

GENESYS

This PDF is generated from authoritative online content, and is provided for convenience only. This PDF cannot be used for legal purposes. For authoritative understanding of what is and is not supported, always use the online content. To copy code samples, always use the online content.

SpeechMiner Administration Guide

Setting Up the SQL Server for SpeechMiner

4/4/2025

Setting Up the SQL Server for SpeechMiner

Installing SQL Server 2008 R2

In order to install SQL Server 2008 R2 for use with SpeechMiner, run the normal setup wizard and follow the instructions. To install SQL Server 2008 R2:

- 1. Run the installation program. The **SQL Server Installation Center** window opens, with the **Planning** screen open.
- 2. From the menu on the left, select **Installation**. The **Installation** screen opens.

🚼 SQL Server Installation Center	_	
Planning Installation	1	New installation or add features to an existing installation. Launch a wizard to install SQL Server 2008 R2 in a non-dustered environment or to add features to an existing SQL Server 2008 R2 instance.
Maintenance Tools Resources	1	New SQL Server failover cluster installation Launch a wizard to install a single-node SQL Server 2008 R2 failover cluster.
Advanced	៖ពិ	Add node to a SQL Server failover duster Launch a wizard to add a node to an existing SQL Server 2008 R2 failover duster.
		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.
	•	Search for product updates Search Microsoft Update for SQL Server 2008 R2 product updates.
SQL Server 2008 R2		

- 3. Select New installation or add features to an existing installation. The installation wizard opens.
- 4. Follow the on-screen instructions. When the screens mentioned below open, follow the instructions below to select the required settings and options for SpeechMiner.
- 5. From the Setup Role screen, select SQL Server Feature Installation.

SQL Server 2008 R2 Setup	
Setup Role	
install a specific configuration.	tailation option to individually select which reature components to install, or click a reature role to
Setup Support Rules Product Key License Terms Setup Role Feature Selection Installation Rules Disk Space Requirements Error Reporting Installation Conference Bules	 SQL Server Feature Installation Install SQL Server Database Engine Services, Analysis Services, Reporting Services, Integration Services, and other features. SQL Server PowerPivot for SharePoint Install PowerPivot for SharePoint on a new or existing SharePoint 2010 server to support PowerPivot data access in the farm. To use the New Server option, SharePoint must be installed but not configured. Add PowerPivot for SharePoint to: New Server All Features With Defaults
Ready to Install Installation Progress Complete	Install all features using default values for the service accounts.
	< <u>B</u> ack <u>N</u> ext > Cancel Help

6. From the **Feature Selection** screen, select the following options:

- Database Engine Services
- Reporting Services
- Client Tools Connectivity
- SQL Server Books Online
- Management Tools Basic
- Management Tools Complete

Feature Selection Select the Enterprise features to	install.	
Setup Support Rules Product Key License Terms Setup Role Feature Selection Installation Rules Instance Configuration Disk Space Requirements Server Configuration Database Engine Configuration Reporting Services Configuration Error Reporting Installation Configuration Rules Ready to Install Installation Progress	Eeatures: Instance Features Database Engine Services SQL Server Replication Full-Text Search Analysis Services Reporting Services Shared Features Business Intelligence Development Studio Ø Client Tools Connectivity Integration Services Olient Tools Backwards Compatibility Olient Tools BACkwards Compatibility Olient Tools SDK SQL Server Books Online Management Tools - Basic Management Tools - Complete SQL Client Connectivity SDK Microsoft Sync Framework	Description: Server features are instance- aware and have their own registry hives. They support multiple instances on a computer
Complete	Redistributable Features Select All Shared feature directory: C:\Program Files\Microsoft SQL Server\ Shared feature directory (x86): C:\Program Files (x86)\Microsoft SQL Server\	· ·

- 7. From the Server Configuration screen, in the Service Accounts tab, for the SQL Server Agent, SQL Server Database Engine, and SQL Server Reporting Services, do the following:
 - Enter the user account and password of the service account.
 - Under Startup Type, select Automatic.

