GFI LanGuard[®]

Installation of SQL Express 2008 R2 for GFI LanGuard

GFI LanGuard®

Prepared by the Product Management Team at New Boundary Technologies in June 2013 for the launch of GFI LanGuard.

Contact us today!

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This document covers the recommended installation of SQL Express 2008 R2 as the backend database for GFI LanGuard. These instructions will assist you in installing SQL Express 2008 R2 using SQL authentication account. It will also configure all users that would fall into the Local Administrators group to be Administrators over SQL (SysAdmin). Your organization may have its own requirements for installing and securing SQL or SQL Express; if so, follow those.

First you'll need to download and install SQL 2008 R2 with Management Tools. Use the link below to download the correct version for your Server, paying attention to 32-bit vs. 64-bit.

http://www.microsoft.com/en-us/download/details.aspx?id=22985

Once you've downloaded the correct version of SQL Express 2008 R2, launch the installer on the server where you plan to install GFI LanGuard. When you launch the installer for SQL Express2008 R2 you'll see the following screen, choose *Run*.

Open File - Security Warning			
Do you	u want to run this file?		
	Name:ith Management Tools\SQLEXPRWT_x64_ENU.exe Publisher: <u>Microsoft Corporation</u>		
	Type: Application		
	From: \\mendel\downloads\microsoft\SQL\2008 R2 Expre		
	Run Cancel]	
⊠ Al <u>w</u> a	ays ask before opening this file		
	While files from the Internet can be useful, this file type can potentially harm your computer. Only run software from publishers you trust. <u>What's the risk?</u>		

Next you'll see a screen labeled SQL Server Installation Center. Pick the option "New Installation or add features to an existing installation."

🚼 SQL Server Installation Center	
Planning Installation	New installation or add features to an existing installation. Launch a wizard to install SQL Server 2008 R2 in a non-clustered environment or to add features to an existing SQL Server 2008 R2 instance.
Tools Resources	 Upgrade from SQL Server 2000, SQL Server 2005 or SQL Server 2008 Launch a wizard to upgrade SQL Server 2000, SQL Server 2005 or SQL Server 2008 to SQL Server 2008 R2.
Advanced Qptions	Search for product updates Search Microsoft Update for SQL Server 2008 R2 product updates.
Marcader	
SQL Server 2008 R2	

Accept the EULA for Microsoft SQL Express 2008 R2.

SQL Server 2008 R2 Setup	
To install SQL Server 2008	R2, you must accept the Microsoft Software License Terms.
License Terms Setup Support Files	MICROSOFT SOFTWARE LICENSE TERMS MICROSOFT SQL SERVER 2008 R2 EXPRESS WITH TOOLS MICROSOFT SQL SERVER 2008 R2 EXPRESS WITH ADVANCED SERVICES These license terms are an agreement between Microsoft Corporation (or based on where you
	 live, one of its affiliates) and you. Please read them. They apply to the software named above, which includes the media on which you received it, if any. The terms also apply to any Microsoft updates, supplements,
	Internet-based services, and support services
	 I accept the license terms. 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.
	< Back Next > Cancel

Continuing with the installation, you'll next pick the features to be installed. We've unselected SQL Client Connectivity SDK, and one could probably also unselect SQL Server Replication. You'll also be able to choose the path for SQL on this screen of the install wizard.

