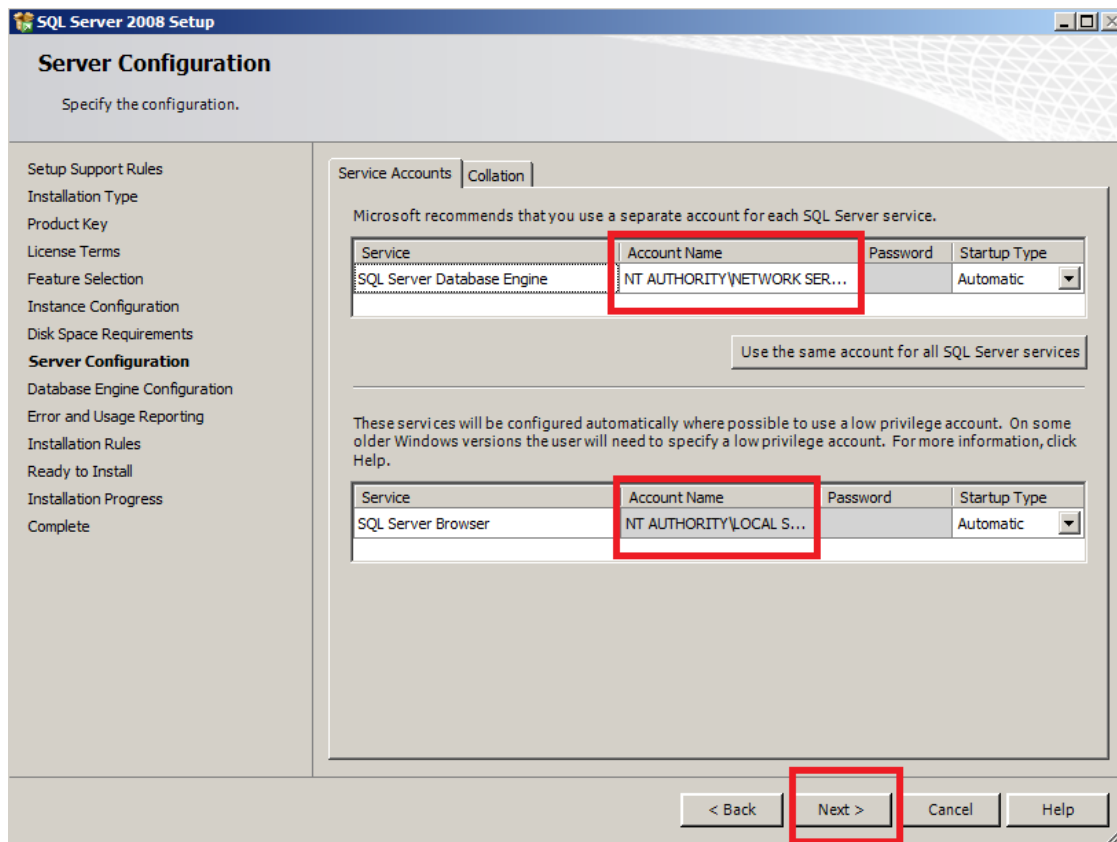
Review the disk space summary for the SQL Server features you selected.

Setup Support Rules
Installation Type
Product Key
License Terms
Feature Selection
Instance Configuration
Disk Space Requirements
Server Configuration
Database Engine Configuration
Error and Usage Reporting
Installation Rules
Ready to Install
Installation Progress
Complete

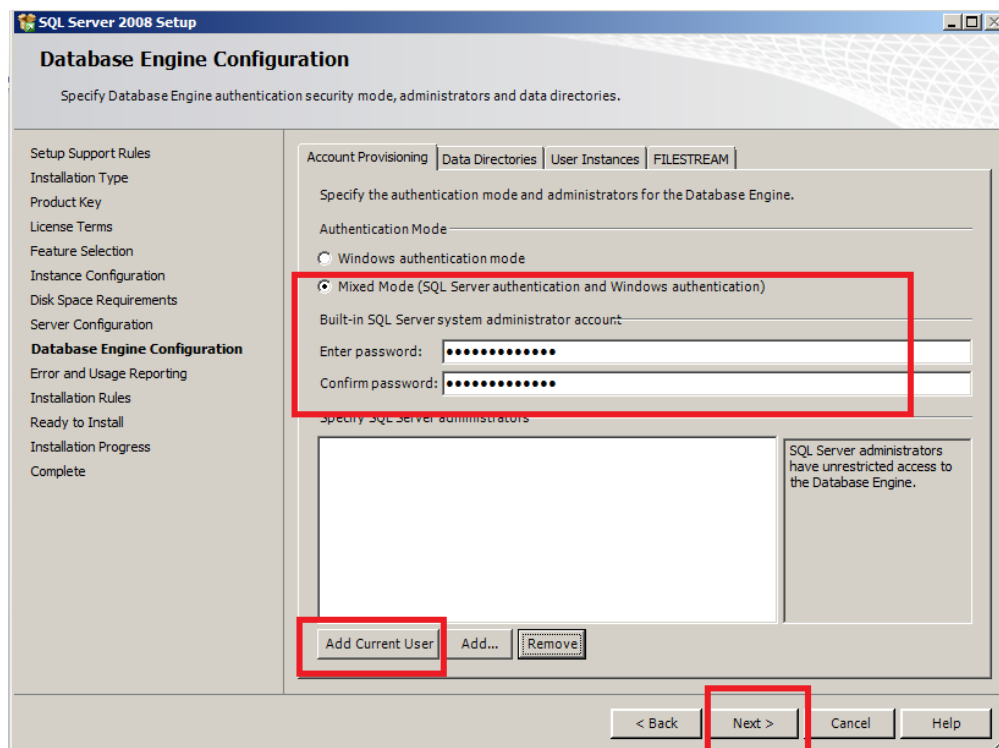
Disk Usage Summary:

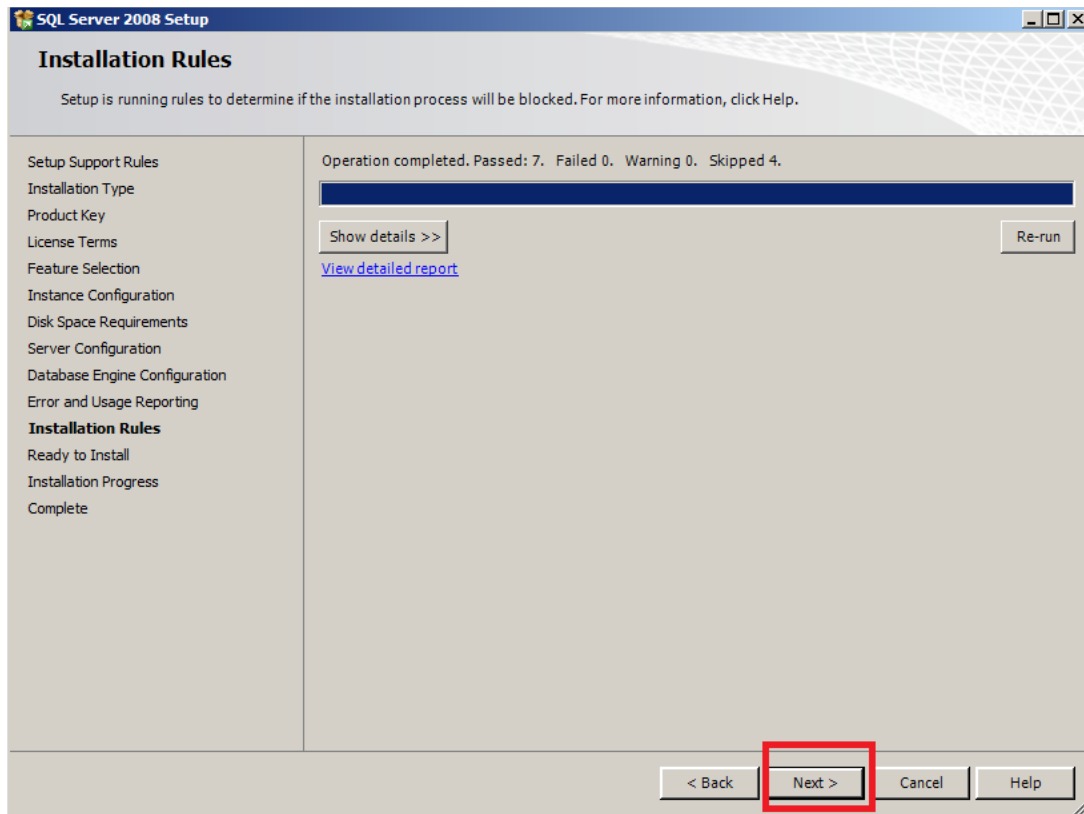
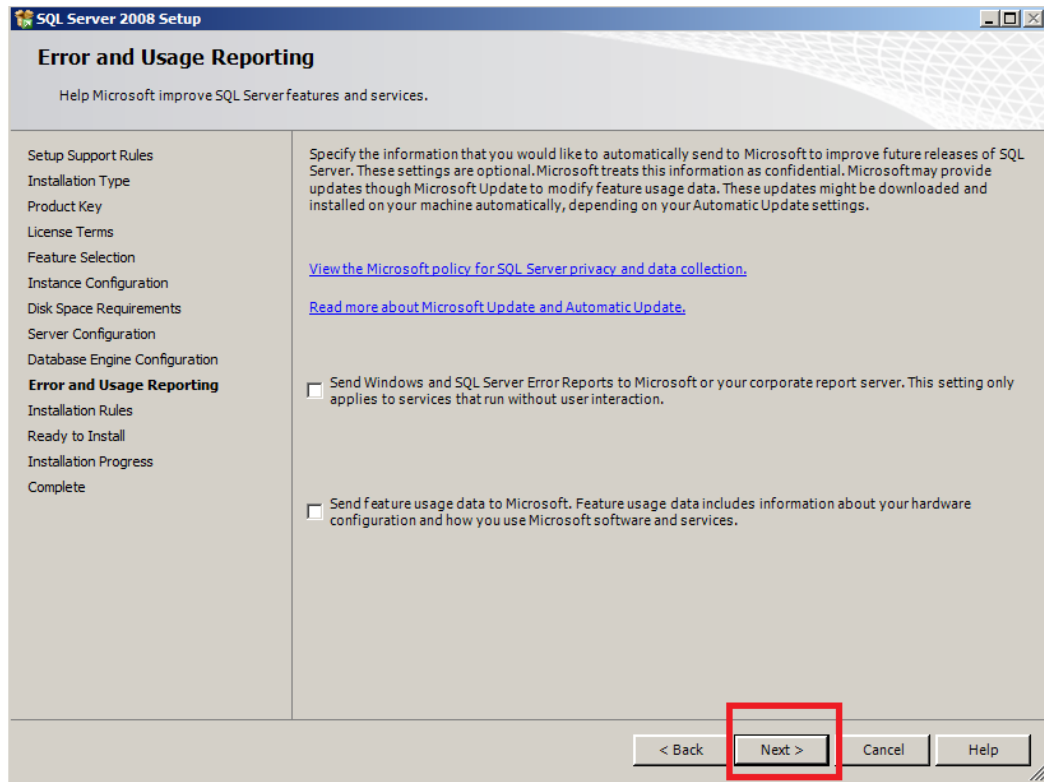
- Drive C: 385 MB required, 41809 MB available
 - System Drive (C:): 182 MB required
 - Shared Install Directory (C:\Program Files\Microsoft SQL Server\): 0 MB required
 - Instance Directory (C:\Program Files\Microsoft SQL Server\): 203 MB required

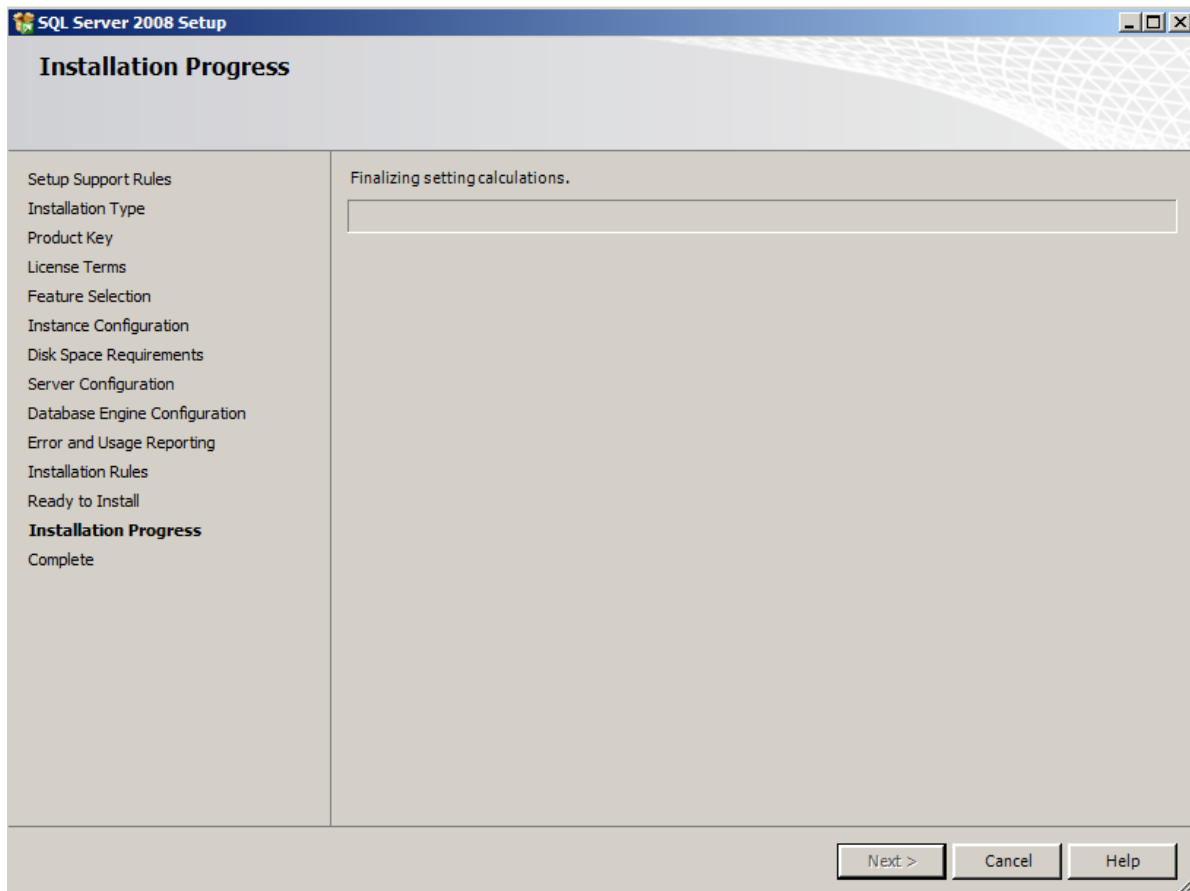
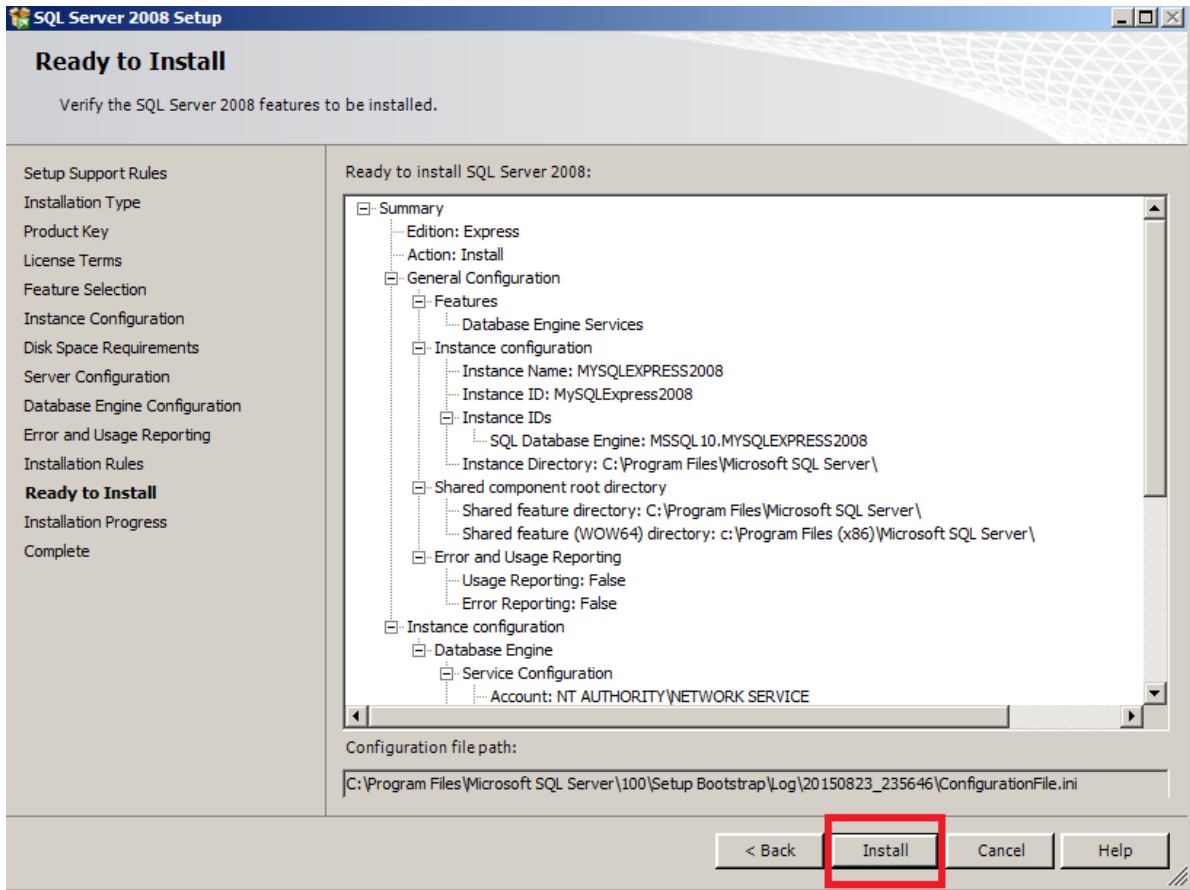
< Back **Next >** Cancel Help