Specify the service accounts and collation configuration. Setup Support Rules Product Key License Terms Setup Role Feature Selection Installation Rules Installation Rules Service Account Name Setup Support Rules Setup Role Feature Selection Installation Rules Installation Rules Service Account Name SQL Server Agent Ibbysql SQL Server Porting Services Database Engine Configuration Reporting Services Configuration Reporting Services Configuration Rules Ready to Install Installation Progress Complete	Server configuration					
etup Support Rules Service Accounts Collation roduct Key Microsoft recommends that you use a separate account for each SQL Server service. Service Account Name Password etup Role Service Accounts Service eature Selection Service Account Name Password stallation Rules SQL Server Agent libbysql Automatic SQL Server Database Engine libbysql Automatic SQL Server Reporting Services NT AUTHORITY/LOCAL S Disabled stallation Configuration eady to Install SQL Server Browser NT AUTHORITY/LOCAL S Disabled stallation Progress iomplete Installation Progress Let and account for all SQL Server server SQL Server server server	Specify the service accounts and co	llation configuration.				
Service Account Name Password Startup Ty reature Selection ibbysql •••••••• Automatic nstallation Rules SQL Server Agent libbysql •••••••• Automatic SQL Server Configuration SQL Server Reporting Services libbysql •••••••• Automatic SQL Server Configuration SQL Server Browser NT AUTHORITY/LOCAL S Disabled Variabase Engine Configuration Use the same account for all SQL Server s SQL Server s irror Reporting installation Configuration Rules Use the same account for all SQL Server s irror Reporting installation Progress Complete	etup Support Rules roduct Key cense Terms	Service Accounts Collation	se a separate account for each S	QL Server service	e.	
SQL Server Agent ilboysql ••••••••• Juticinates Installation Rules SQL Server Database Engine libbysql •••••••• Automatic SQL Server Configuration SQL Server Reporting Services libbysql •••••••• Automatic SQL Server Configuration SQL Server Browser NT AUTHORITY/LOCAL S Disabled Database Engine Configuration SQL Server Browser NT AUTHORITY/LOCAL S Disabled Server Reporting Services Configuration Rules Let the same account for all SQL Server serve	etup Role	Service	Account Name	Password	Startup Type	2
SQL Server Database Engine itboysql Automatic SQL Server Database Engine itboysql Automatic SQL Server Reporting Services libbysql Automatic SQL Server Browser NT AUTHORITY/LOCAL S Disabled	eature Selection	SQL Server Agent	Ibbysql	•••••	Automatic	
SQL Server Reporting Services iiboysqi Automatic Server Configuration Database Engine Configuration teporting Services Configuration arror Reporting Installation Configuration Rules teady to Install Installation Progress Complete	Istance Configuration	SQL Server Database Engine	libbysqi	•••••	Automatic	
Server Configuration Database Engine Configuration Reporting Services Configuration Error Reporting Installation Configuration Rules Ready to Install Installation Progress Complete	isk Space Requirements	SQL Server Reporting Services		•••••	Disabled	
Leaporting Services Configuration Leaporting Installation Configuration Rules Leady to Install Installation Progress Lomplete	erver Configuration	SQL Server browser	NI AUTHORITI LOCAL S		Disabled	<u> </u>
	rror Reporting Installation Configuration Rules eady to Install Istallation Progress omplete					

8. From the **Server Configuration** screen, in the **Collation** tab, under **Database Engine**, select SQL_Latin1_General_CP1_CI_AS (the default value).

