# MS SQL Server 2008 Express Edition Step by Step Installation Guide

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#### 1) Download the software depend on your operating system version (32 bit or 64 bit)

Microsoft<sup>®</sup> SQL Server<sup>®</sup> 2008 R2 SP2 - Express Edition <u>https://www.microsoft.com/en-us/download/details.aspx?id=30438</u> Microsoft<sup>®</sup> SQL Server<sup>®</sup> 2008 Management Studio Express <u>https://www.microsoft.com/en-in/download/details.aspx?id=7593</u>

During installation, if asked for following dependent software, download using the below link

Microsoft .NET Framework 3.5 SP1 (Offline installation package) is available at <u>https://www.microsoft.com/en-in/download/details.aspx?id=25150</u> Microsoft .NET Framework 3.5 SP1 (Online installation package) is available at <u>https://www.microsoft.com/en-in/download/details.aspx?id=22</u> Microsoft Windows Installer 4.5 is available at <u>https://www.microsoft.com/en-in/download/details.aspx?id=8483</u>

https://www.microsoft.com/en-in/download/details.aspx?id=30438 Microsoft® SQL Server® 2008 R2 SP2 - Express Edition • Check your laptop English Download Select Language: Operating system version 32 bit or 64 bit? Microsoft SQL Server 2008 R2 Express with Service Pack 2 is a free and feature-rich Download below database for developing and deploying SQL Server 2008 R2. software according to OS version Details Note: There are multiple files available for this download. Once you click on the "Download" button, you will be prompted to select the files you need. Download SQL Server Enterprise Version: Date Publishe Edition 64 Bit Download SQL 10.50.4000.0 26-07-2012 Server Enterprise Edition 32 Bit **File Name** File Size SQLEXPR\_x86\_ENU.exe 110.4 MB SOLEXPR x64\_ENU.ex 122.4 MB SQLEXPR32 x86 ENU.exe 97.4 ME SQLEXPRADV\_x64\_ENU.exe 1,008.6 MB Download SQL SQLEXPRADV\_x86\_ENU.exe 894.1 MB Management Download SQL SQLEXPRWT\_x64\_ENU.exe 340.5 MB Studio 64 Bit SQLEXPRWT\_x86\_ENU.exe 318.4 MB Management Studio 32 Bit SQLManagementStudio x64 ENU.ex 161.0 MB SOI ManagementStudio x86 ENU.exe 158.3 MB

- 2) Make sure you logged in as Administrator, Double click the downloaded software. Select version based on your Operating system
  - SQLEXPR\_x64\_ENU.exe → for 64 bit Operating system
  - SQLEXPR\_x86\_ENU.exe → for 32 bit Operating system

| SQLEXPR_x64_ENU,exe | 5/24/2017 3:22 PM | Application | 125,324 KB |
|---------------------|-------------------|-------------|------------|
| SQLEXPR_x86_ENU.exe | 5/24/2017 1:18 PM | Application | 97,620 KB  |

#### 3) Package will be extracted as show below

•



#### 4) In SQL Server Installation Center, Select and Click "New Installation ..." option



#### 5) Click checkbox "Accept the license terms" and click "Next" button



### 6) Click "Install" button

| 🃸 SQL Server 2008 R2 Setup                            |   |   | – 🗆 X          |  |
|---|---|---|----------------|--|
| Setup Support Files<br>Click Install to install Setup | Support files. To install or update SQI | . Server 2008 R2, these files are required                  | ı.             |  |
| License Terms   | The following components                | The following components are required for SQL Server Setup: |                |  |
| Setup Support Files                                   | Feature Name                            | Status  |                |  |
|   | Setup Support Files                     |   |                |  |
|   | ExecuteCalculateScenarioWe              | orkflow   |                |  |
|   |   | < Back  | Install Cancel |  |

