Install and Configure SQL Server 2008 R2 Express

This document will guide you through the process of installing and configuring **SQL Server 2008 R2 Express**.

For additional information and/or questions please feel free to contact our support group at support@loanservicingsoft.com or 1-800-993-1839 x2.

DownloadSQL Server 2008 R2 Express

First, you will need to download SQL Server 2008 R2 Express. You have two options to download. You can either download SQL Server 2008 R2 Express without any management tools (~70 MB) from http://www.microsoft.com/download/en/details.aspx?id=3743 or you can download SQL Server 2008 R2 Express with Management Tools (~250 MB) from http://www.microsoft.com/download/en/details.aspx?id=3743 or you can download SQL Server 2008 R2 Express with Management Tools (~250 MB) from http://www.microsoft.com/download/en/details.aspx?id=3743 or you can download SQL Server 2008 R2 Express with Management Tools (~250 MB) from http://www.microsoft.com/download/en/details.aspx?id=23650

We recommend installing "SQL Server 2008 R2 Express with Tools", it is worth the extra 150 MB to be able to troubleshoot your SQL Server if anything ever goes wrong. You will have to download the specific setup package depending on your server architecture (32 bits or 64 bits).

Install SQL Server 2008 R2 Express

SQL Server 2008 R2 Express requires .NET Framework 3.5 SP1, if your server does not have .NET Framework 3.5 SP1 you will need to download .NET Framework 3.5 SP1 and install it on your server. You can download .NET Framework 3.5 SP1 from http://go.microsoft.com/fwlink/?LinkId=120550

SQL Server 2008 R2 Express requires Windows Installer 4.5, if your server does not have Windows Installer 4.5 you will need to download Windows Installer 4.5 and install it on your server. You can download Windows Installer 4.5 from http://go.microsoft.com/fwlink/?LinkId=123422

SQL Server 2008 R2 Express requires Windows PowerShell 1.0, if your server does not have Windows PowerShell 1.0 you will need to download Windows PowerShell 1.0 and install it on your server. You can download Windows PowerShell 1.0 from http://go.microsoft.com/fwlink/?Linkld=190527

When you are ready to install SQL 2008 R2 Express, follow these steps:

- 1. Run SQLEXPRWT_x86_ENU.EXE (or SQLEXPRWT_x64_ENU) to install SQL 2008 R2 Express.
- 2. Launch the package, you will then see the contents extracted to a temporary location.



3. SQL Server Setup checks to determine pre-reqs are installed. If not, you will be prompted to install.



4. At the "SQL Server Installation Center", choose "System Configuration Checker" to make sure you are ready to install SQL 2008 R2 Express

😫 SQL Server Installation Center		
Planning Installation Mantenance Tools Resources Advanced	Hardware and Software Requirements. Wew the hardware and software requirements. Security Documentation Wew the security documentation. Doine Release Notes View the latest information about the release.	
Optors	System Configuration Checker Launch a tool to check for conditions that prevent a successful SQL Server installation. Image: Configuration Checker Upgrade Advisor analyzes any SQL Server 2005 or SQL Server 2000 components that are in and identifies issues to fix either before or after you upgrade to SQL Server 2008. Image: Checker Installation High Checker Installation High Launch the online installation documentation. Image: Checker Installation of the server 2008 Fallower Clustering Read instructions on how to get started with SQL Server 2008 failower dustering. Image: Documentation 2005 Server 2008 frain SQL Server 2008 frain SQL Server 2009 or SQL Server 2008 frain SQL Server 2009 or SQL Server 2009 or SQL Server 2008 frain SQL Server 2009 or SQL Server 2009 frain SQL Server 2009 or SQL Server 2009 frain SQL Server 2009 or SQL Server 2009 frain SQL Server 2009 frain SQL Server 2009 or SQL Server 2009 frain SQL Server 2009 frain SQL Server 2009 or SQL Server 2009 frain SQL Server 2009	staled . Server
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- 5. After the "System Configuration Checker" has validated that you are ready to install SQL 2008 R2 Express, return to the "SQL Server Installation Center" and click on "New installation or add feature to an existing installation" to start the Installation Wizard.
- 6.



7. Accept the license terms.

, you must accept the Microsoft Software License Terms.
MICROSOFT SOFTWARE LICENSE TERMS
Image: Send Feature usage data to Microsoft. Feature usage data includes information about your hardware configuration and how you use SQL Server and its components. See the Microsoft SQL Server 2008 R2 Privacy Statement for more information.



