

#### **Installing Microsoft SQL 2012 Express:**

CRA Wiz and Fair Lending Wiz requires a SQL database to house the bulk of its information. Prior to installing CRA Wiz and Fair LendingWiz on a Windows 7 or 8 machine please make sure you install SQL 2012. This document will walk you through the steps of installing Microsoft SQL 2012 Express on your computer regardless if you are running Windows 7 or 8. Please download Microsoft SQL 2012 Express from the link below:

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

## Choose the download you want

File Name	Size
ENU\x64\SQLEXPR_x64_ENU.exe	132.3 MB
ENU\x64\SQLEXPRADV_x64_ENU.exe	1.3 GB
ENU\x64\SQLEXPRWT_x64_ENU.exe	669.9 MB
ENU\x64\SqlLocalDB.MSI	33.0 MB
ENU\x64\SQLManagementStudio_x64_ENU.exe	600.2 MB
ENU\x86\SQLEXPR_x86_ENU.exe	116.7 MB

If you are running a 64 Bit version of Windows Choose: ENU\x64\SQLEXPRADV\_x64\_ENU.exe

If you are running a 32 Bit version of Windows Choose: ENU\x86\SQLEXPRADV\_x86\_ENU.exe

Please note: You will need to have administrative access to install this application, if you have limited access or not familiar with configuring network protocols or server applications please reach out to your IT/Help Desk team for further assistance.

Once the setup is downloaded from Microsoft, please launch the executable file, you then will be prompted with the following choices, please make sure you select New SQL Server stand-alone installation or add features to an existing installation.



📸 SQL Server Installation Center	
Planning <b>Installation</b> Maintenance Tools	New SQL Server stand-alone installation or add features to an existing installation Launch a wizard to install SQL Server 2012 in a non-clustered environment or to add features to an existing SQL Server 2012 instance.
Resources	Upgrade from SQL Server 2005, SQL Server 2008 or SQL
Options	Server 2008 R2 Launch a wizard to upgrade SQL Server 2005, SQL Server 2008 or SQL Server 2008 R2 to SQL Server 2012.

Please allow the installation to check for updates, make sure you check off the license terms once you agree to them to continue with the installation.



🐮 SQL Server 2012 Setup	
License Terms	
To install SQL Server 2012, you	must accept the Microsoft Software License Terms.
<b>License Terms</b> Product Updates Install Setup Files	MICROSOFT SOFTWARE LICENSE TERMS         MICROSOFT SQL SERVER 2012 EXPRESS         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
	<ul> <li>summert services</li> <li>Summert services</li> <li>accept the license terms.</li> <li>Send feature usage data to Microsoft. Feature usage data includes information about your hardware configuration and how you use SQL Server and its components.</li> <li>See the Microsoft SQL Server 2012 Privacy Statement for more information.</li> </ul>
	< <u>Back</u> Cancel

You will be then prompted with the next screen in which you choose the feature selections for Microsoft SQL 2012 Express:

Please make sure the following options are selected:

Instance Features:

Database Engine Services SQL Server Replication Full-Text and Semantic Extractions for Search Reporting Services – Native

Shared Features:

SQL Server Data Tools Documentation Components Management Tools – Basic SQL Client Connectivity SDK

(See the screenshot below)



髋 SQL Server 2012 Setup			
Feature Selection Select the Express features to in	stall.		
Setup Support Rules Feature Selection Installation Rules Instance Configuration Disk Space Requirements Server Configuration Database Engine Configuration Reporting Services Configuration Error Reporting Installation Configuration Rules Installation Progress Complete	Eeatures: Instance Features Database Engine Services SQL Server Replication Full-Text and Semantic Extractions for Search Reporting Services - Native Shared Features Sauce Seatures SQL Server Data Tools Documentation Components Management Tools - Basic SQL Client Connectivity SDK LocalDB Redistributable Features	Feature description: The configuration and operation of each instance feature of a SQL Server instance is isolated from other SQL Server instances. SQL Server instances can operate side-by- side on the same computer. Prerequisites for selected features: Already installed: Microsoft .NET Framework 4.0 Windows PowerShell 2.0 Microsoft Visual Studio Tools for Applicati To be installed from media:	
	Select All       Unselect All         Shared feature directory:       C:\Program Files\Micros         Shared feature directory (x86):       c:\Program Files (x86)\W	soft SQL Server\	
	< <u>B</u> ack	Next > Cancel Help	