### 7) Wait for some time to complete the current operation



### 8) Click "Next" button to Run Rule check

| 🐮 SQL Server 2008 R2 Setup   | _  |         |
|--|--|---------|
| Setup Support Rules  |  |         |
| Setup Support Rules identify pro<br>corrected before Setup can cont  | oblems that might occur when you install SQL Server Setup support files. Failures must be<br>inue. |         |
| Setup Support Rules<br>Feature Selection<br>Installation Rules<br>Instance Configuration<br>Disk Space Requirements<br>Server Configuration<br>Database Engine Configuration<br>Error Reporting<br>Installation Configuration Rules<br>Installation Progress<br>Complete | Rule check in progress Show details >>   | Re-run  |
|  | < Back Next > Cancel   | Help .: |

#### 9) Click "Select All" button to select All the checkboxes and Click "Next" button



# 10) Select "Default instance or Named instance" of your choice. Provide instance name in case of Named instance and click "Next" button

| 🐮 SQL Server 2008 R2 Setup   |   |                     |   |                        | - 🗆 X                                       |
|--|---|---------------------|---|------------------------|---|
| Instance Configuration<br>Specify the name and instance I  | D for the instance of SQL S   | Server. Instance IE | ) becomes part of th                                | You c<br>defau<br>Name | an use the<br>It instance or<br>d Instance. |
| Setup Support Rules<br>Feature Selection<br>Installation Rules<br>Instance Configuration<br>Disk Space Requirements<br>Server Configuration<br>Database Engine Configuration<br>Error Reporting<br>Installation Configuration Rules<br>Installation Progress<br>Complete | O Default instance     In cas     Instan     SQLExpress     Instan     Instan     Instan     Instan |                     | case of Named<br>stance, Provide<br>stance Name and |                        |   |
|  | Instance ID:<br>Instance root directory   | SQLExpress          | iles\Microsoft SQL S                                | Gerver                 | e same or<br>ent.                           |
|  | SQL Server directory:<br>Installed instances:   | C:\Program Fi       | les\Microsoft SQL S                                 |                        | ory   |
|  | Instance Name   | Instance ID         | Features  | Edition                | Version                                     |
|  |   |                     |   |                        |   |
|  |   |                     | < Back  | Next > Can             | cel Help                                    |

# 11) No change required in this screen, click "Next" button

| 📸 SQL Server 2008 R2 Setup  |   |  |                 | - 0             | ×    |
|---|---|--|-----------------|-----------------|------|
| Server Configuration Specify the service accounts and                 | collation configuration.                |  |                 |                 |      |
| Setup Support Rules<br>Feature Selection<br>Installation Rules        | Service Accounts Collatio               | n<br>hat you use a separate account for each SC  | QL Server serv  | vice.           |      |
| Instance Configuration  | Service                                 | Account Name                                     | Password        | Startup Typ     | e    |
| Disk Space Requirements   | SQL Server Database Eng                 | Ine NT AUTHORITY\NETWORK SERVICE                 |                 | Automatic       | ~    |
| Server Configuration  | SQL Server Browser                      | NT AUTHORITY\LOCAL SERVICE                       |                 | Disabled        | ~    |
| Installation Configuration Rules<br>Installation Progress<br>Complete | No change<br>here. Leave<br>default Ser | Use the same acco<br>required<br>a it as<br>vice | ount for all SC | QL Server servi | ices |
|   |   | < Back Next >                                    | Cancel          | Н               | elp  |

12) Select Authentication mode. In Windows Authentication Mode, you can use windows login id and password. In Mixed mode, you can use either windows login & password or default userid "sa" with your own password.

| 📸 SQL Server 2008 R2 Setup   | Data storage directory can be  | X   |
|--|--|---|
| Database Engine Configuration  | changed using "Data<br>Directories"  | Select Authentication mode.   |
| Setup Support Rules Ac<br>Feature Selection Installation Rules Instance Configuration  | ount Provisioning Data Directories User Instances F<br>becify the authentication mode and administrators for th<br>uthentication Made                          | If windows authentication<br>mode is selected, use<br>windows login id and<br>password to access<br>SQL Server. |
| Disk Space Requirements<br>Server Configuration<br>Database Engine Configuration<br>Error Reporting<br>Installation Configuration Rules  | Windows authentication mode<br>Mixed Mode (SQL Server authentication and Windows<br>becify the password for the SQL Server system administra<br>iter password: | authentication)<br>stor (sa) account.   |
| Installation Progress       Complete         Select Authentication       Select Authentication         Mode.       Select Authentication | onfirm password:<br>becify 8QL Server administrators   | SQL Server<br>administrators have   |
| If Mixed Mode is<br>selected, provide<br>password and confirm<br>password. Default   | Default SQL Server Administrator n<br>will be appeared here  | ame unrestricted access to<br>the Database Engine.  |
| username is <b>Sa</b> to<br>access SQL Server.   | < Back N   | lext > Cancel Help  |