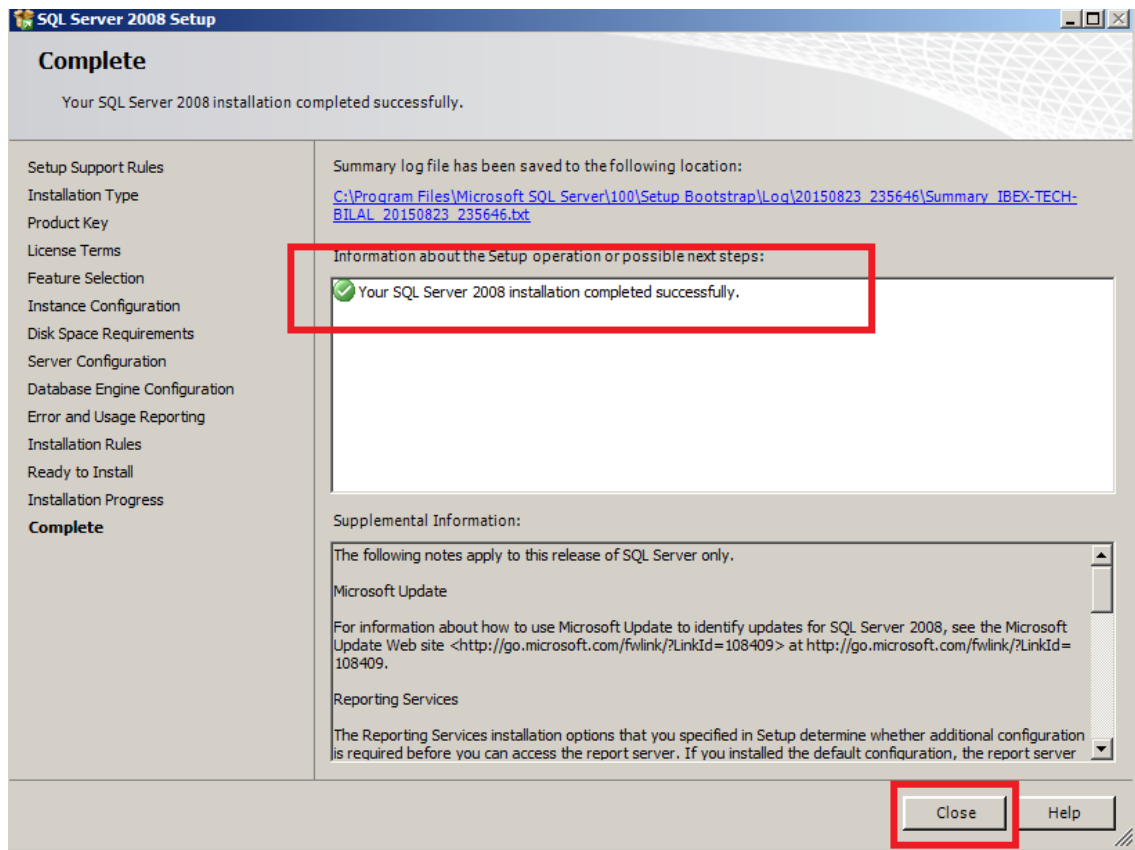
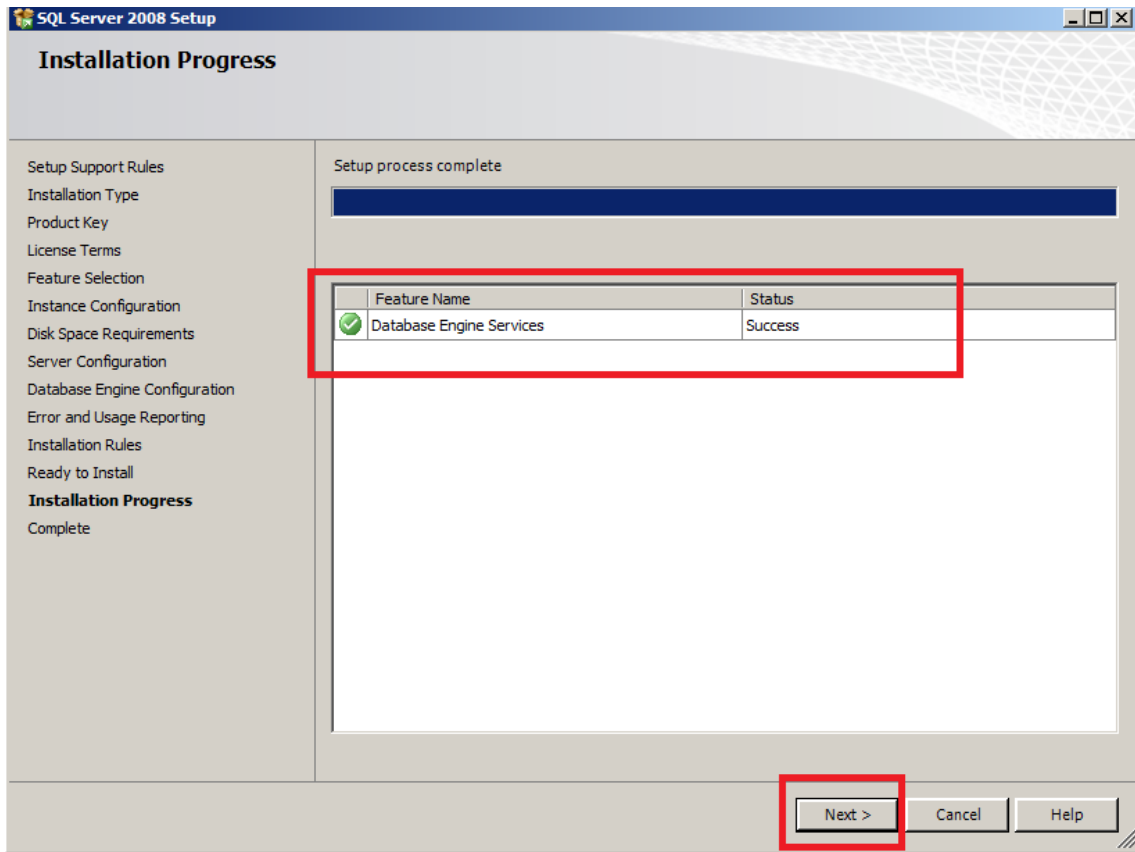