Setup Support Rules Eeatures: Description: Feature Selection Installation Rules Installation Rules Server Replication Installation Rules Server Configuration Server Replication Server Replication Server Configuration Server Replication Shared Features Server Replication Database Engine Configuration SQL Server Replication multiple instances on a computer Installation Configuration Rules SQL Clent Connectivity SDK Redistributable Features Setter Section Installation Progress Complete Select <u>A</u> <u>Unselect All</u>	SQL Server 2008 R2 Setup Feature Selection Select the Express with Advance	l Services features to install.	
Select All Unselect All Shared feature directory: C:\Program Files\Microsoft SQL Server\ Shared feature directory (x86); C:\Program Files (x86)\Microsoft SQL Server\	Setup Support Rules Feature Selection Installation Rules Instance Configuration Disk Space Requirements Server Configuration Database Engine Configuration Error Reporting Installation Configuration Rules Installation Progress Complete	Eeatures:	Description: Server features are instance- aware and have their own registry hives. They support multiple instances on a computer
		Select All Unselect All Shared feature directory: C:\Program Files\Vicrosoft SQL Server\ Shared feature directory (x86): C:\Program Files (x86)\Vicrosoft SQL Server\	er\

In the window titled Instance Configuration, either keep the default of SQL Express or change it to LanGuard or some other appropriate name. We have chosen to create an instance named LanGuard.

🍀 SQL Server 2008 R2 Setup					<u>_ </u>
Instance Configuration Specify the name and instance ID for	r the instance of SQL Serv	er. Instance ID become	s part of the installation	on path.	
Setup Support Rules Feature Selection Installation Rules Instance Configuration Disk Space Requirements Server Configuration Database Engine Configuration Error Reporting Installation Configuration Rules Installation Progress Complete	C Default instance Named instance: Instance ID: Instance root directory SQL Server directory: Installed instances: Instance Name	LanGuard LanGuard : C:\Program Files\Micro C:\Program Files\Mic	rosoft SQL Server\ rosoft SQL Server\MSS	SQL10_50.LanGuard	
			< Back	Next > Canc	el Help
			< <u>B</u> ack		

On the Server Configuration window for the SQL Express 2008 R2 installation, enable SQL Server Browser. By default this is not enabled.

🍀 SQL Server 2008 R2 Setup				
Server Configuration				
Specify the service accounts and coll	ation configuration.			
Setup Support Rules Feature Selection Installation Rules Instance Configuration	Service Accounts Collation <u>Microsoft recommends that you u</u> Service	ise a separate account for each Si	QL Server service Password	e. Startup Type
Disk Space Requirements	SQL Server Database Engine	NT AUTHORITY WETWOR		Automatic 💌
Server Configuration	SQL Server Browser	NT AUTHORITY LOCAL S		Disabled 💌
Database Engine Configuration Error Reporting Installation Configuration Rules Installation Progress Complete		<u>U</u> se the sa	me account for a	Automatic Disabled Marual all SQL Server services
		< <u>B</u> ack	<u>N</u> ext >	Cancel Help

On the next screen enable Mixed Mode (SQL Server authentication and Windows authentication). New Boundary Technologies recommends enabling SQL Authentication as the method of connectivity that GFI LanGuard. However, some organizations do not want this enabled; always follow your corporate standards.

We also recommend adding the Local Administrators Group as SQL Server administrators. Again, follow your company policy if it differs from this recommendation.

🍀 SQL Server 2008 R2 Setup	
Database Engine Config Specify Database Engine authentic	juration ation security mode, administrators and data directories.
Setup Support Rules Feature Selection Installation Rules Instance Configuration Disk Space Requirements Server Configuration Database Engine Configuration Error Reporting Installation Configuration Rules Installation Progress Complete	Account Provisioning Data Directories FILESTREAM Specify the authentication mode and administrators for the Database Engine. Authentication Mode • Windows authentication mode • Mixed Mode (SQL Server authentication and Windows authentication) Specify the password for the SQL Server system administrator (sa) account:. Enter password: ••••••••• Cgnfirm password: ••••••• Specify SQL Server administrators SQL Server administrators BUILTINVAdministrators (Administrators) SQL Server administrators Add Qurrent User Add
	< <u>B</u> ack <u>N</u> ext > Cancel Help

The rest of the installation is not specific to how SQL Express 2008 R2 will be installed, and we recommend you take the defaults to finish the installation.

If you have questions during the installation, please contact New Boundary Technologies' Technical Support group at 612-379-1851 or support@newboundary.com.