Instance configuration leave everything default, and click on next:

🐮 SQL Server 2012 Setup					- • •
Instance Configuration					
Specify the name and instance	ID for the instance of SQL Serve	r. Instance ID becc	omes part of the ins	tallation path.	
Setup Support Rules Feature Selection Installation Rules	<ul> <li>Default instance</li> <li>Named instance:</li> </ul>	SQLExpress			24557882
Instance Configuration Disk Space Requirements Server Configuration Database Engine Configuration	Instance ID: e Requirements directory:	SQLEXPRESS C:\Program Files	\Microsoft SQL Serv	ver\	
Reporting Services Configuration Error Reporting Installation Configuration Rules Installation Progress	SQL Server directory: Reporting Services directory: Installed instances:	C:\Program Files C:\Program Files	\Microsoft SQL Sen \Microsoft SQL Sen	ver\MSSQL11.SQLEXPF ver\MSRS11.SQLEXPRE	RESS
Complete	Instance Name Instar	nce ID Fr	eatures	Edition	Version
		< <u>E</u>	Back <u>N</u> ext	:> Cancel	Help

Server configuration please make sure the SQL server browser is set to automatic and click on next:



髋 SQL Server 2012 Setup					• <b>×</b>
Server Configuration Specify the service accounts an	d collation configuration.				
Setup Support Rules Feature Selection Installation Rules Instance Configuration	Service Accounts Collation Microsoft recommends that you use Service	a separate account for each Account Name	SQL Server servi Password	ice. Startup Type	2
Disk Space Requirements	SQL Server Database Engine	NT Service\MSSQL\$SQL		Automatic	-
Server Configuration	SQL Server Reporting Services	NT Service\ReportServer		Automatic	-
Database Engine Configuration	SQL Full-text Filter Daemon Launc	NT Service\MSSQLFDLa		Manual	
Reporting Services Configuration	SQL Server Browser	NT AUTHORITY\LOCAL		Automatic	-
Error Reporting Installation Configuration Rules Installation Progress Complete					
		< <u>B</u> ack <u>N</u> ext	> Can	cel He	lp

Database engine configuration please select mixed mode (SQL server authentication and Windows Authentication) and click on next:

📸 SQL Server 2012 Setup	
Database Engine Confi	guration
Specify Database Engine auther	ntication security mode, administrators and data directories.
Setup Support Rules Feature Selection Installation Rules Instance Configuration Disk Space Requirements Server Configuration <b>Database Engine Configuration</b> Reporting Services Configuration Error Reporting Installation Configuration Rules Installation Progress Complete	Server Configuration       Data Directories       User Instances       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:            • Confirm password:            • Specify SQL Server administrators          NA\Matthew.Monarch (Monarch, Matthew)         SQL Server administrators to the Database Engine.
	Add <u>C</u> urrent User     Add       Remove       < <u>Back</u> Mext >       Cancel

Please note: On the Database Engine Configuration screen, you can change the password. This password is independent of CRA Wiz / Fair Lending Wiz. Please check with your IT department / Help Desk to make sure the password you are choosing meets your Institution's security policies.



Reporting services configuration, select install and configure and click on next:

📸 SQL Server 2012 Setup	
Reporting Services Co	nfiguration
Specify the Reporting Services	configuration mode.
Setup Support Rules Feature Selection Installation Rules Instance Configuration Disk Space Requirements Server Configuration Database Engine Configuration <b>Reporting Services Configura</b> Error Reporting Installation Configuration Rules Installation Progress Complete	<ul> <li>Reporting Services Native Mode</li> <li>Install and configure. Installs and configures the report server in native mode. The report server is operational after setup completes.</li> <li>Install gnly. Installs the report server files. After installation, use Reporting Services Configuration Manager to configure the report server for native mode.</li> <li>Reporting Services SharePoint Integrated Mode</li> <li>Installs the report server files. After installation use SharePoint Central Administration to complete the configuration. Verify the SQL Server Reporting Services service is started and create at least one SQL Server Reporting Services service application. For more information, click Help.</li> </ul>
	< <u>B</u> ack <u>N</u> ext > Cancel Help