- 4- In this step, choose “Mixed mode” option and set a password. For now, you may provide “P@ssword12345”. Also click “Add Current User” button to add logged in user to the list of SQL Server Administrators.









Microsoft SQL Server Management Studio Installation

This will install only IDE to interact any already installed SQL Server database engine.

- 1- To download “Microsoft SQL Server Management Studio 2012” 32 bit or 64bit version, you may go to following link.

<https://www.microsoft.com/en-us/download/details.aspx?id=29062>



Microsoft® SQL Server® 2012 Express

Select Language:

English

Download

Microsoft® SQL Server® 2012 Express is a powerful and reliable free data management system that delivers a rich and reliable data store for lightweight Web Sites and desktop applications.

Choose the download you want

<input type="checkbox"/> File Name	Size
<input type="checkbox"/> ENU\x64\SQLEXPR_x64_ENU.exe	132.3 MB
<input type="checkbox"/> ENU\x64\SQLEXPRADV_x64_ENU.exe	1.3 GB
<input type="checkbox"/> ENU\x64\SQLEXPRWT_x64_ENU.exe	669.9 MB
<input type="checkbox"/> ENU\x64\SqLocalDB.MSI	33.0 MB
<input type="checkbox"/> ENU\x64\SQLManagementStudio_x64_ENU.exe	600.2 MB
<input type="checkbox"/> ENU\x86\SQLEXPR_x86_ENU.exe	116.7 MB

Download Summary:

You have not selected any file(s) to download.

Total Size: 0

Choose the download you want

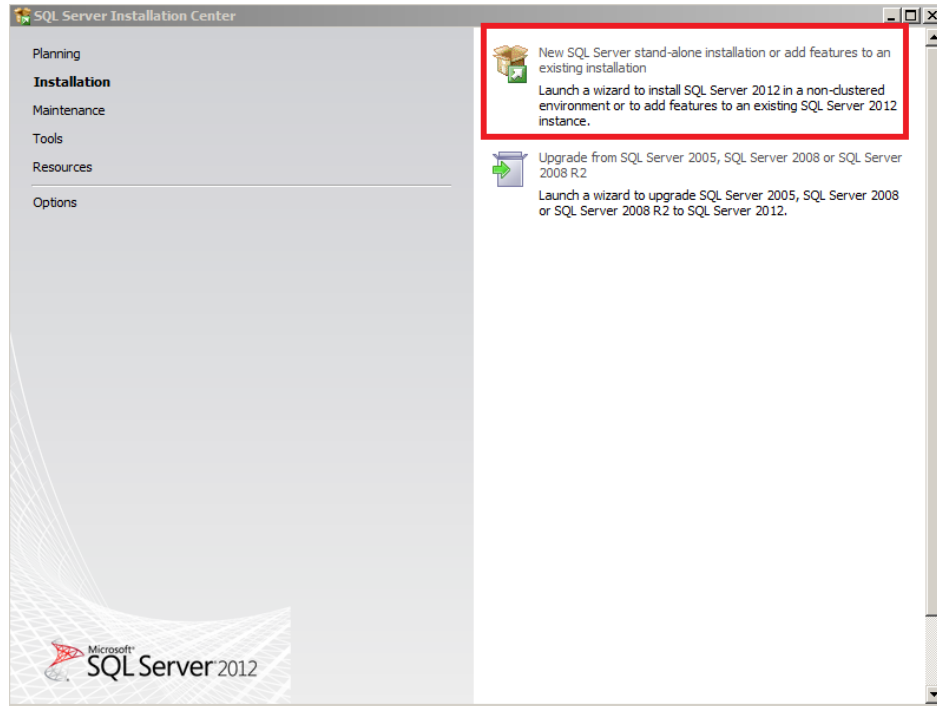
<input type="checkbox"/> File Name	Size
<input type="checkbox"/> ENU\x86\SQLEXPR_x86_ENU.exe	116.7 MB
<input type="checkbox"/> ENU\x86\SQLEXPR32_x86_ENU.exe	101.5 MB
<input type="checkbox"/> ENU\x86\SQLEXPRADV_x86_ENU.exe	1.3 GB
<input type="checkbox"/> ENU\x86\SQLEXPRWT_x86_ENU.exe	706.1 MB
<input type="checkbox"/> ENU\x86\SqLocalDB.MSI	27.8 MB
<input type="checkbox"/> ENU\x86\SQLManagementStudio_x86_ENU.exe	614.9 MB

Download Summary:

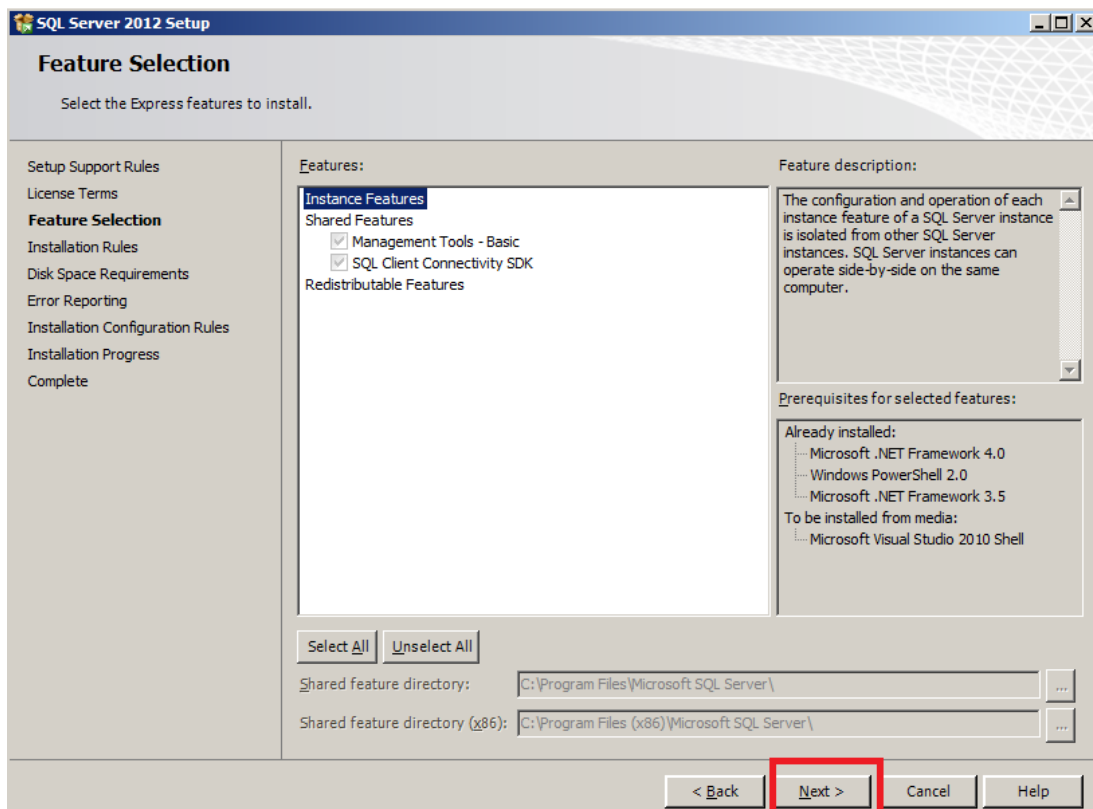
You have not selected any file(s) to download.