Server Configuration Specify the service accounts and collation configuration. Setup Support Rules Installation Type Product Key License Terms Setup Role Feature Selection Installation Rules Installation Configuration Database Engine Configuration Database Engine Configuration Installation Configuration Rules Ready to Install Installation Progress Complete	SQL Server 2008 R2 Setup		
Specify the service accounts and collation configuration. Setup Support Rules Installation Type Product Key License Terms Setup Role Feature Selection Installation Rules Installation Configuration Reporting Services Configuration Reporting Installation Configuration Rules Ready to Install Installation Progress Complete	Server Configuration		
Setup Support Rules Service Accounts Collation Installation Type Database Engine: Product Key SQL_Latin1_General_CP1_CL_AS Qustomize Setup Role Latin1-General_CP1_CL_AS Qustomize Feature Selection Installation Rules Installation Rules Installation Rules Installetion Rules Installetion Rules Server Configuration Disk Space Requirements Server Configuration Services Configuration Database Engine Configuration Error Reporting Installation Configuration Rules Error Reporting Installation Configuration Rules Ready to Install Installation Progress Complete Complete	Specify the service accounts and col	llation configuration.	
	Setup Support Rules Installation Type Product Key License Terms Setup Role Feature Selection Installation Rules Installation Rules Installation Rules Server Configuration Database Engine Configuration Reporting Services Configuration Error Reporting Installation Configuration Rules Ready to Install Installation Progress Complete	Service Accounts Collation Database Engine: SQL_Latin1_General_CP1_CI_AS Latin1-General, case-insensitive, accent-sensitive, kanatype-insensitive, width-insensitive for Unicode Data, SQL Server Sort Order 52 on Code Page 1252 for non-Unicode Data	<u>Customize</u>

9. From the **Database Engine Configuration** screen, in the **Data Directories** tab, select the locations for the database folders. If possible, put the User database directory, the Temp DB directory, and the Backup directory on a separate drive from the other folders.

Specify Database Engine authentio	cation security mode, administrators	and data directories.	
Setup Support Rules Installation Type Product Key icense Terms Setup Role Setup Role Set	Account Provisioning Data Directory: Data root directory: System database directory: User database directory: User database_log directory: Temp DB directory: Temp DB log directory: Backup directory: Backup directory:	ectories FILESTREAM C:\Program Files\Microsoft SQL Server\ C:\Program Files\Microsoft SQL Server\ D:\MSSQL10_50.LIBBYINSTANCE\M5SQL\Data D:\MSSQLData C:\MSSQLDataLog D:\MSSQLTempDB C:\MSSQLTempDBlog D:\MSSQLBackup	

10. From the **Reporting Services Configuration** screen, select **Install the native mode default configuration**.

11. When you finish installing SQL Server, restart the machine on which you installed it.

Installing SQL Server 2012

In order to install SQL Server 2012 for use with SpeechMiner, run the normal setup wizard and follow the instructions. To install SQL Server 2012:

- 1. Run the installation program. The **SQL Server Installation Center** window opens, with the **Planning** screen open.
- 2. From the menu on the left, select **Installation**. The **Installation** screen opens. Select **New installation or add features to an existing installation**. The installation wizard opens.
- 3. Follow the on-screen instructions. When the screens mentioned below open, follow the instructions below to select the required settings and options for SpeechMiner.

- 4. From the Setup Role screen, select SQL Server Feature Installation.
- 5. From the **Feature Selection** screen, select the following options:
 - Database Engine Services
 - Reporting Services
 - Client Tools Connectivity
 - SQL Server Books Online
 - Management Tools Basic
 - Management Tools Complete

1	SQL Server 2012 Setup	_ D X
Feature Selection Select the Standard features to it Setup Support Rules Setup Role Feature Selection Installation Rules Instance Configuration Disk Space Requirements Server Configuration Database Engine Configuration Reporting Services Configuration Error Reporting Installation Configuration Rules Ready to Install Installation Progress Complete	SQL Server 2012 Setup nstall. Eeatures: Instance Features SQL Server Replication SQL Server Replication SQL Server Replication Data Quality Services Analysis Services Reporting Services - Native Shared Features Reporting Services - SharePoint Reporting Services - SharePoint SQL Server Data Tools Client Tools Connectivity Integration Services Client Tools Backwards Compatibility Client Tools SDK Management Tools - Complete Distributed Replay Controller Distributed Replay Client	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 .NET Framework 3.5 To be installed from media: Microsoft Visual Studio 2010 Shell
	□ Distributed Replay Controller □ Distributed Replay Client □ SQL Client Connectivity SDK Redistributable Features Select All Shared feature directory: C:\Program Files\Microsoft Shared feature directory (x86): C:\Program Files (x86)\Microsoft Shared feature directory (x86): Shared feature directory	SQL Server\ rosoft SQL Server\ <u>N</u> ext > Cancel Help

- 6. From the Server Configuration screen, in the Service Accounts tab, for the SQL Server Agent, SQL Server Database Engine, and SQL Server Reporting Services, do the following:
 - Enter the user account and password of the service account.
 - Under Startup Type, select Automatic.