#### Error reporting, please click on next:

📸 SQL Server 2012 Setup	
Error Reporting	
Help Microsoft improve SQL Se	erver features and services.
Setup Support Rules Feature Selection Installation Rules Instance Configuration Disk Space Requirements Server Configuration Database Engine Configuration Reporting Services Configuration <b>Error Reporting</b> Installation Configuration Rules Installation Progress Complete	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. Microsoft may provide updates through Microsoft Update to modify feature usage data. These updates might be downloaded and installed on your machine automatically, depending on your Automatic Update settings. See the Microsoft SQL Server 2012 Privacy Statement for more information. Read more about Microsoft Update and Automatic Update. See the Microsoft SQL Server Error Reports to Microsoft or your corporate report server. This setting only applies to services that run without user interaction.
	< <u>B</u> ack <u>N</u> ext > Cancel Help

At this point the installation will start, please be aware this installation based on your PC specs. Once the Installation has been completed you should see the following messaging:



🏗 SQL Server 2012 Setup				
Complete				
Your SQL Server 2012 Installatio	n completed successfully.			
Setup Support Rules Feature Selection	Information about the Setup operation or possible r	next steps:		
Installation Bules	Feature	Status		
Instance Configuration	Management Tools - Basic	Succeeded		
	🥝 SQL Server Data Tools	Succeeded		
Disk Space Requirements	🖉 Database Engine Services	Succeeded		
Server Configuration	Full-Text and Semantic Extractions for Search	Succeeded		
Database Engine Configuration	SQL Server Replication	Succeeded		
Reporting Services Configuration	Ma Renorting Services - Native	Nicceeded		
Error Reporting				
Installation Configuration Rules	<u>D</u> etails:			
Installation Progress	Viewing Product Documentation for SQL S	erver		
Complete				
	Only the components that you use to view and manage the documentation for SQL Server have been installed. By default, the Help Viewer component uses the online library. After installing SQL Server, you can use the Help Library Manager component to download documentation to your local computer. For more information, see <u>Use Microsoft Books Online for SQL Server</u> < <u>http://go.microsoft.com/fwlink/?LinkID=224683&gt;</u> ( <u>http://go.microsoft.com/fwlink/?LinkID=</u> <u>270683</u> ) Summary log file has been saved to the following location: <u>Ci\Program Files\Microsoft SQL Server\110\Setup Bootstrap\Log\20150309_080813</u>			
	\Summary MA10WS514481 20150309 080813.bct			
		Close Help		

You will now need to configure the SQL Server to function correctly with CRA Wiz & Fair Lending Wiz. Please click on Start -> Microsoft SQL Server 2012 -> and choose SQL Server Configuration Manager:

<u>-</u>	
Microsoft SQL Server 2012	Ξ
🙋 Download Microsoft SQL Server Compa	
📴 Import and Export Data (32-bit)	
📴 Import and Export Data (64-bit)	
🥶 SQL Server Data Tools	
🗏 SQL Server Management Studio	
Configuration Tools	
💀 Reporting Services Configuration M	
🚮 SQL Server Configuration Manager	
📑 📴 SQL Server Error and Usage Reportir	
髋 SQL Server Installation Center (64-b	Ŧ
1 Back	
Search programs and files	
📀 🧭 🚞	

Once you are in the SQL Server Configuration Manager, please click on SQL Server Network Configuration. On the right you will see 3 options, shared memory, named pipes and TCP/IP these all have to be enabled. To enable any of the services, right click and click on enable.