Total Size: 0

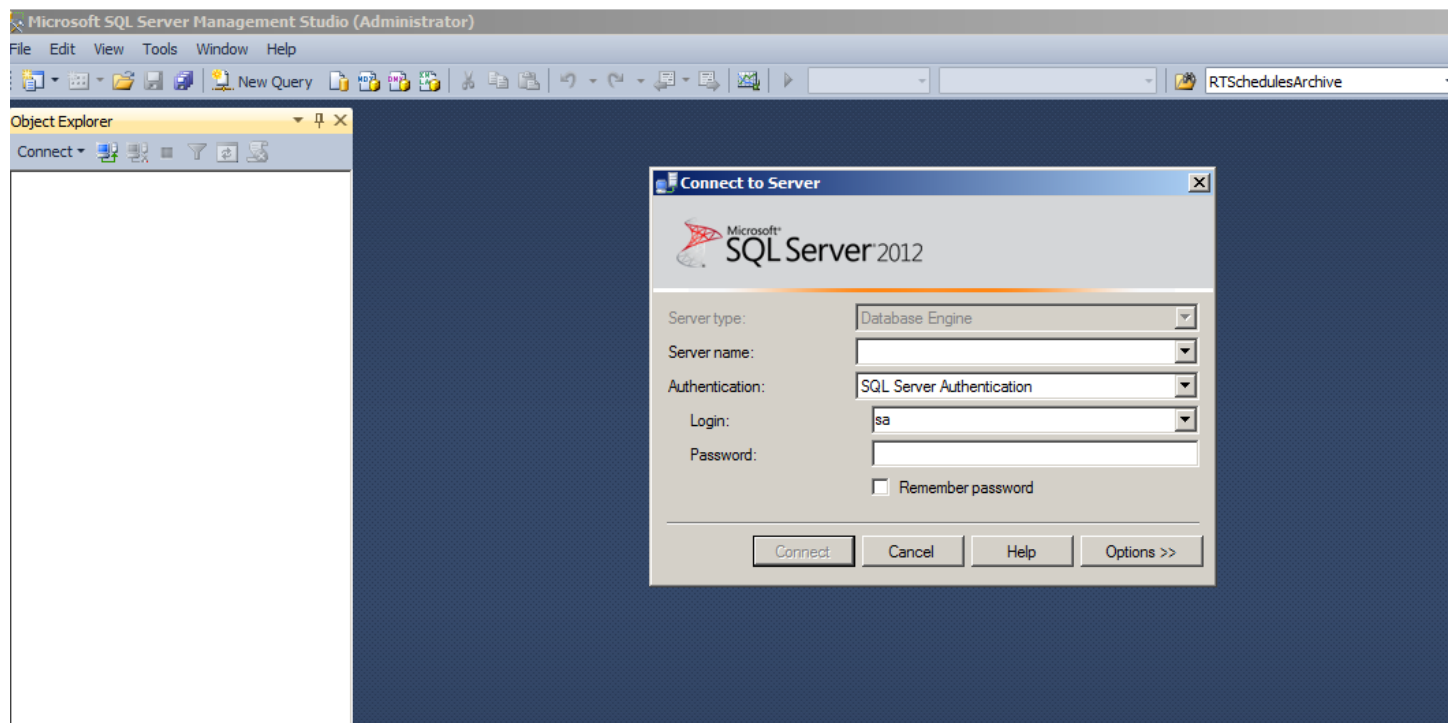
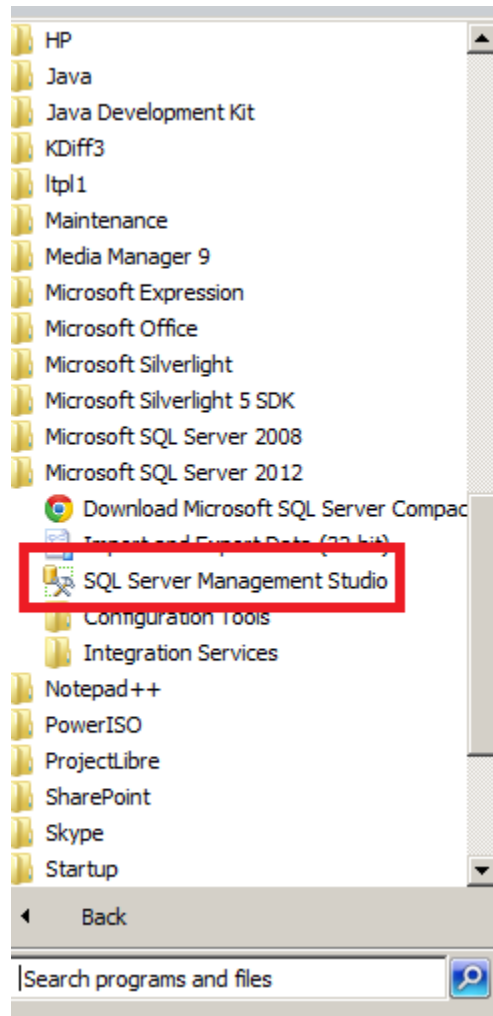
- 2- You may also check “Install Instructions” on same page. Once downloading is complete, you may run the downloaded file to start the installation.