1	SQL Server	2012 Setup		_ 0	x
Server Configuration Specify the service accounts and	collation configuration.				
Setup Support Rules Setup Role Feature Selection Installation Rules Instance Configuration Disk Space Requirements Server Configuration Database Engine Configuration Reporting Services Configuration Error Reporting Installation Configuration Rules Ready to Install Installation Progress Complete	Service Accounts Collation Microsoft recommends that you u Service SQL Server Agent SQL Server Database Engine SQL Server Reporting Services SQL Server Browser	se a separate account for each SQL Serv Account Name NT Service\SQLSERVERAGENT NT Service\MSSQLSERVER NT Service\ReportServer NT AUTHORITY\LOCAL SERVICE	rer service. Password Pa	Startup Type Automatic Automatic Disabled	
		< <u>B</u> ack <u>N</u> ext >	Cancel	Help	•

7. From the **Server Configuration** screen, in the **Collation** tab, under **Database Engine**, select SQL_Latin1_General_CP1_CI_AS (the default value).

5	SQL Server 2012 Setup
Server Configuration Specify the service accounts and	d collation configuration.
Setup Support Rules Setup Role Feature Selection Installation Rules Instance Configuration Disk Space Requirements Server Configuration Database Engine Configuration Reporting Services Configuration Error Reporting Installation Configuration Rules Ready to Install Installation Progress Complete	Service Accounts Collation Database Engine: SQL_Latin1_General_CP1_CLAS Customize Latin1-General, case-insensitive, accent-sensitive, kanatype-insensitive, width-insensitive for Unicode Data, SQL Server Sort Order 52 on Code Page 1252 for non-Unicode Data Control of the sensitive sen
	< <u>B</u> ack <u>N</u> ext > Cancel Help

8. From the **Database Engine Configuration** screen, in the **Data Directories** tab, select the locations for the database folders. If possible, put the User database directory, the Temp DB directory, and the Backup directory on a separate drive from the other folders.

	SC	L Server 2012 Setup
Database Engine Confi Specify Database Engine auther Setup Support Rules	guration ntication security mode, administra	ators and data directories.
Setup Role Feature Selection Installation Rules Instance Configuration Disk Space Requirements Server Configuration Database Engine Configuration Reporting Services Configuration Error Reporting Installation Configuration Rules Ready to Install Installation Progress Complete	Data root directory: System database directory: User database directory: User database log directory: Temp DB directory: Temp DB log directory: Backup directory:	C:\Program Files\Microsoft SQL Server\ C:\Program Files\Microsoft SQL Server\MSSQL11.MSSQLSERVER\MSSQL\Data C:\Program Files\Microsoft SQL Server\MSSQL11.MSSQLSERVER\MSSQL\Log C:\Program Files\Microsoft SQL Server\MSSQL11.MSSQLSERVER\MSSQL\Log C\Program Files\Microsoft SQL Server\MSSQL11.MSSQLSERVER\MSSQL\Backup

- 9. From the **Reporting Services Configuration** screen, select **Install the native mode default configuration**.
- 10. When you finish installing SQL Server, restart the machine on which you installed it.

Configuring the SQL Server Setting

After the SQL server is installed, do the following:

- Ensure that the SQL server is running
- Configure the SQL server to start automatically
- Enable both the TCP/IP and the Named Pipes protocols

Important

After you install SpeechMiner, you also have to deploy the CLR assembly and set its permissions. See Installing the SpeechMiner Components > Installing the SpeechMiner Database > SQL CLR.

To configure the SQL server and enable the required protocols:

- 1. From the Start menu, navigate to Microsoft SQL Server 2008 > Configuration Tools > SQL Server Configuration Manager. The SQL Server Configuration Manager opens.
- 2. On the left side of the window, select **SQL Server Services**.