8. When the Setup Support Files install is complete, click Next. You will now be in the "Feature Selection" page. Select "Database Engine Services" and "Management Tools - Basic" and then click Next.

ervices features to install.	
Eestures:	Description:
Instance Features Subtabase Engine Services SQL Server Replication FullText Search Rechard Features Management Tools - Basic Subtabase Sintelligence Development Studio Management Tools - Basic SQL Clenk Connectivity SDK Microsoft Sync Framework Rechaributable Features	Server features are instance-aware and have their own registry hives. They support multiple instances on a computer.
Select All Linselect All Shared feature directory: C:UProgram FilesUMicrosoft SQL	Server\
	ervices features to install.

9. On the Instance Configuration screen, select Default instance, and then click Next.

SQL Server 2008 R2 Setup					_D>
Instance Configuration Specify the name and instance ID) for the instance of SQL Ser	ver. Instance ID bec	omes part of the insta	lation path.	
Setup Support Rules License Temis Pesture Selection Installison Rules Instance Configuration Database Engine Configuration Reporting Services Configuration Error Reporting Installisticon Configuration Rules Installisticon Configuration Rules Installisticon Configuration Rules	 ♀ <u>D</u>efault instance ← Named instance: 	SQLExpres	1		
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	SQL Server directory: Reporting Services dir Instaljed instances:	C:\Program ectory: C:\Program	Files)Microsoft SQL Se Files(Microsoft SQL Se	rver(M55QL10_50.5QL rver(M5R510_50.5QLE	Express2008R2 xpress2008R2
Complete	Instance Name	Instance ID	Features	Edition	Yersion
			< Back	Next >	Cancel Help



10. Review the credentials that will be used for the services that will be created. Click the "Use the same account for all SQL Services"

🚼 SQL Server 2008 R2 Setup	the local division of				_0
Server Configuration Specify the service accounts and col	lation configuration.				
Setup Support Rules License Terms	Service Accounts Collation				
Installation Rules	Service	Account Name	Password	aword Startup Type	
Instance Configuration	SQL Server Database Engine	sglexpress		Automatic	-
Disk Space Requirements	SQL Server Reporting Services	sglexpress		Automatic	•
Server Configuration	SQL Full-text Filter Daemon Launcher	sglexpress		Manual	
Database Engine Configuration	SQL Server Browser	NT AUTHORITY LOCAL S		Disabled	
Complete					
		< gack	Next >	ancel	Help

11. Review the Authentication Mode and the administrators that will be added to the Database Engine. For security reasons we recommend enabling Mixed Mode. If you choose Mixed Mode, you will need to enter and confirm a password for the SA account.

SQL Server 2008 R2 Setup		-101 ×
Database Engine Config Specify Database Engine authentica	juration	
Setup Support Rules License Terms Feature Selection Instalation Rules Instance Configuration Disk Space Requirements Server Configuration Database Engine Configuration Reporting Services Configuration Error Reporting Instalation Configuration Rules Instalation Configuration Rules Instalation Progress Complete	Account Provisioning Data Directories FILESTREAM Specify the authentication mode and administrators for the Database Engine. Authentication Mode C Windows authentication mode © Mindows authentication mode © Mindows authentication) Specify the password for the SQL Server authentication and Windows authentication) Specify the password:	0
	< Back Dext > Cancel He	alp



12. Click "Next" on the Review the Error Reporting page.



- 13. On next page press "Close" to complete the wizard and begin the installation.
- 14. When the installer completes, click Next and then Close.

Enable TCP/IP

Now that SQL 2008 Express is installed, we need to configure the Network options that are disabled by default.

- 1. In the Start Menu, open Programs > Microsoft SQL Server 2008 > Configuration Tools > SQL Server Surface Area Configuration
- 2. In the Surface Area Configuration utility, click the link "SQL Server Configuration Manager"
- 3. Expand "SQL Server Network Configuration" and select Protocols.
- 4. Enable TCP/IP. If you need Named Pipes, then you can enable them here as well.
- 5. Close the SQL Server Configuration Manager.

Add Firewall Exceptions

If you have a software firewall installed on your server, you will need to add exceptions for the SQL Server and SQL Browser services. If you are using Windows Firewall, do the following:



- 1. In your Control Panel, open the Windows Firewall applet.
- 2. Go to the Exceptions tab.
- 3. Click Add Program
- Browse to and select "C:\Program Files\Microsoft SQLServer\MSSQL.10\MSSQL\Binn\sqlservr.exe" (the path depends on your SQL Server 2008 R2 Express installation folder).
- 5. Click OK.
- 6. Click Add Program
- 7. Browse to and select "C:\Program Files\Microsoft SQL Server\90\Shared\sqlbrowser.exe" (the path depends on your SQL Server 2008 R2 Express installation folder).
- 8. Click OK and then click OK again.
- 9.

If you are using a third-party software firewall, you will need to follow their instructions to add exceptions to sqlservr.exe and sqlbrowser.exe.

Restart the Services or Reboot the Server

When you have completed all of these steps, you will need to restart the SQL Server and SQL Browser services to complete the process. If you still have problems, you may need to restart your server.