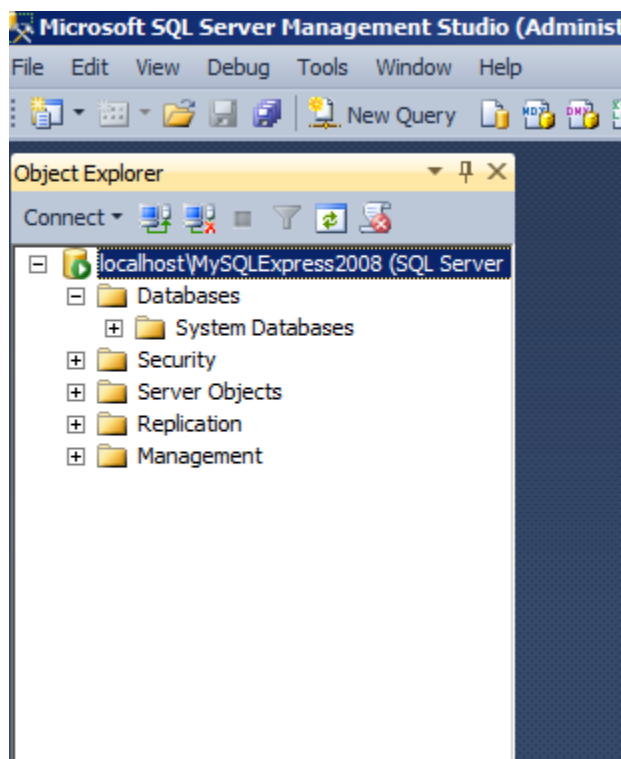
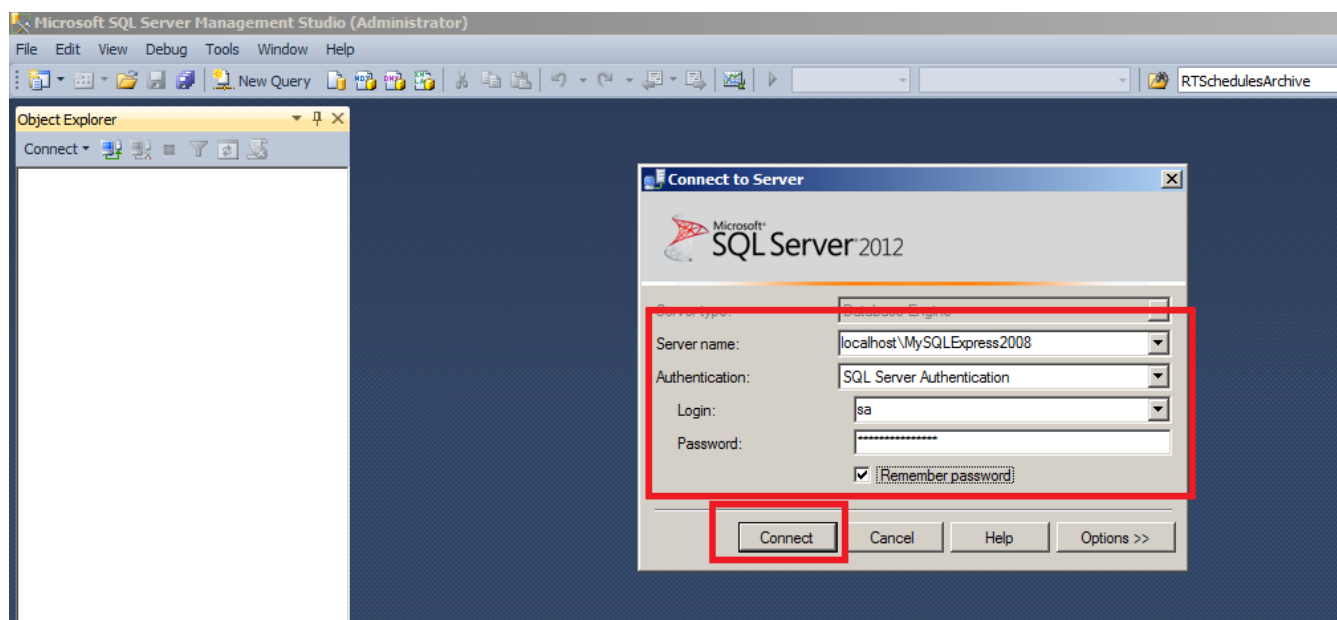
- 3- Choose Next.
4- Choose Next.



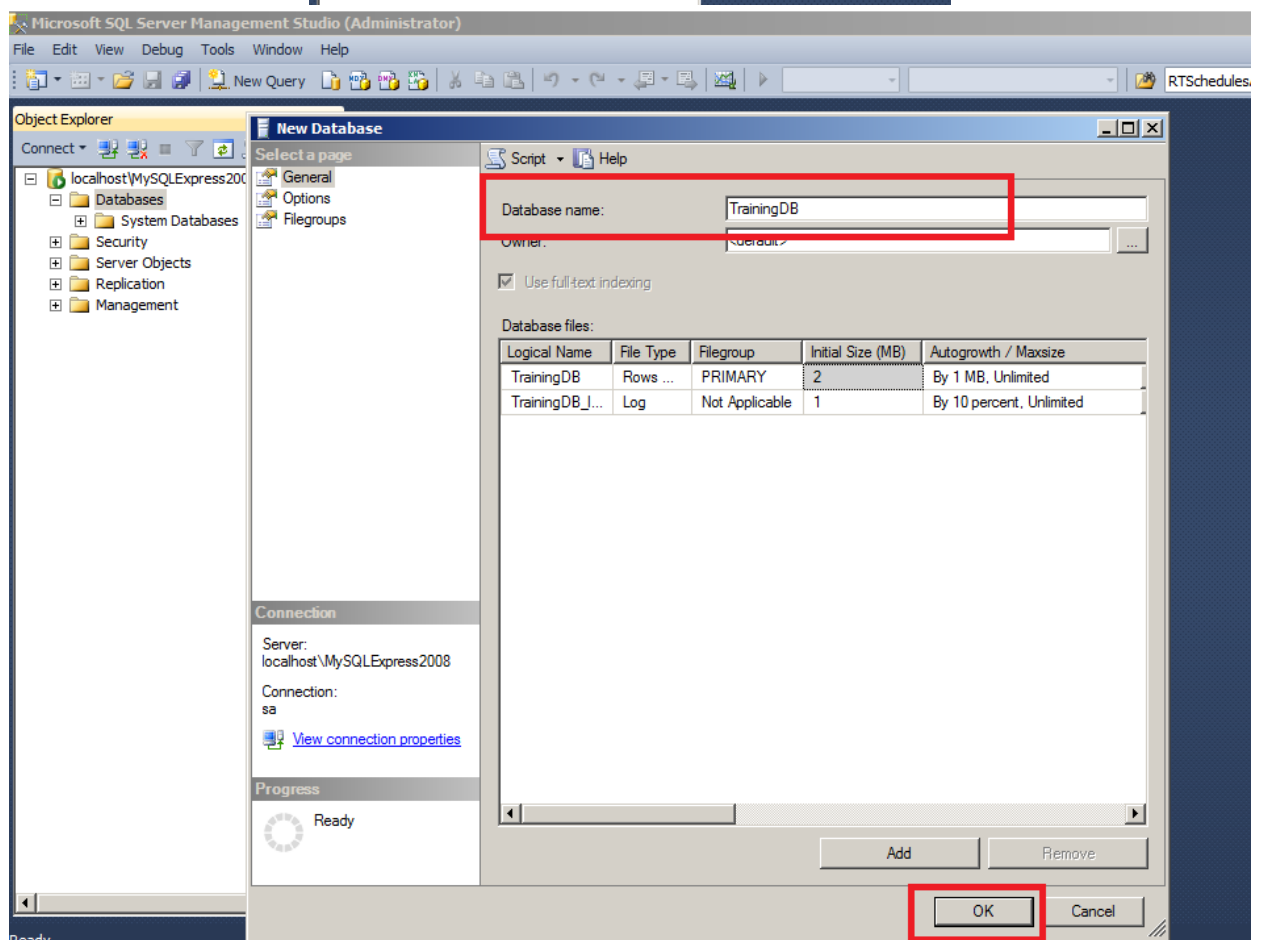
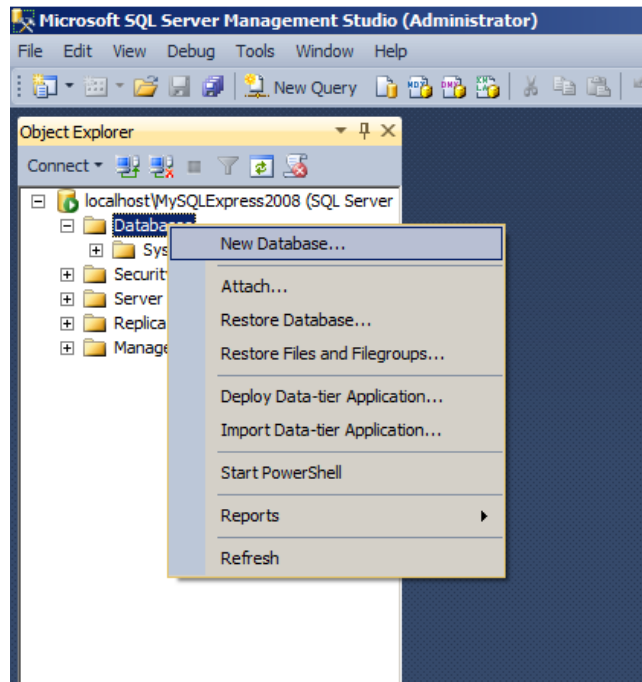
- 5- After this keep going through the screens and finish the installation. Once installation is completed, You may go to start menu and run "SQL Server Management Studio" file