📷 Sql Server Configuration Manager			
File Action View Help			
(m 🔿 👔 🔒 🛛			
as gl sever Configuration Wanager         File       Action         Weiler       Image: Configuration Manager (Local)         SQL Server Configuration Manager (Local)       SQL Server Network Configuration (32bit)         Image: SQL Server Network Configuration (32bit)       Image: SQL Server Network Configuration (32bit)         Image: SQL Server Network Configuration       Image: SQL Server Network Configuration         Image: SQL Server Network Configuration       Image: SQL Server Network Configuration         Image: SQL Server Network Configuration       Image: SQL Server Network Configuration         Image: SQL Server Network Configuration       Image: SQL Server Network Configuration         Image: SQL Server Network Configuration       Image: SQL Server Network Configuration         Image: SQL Network Client 11.0 Configuration       Image: SQL Network Client 11.0 Configuration	Protocol Name Shared Memory Named Pipes TCP/IP	Status Enabled Enabled	
۰ <u>۳</u> ۴			

Confirm that the SQL Services Account that you are using to run the SQL Server has permissions on the Program Files (x86 for 64 bit Machines)\ Wolters Kluwer Financial Services folder as well as the GeoData folder that you will be installing to.

Go to Start > and type Services.

Identify the account that the SQL Server instance is set to Log on As.

Note: In this example it is Local System.

In Program Files (x86 for 64 bit Machines)\Wolters Kluwer Financial Services. If the

Folder does not exist because you have not yet installed the software, go ahead and create the folder. Right-click on the folder and select Properties.

Select the Security tab and confirm or add the user you identified in Step 2 above. The user Should have Full Control of this folder.



Wolters Kluwer Financial Services Properties						
General Sharing Security Previous Versions Customize						
Object name: C:\Program Files (x86)\Wolters Kluwer Financial Se						
<u>G</u> roup or user names:						
ALL APPLICATION PACKAGES	^					
CREATOR OWNER						
Administratore (MA10) P519351\Administratore)	~					
Ta abanaa namiasiana aliak Edit	_					
APPLICATION PACKAGES Allow Deny	_					
Full control	^					
Modify						
Read & execute 🗸						
List folder contents 🗸						
Read 🗸						
Write	×					
For special permissions or advanced settings, Advanced Advanced.						
OK Cancel App	ły					

Once these changes have been made you need to restart the SQL service by going to start -> typing services and hit enter:



Programs (4)
Services
Component Services
Reporting Services Configuration Manager
services
Control Panel (6)
🔞 View local services
📑 Manage Information Cards that are used to log on to online ser
Supervision State
Allow remote access to your computer
Documents (16)
🔑 Integration Services Script Component
🌽 Integration Services Script Task
🎍 ItemTemplates
Files (21)
🔂 CRAWiz
🔀 GeocoderRuntime
🖺 Log
₽ See more results
services × Log off +
🚱 🧭 🗒

Locate: SQL Server (SQLExpress) you can choose restart service on the left hand side of the screen, or right click on the service and choose restart.

Services								
File Action View Help								
🧟 Services (Local)	Services (Local)							
	SQL Server (SQLEXPRESS)	Name	Description	Status	Startu 🔦			
		🔍 Security Center	The WSCSV	Started	Auton			
	Stop the service	🔍 Server	Supports fil	Started	Auton			
	Restart the service	🔍 Shell Hardware Detection	Provides no	Started	Auton			
		🔍 Smart Card	Manages ac		Manu			
	🔍 Smart Card Removal Policy	Allows the s		Manu				
	Provides storage, processing and	🔍 SNMP Trap	Receives tra		Manu			
	controlled access of data, and rapid	🔍 Software Protection	Enables the		Auton			
	transaction processing.	🔍 SPP Notification Service	Provides So		Manu			
		🔍 SQL Full-text Filter Daemon Launcher (SQL	Service to Ia	Started	Manu			
		🔍 SQL Server (SQLEXPRESS)	Provides sto	Started	Auton			
		🔍 SQL Server Agent (SQLEXPRESS)	Executes jo		Disabl			
		🔍 SQL Server Browser	Provides SQ	Started	Auton			
		🔍 SQL Server Reporting Services (SQLEXPRESS)	Manages, e	Started	Auton			
		🔍 SQL Server VSS Writer	Provides th	Started	Auton 🗏			
		🔍 SSDP Discovery	Discovers n		Manu 🖳			
		🔍 Storage Service	Enforces gr		Manu			
		🔍 Superfetch	Maintains a	Started	Auton			
		🧠 Symantec Endpoint Protection	Provides m	Started	Auton			
		🧠 Symantec Management Client	Provides co	Started	Manu			
		🔍 Symantec Network Access Control	Checks that		Manu 🖕			
		< <u> </u>			•			
	Extended Standard							