# 13) Error reporting to improve SQL server feature. If you wish to send error report to Microsoft, check the checkbox in the below screen

| 🐮 SQL Server 2008 R2 Setup   | :  | × |
|--|--|---|
| Error Reporting<br>Help Microsoft improve SQL Sen<br>Setup Support Rules<br>Feature Selection                                    | ver features and services. Specify the information that you would like to automatically send to Microsoft to improve future releases of SQL Server. These settings are optional. Microsoft treats this information as confidential.  |   |
| Installation Rules<br>Instance Configuration<br>Disk Space Requirements<br>Server Configuration<br>Database Engine Configuration | Microsoft may provide updates through Microsoft Update to modify feature usage data. These<br>updates might be downloaded and installed on your machine automatically, depending on your<br>Automatic Update settings.<br>See the SQL Server 2008 R2 Privacy Statement for more information. |   |
| Error Reporting<br>Installation Configuration Rules<br>Installation Progress<br>Complete   | Read more about Microsoft Update and Automatic Update.   |   |
|  | < Back Next > Cancel Help  |   |

# 14) Click "Next" button to proceed Installation

| 🃸 SQL Server 2008 R2 Setup   |                                |        | 5 <u></u> |      | × |
|--|--------------------------------|--------|-----------|------|---|
| Installation Progress  |                                |        |           |      |   |
| Setup Support Rules<br>Feature Selection<br>Installation Rules<br>Instance Configuration<br>Disk Space Requirements<br>Server Configuration<br>Database Engine Configuration<br>Error Reporting<br>Installation Configuration Rules<br>Installation Progress<br>Complete | Setting feature install state. |        |           |      |   |
|  |                                | Next > | Cancel    | Help |   |

# 15) Installation Success window. If you get the success message, installation is completed successfully. If you get error, try to reinstall again.

| 髋 SQL Server 2008 R2 Setup   | – o ×  |  |  |  |  |
|--|--|--|--|--|--|
| Complete<br>Your SQL Server 2008 R2 install  | ation completed successfully.  |  |  |  |  |
| Setup Support Rules<br>Feature Selection<br>Installation Rules<br>Instance Configuration<br>Disk Space Requirements<br>Server Configuration<br>Database Engine Configuration<br>Error Reporting<br>Installation Configuration Rules<br>Installation Progress | Summary log file has been saved to the following location:<br>C:\Program Files\Microsoft SQL Server\100\Setup Bootstrap\Log\20170524 154752<br>\Summary Umasankar 20170524 154752.txt<br>Information about the Setup operation or possible next steps:<br>Vour SQL Server 2008 R2 installation completed successfully.<br>SQL Server Installation successs<br>message will be appeared.<br>Reinstall SQL Server, if the<br>installation is failure.  |  |  |  |  |
|  | Supplemental Information:          The following notes apply to this release of SQL Server only. <ul> <li>Microsoft Update</li> <li>For information about how to use Microsoft Update to identify updates for SQL Server 2008 R2, see the Microsoft Update Web site at <a href="http://go.microsoft.com/fwlink/?Linkld=108409">http://go.microsoft.com/fwlink/?Linkld=108409</a>.               Samples              <ul> <li>Microsoft Update</li> <li>Microsoft Update Web site at <a href="http://go.microsoft.com/fwlink/?Linkld=108409">http://go.microsoft.com/fwlink/?Linkld=108409</a>.</li> </ul></li></ul> |  |  |  |  |
|  | Close Help   |  |  |  |  |