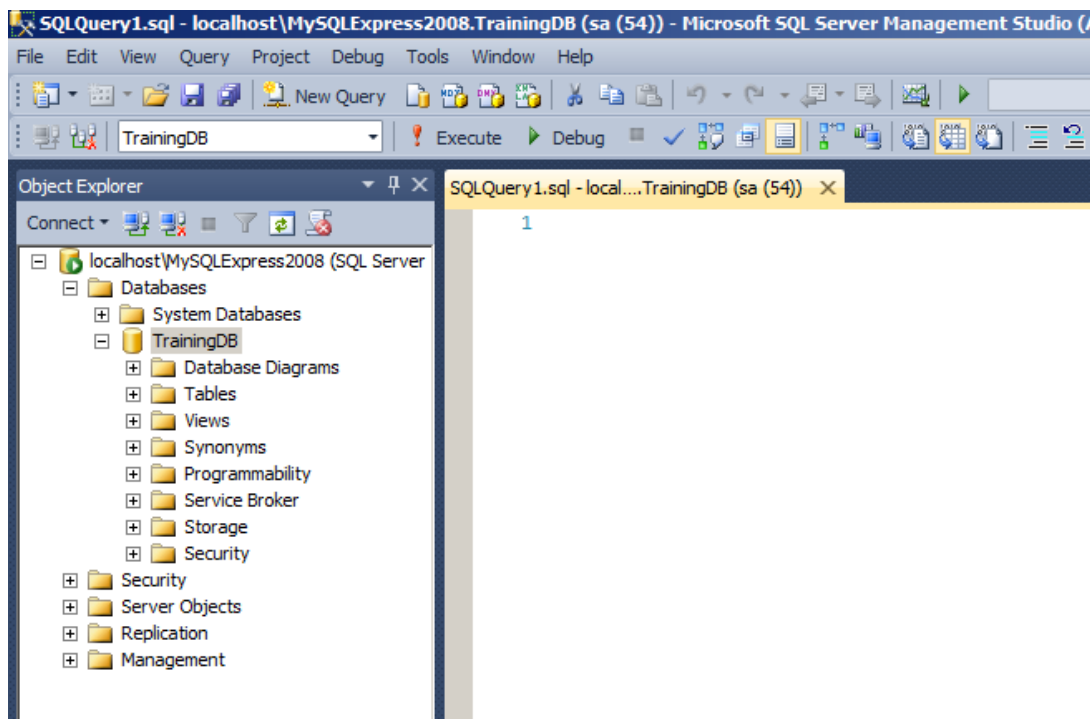
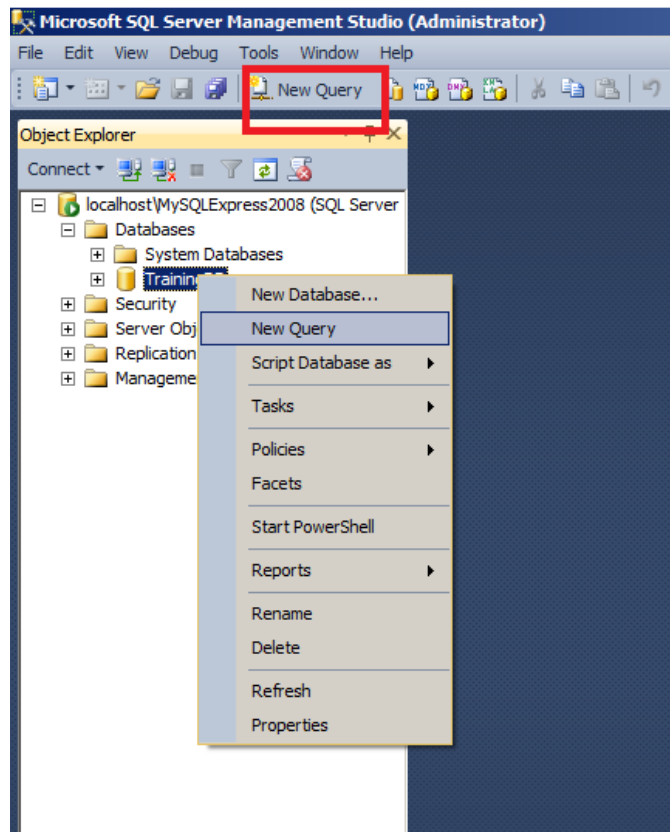
- 6- Here we need to provide Server Name. In first part of this tutorial, we've created our "SQL Server Engine service" and have named that as "MySQLExpress2008". We'll also have to use computer name before this instance name. We may use localhost instead of computer name.
- We are going to use "SQL Server Authentication" mechanism. It means we'll have to provide SQL Server user credentials here. We've set the password of "sa" to "P@ssword12345" in part 1.



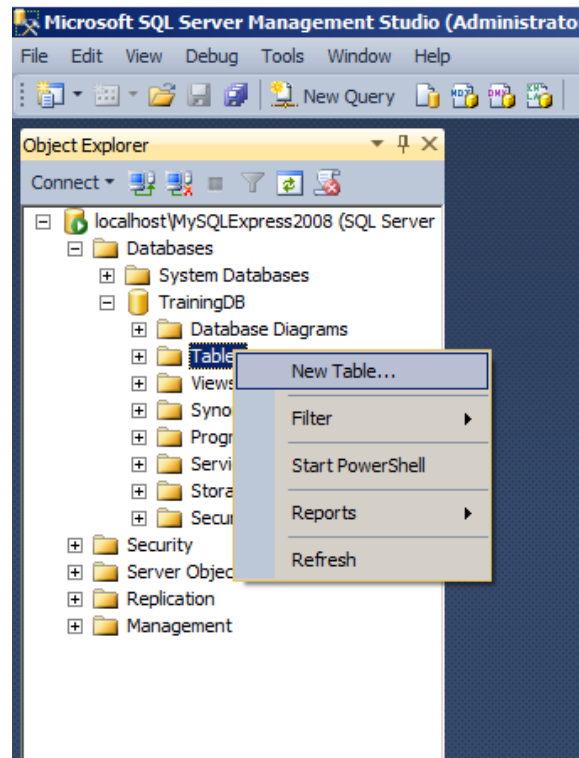
7- To create a new database, you may right click on “Databases” folder and choose “New Database”



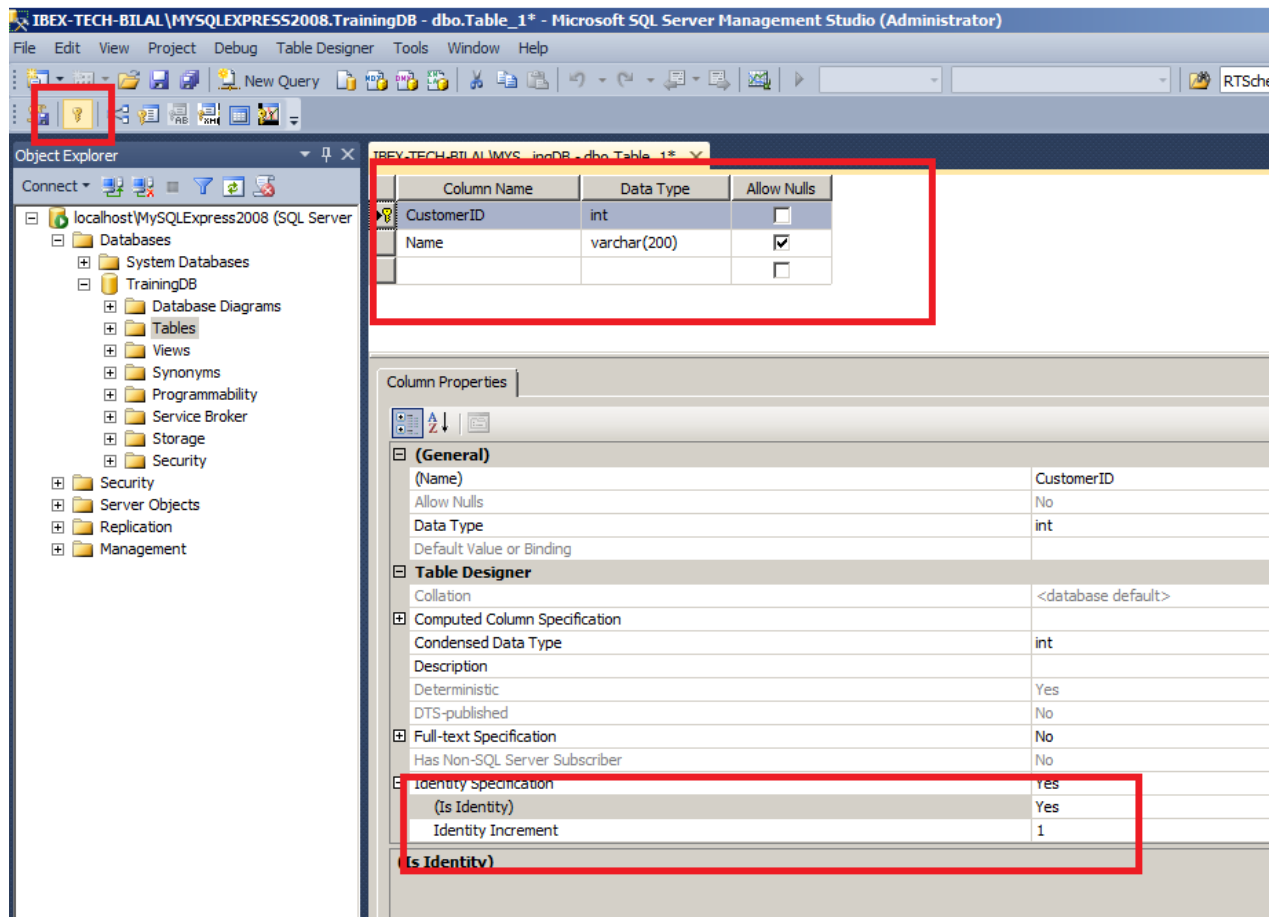
8- To open a new query window, you may right click on “TrainingDB” database and choose “New Query”.



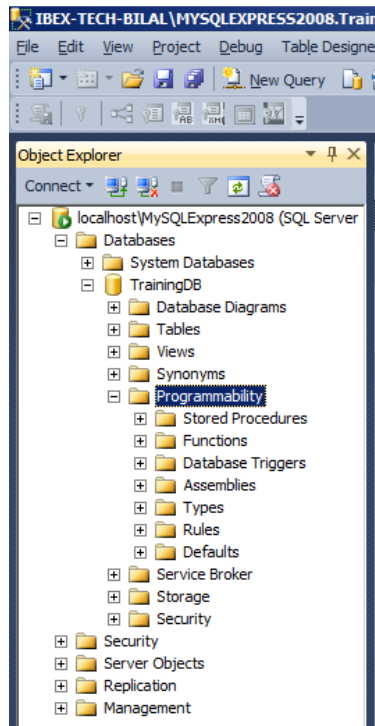
9- For New Table



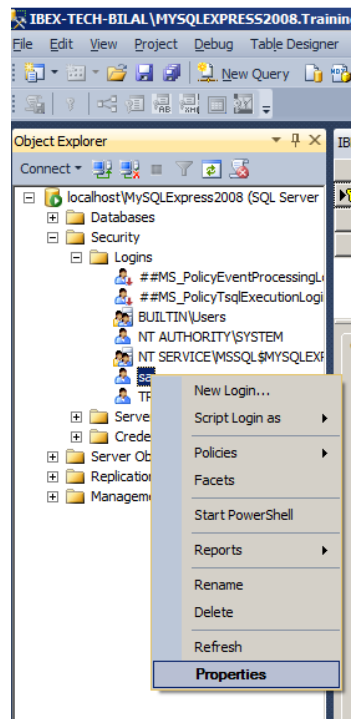
10- To Set “Primary Key”, You may use icon at toolbar. If you to make a column “auto generated”, you may use “Is Identity” property once column (e.g. Customer ID) is selected.

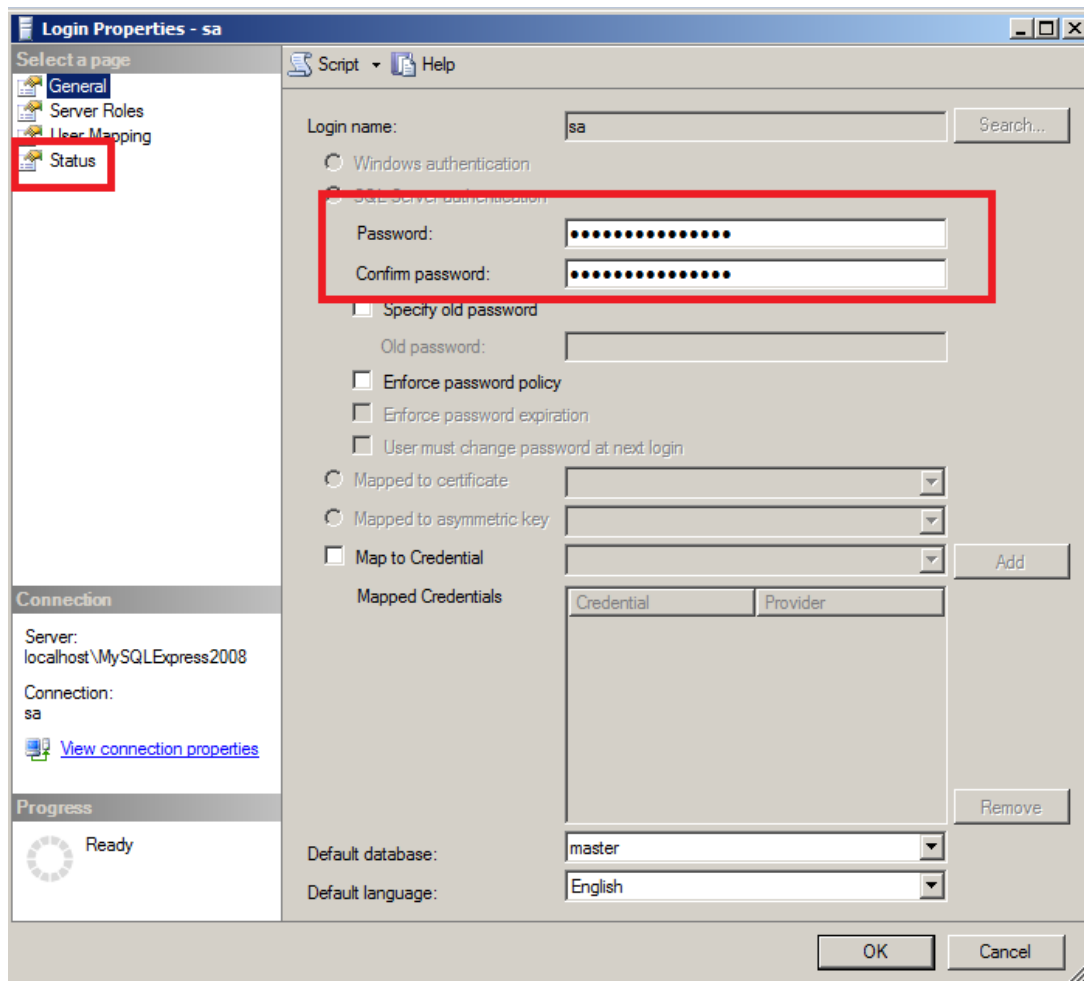


11- You may check “programmability” folder to create stored procedures, functions, views etc.



12- If you want to change the password of “sa”, you may use “security” folder. You may right click on “sa” and choose properties to change the password. On “properties” window, you may also check “status” tab to check if account is locked or not.





13- Now We know following information (and we we'll use this to connect to this)

Database Server Name: Machine_Name\MySQLExpress2008

Database Name: TrainingDB

User Id: sa

Password: P@ssword12345

14- This is the connection string we've defined in our First home work of ASP.NET MVC.