Sql Server Configuration Manager					[0	л×
File Action View Help						
🗢 🔿 🔰 🔝 🛃 🛛 🔍 💌						
SQL Server Configuration Manager (Local)	Name	State	Start Mode	Process ID	Service Type	Lo
SQL Server Services	SQL Server (MSSQLSERVER)	Running	Automatic	1260	SQL Server	Ca
SQL Server Network Configuration (32bit)	SQL Server Reporting Services (MSSQLSERVER)	Running	Automatic	1336	Report Server	CA
SQL Native Client 10.0 Configuration (32bit)	SQL Server Browser	Stopped	Other (Boot, System, Disabl	. 0		NT
Got Server Network Configuration Sol Native Client 10.0 Configuration	SQL Server Agent (MSSQLSERVER)	Running	Automatic	1772	SQL Agent	Ca
1	Jank-					_

- 3. On the right side of the window, for **SQL Server Agent**, check that the **Status** is **Running**, and the **Start Mode** is **Automatic**.
- 4. If one or both of these values are not as they should be, do the following:
 - Double-click the row. The **Properties** window opens.
 - In the **Service** tab, set the **Start Mode** to **Automatic**.
 - If the service is not running, in the **Log On** tab, select **Start**.
 - Click **OK** to implement the changes.

5. On the left side of the **SQL Server Configuration Manager** window, select **SQL Server Network Configuration > Protocols for MSSQLSERVER**.

sql Server Configuration Manager				_ 🗆 🗵
File Action View Help				
🗇 🔿 🖄 🔂 🛛				
SQL Server Configuration Manager (Local) SQL Server Network Configuration (32bit) SQL Server Network Configuration (32bit) SQL Server Network Configuration Protocols for MSSQLSERVER SQL Native Client 10.0 Configuration	Protocol Name Shared Memory Named Pipes TCP/IP VIA	Status Enabled Enabled Disabled Disabled		

- 6. On the right side of the window, for **TCP/IP** and for **Named Pipes**, check that the **Status** is **Enabled**.
- 7. For each of these protocols, if it is not enabled, do the following:
 - Double-click the row. The **Properties** window opens.
 - In the **Protocol** tab, under **Enabled**, select **Yes**.
 - Click **OK** to implement the changes.

Configuring the Reporting Services

The SQL reporting services should be configured as explained below.

Tip

The default configuration for mhtml rendering is html3.2. This configuration does not support padding. In order to render web archive open the Report Server config file (for example C:\Program

Files\Microsoft SQL Server\MSRS10_50.MSSQLSERVER\Reporting Services\ReportServer\rsreportserver.config) and change RenderingExtension (under EmbeddedRenderFormats) to HTML4.0. Once you are done, restart the report server.

To configure the SQL reporting services:

- 1. In the Start menu, under All Programs, select SQL Server 2008 R2 > Configuration Tools > Reporting Services Configuration Manager. The Reporting Services Configuration Connections window opens.
- Enter the report server name and the instance name (if they are not already there), and click Connect. The Reporting Services Configuration Manager opens, with the Report Server Status screen displayed.

Reporting Services Configuration	Manager: \MSSQLSERVER		
Microsoft"			
C SQL Server 2008 R	2 afguration Manager		
Reporting services cor	inguration Manager		10.55844
🛃 Cgnnect	Report Server Status		
TLVQAVM9(MSSQLSERVER			
	Use the Reporting Services Conf Manager, If you installed Report	iguration Manager tool to define or modify settings for the Report	Server and Report
Service Account	database, and the Report Manag	er URL.	is only use
A Web Service URL	Current Report Server		
Database	SQL Server Instance:	MSSQLSERVER MSRS10_50_MSSOLSERVER	
Report Manager URL	Edition:	ENTERPRISE EDITION	
	Product Version:	10.50.1600.1	
E-mail Settings	Report Server Database Name:	ReportServer	
Execution Account	Report Service Status:	Native Started	
R Encryption Keys		Start Stop	
Scale-out Deployment			
	Results		
			Сору
0		A	pply Exit
*			

- 3. Check whether the report server is running. If it is not, click **Start**.
- 4. On the left side of the window, select **Service Account**.

Reporting Services Configuration M	lanager: 1000.0000/MSSQLSERVER		
Reporting Services Cont	figuration Manager		
Connect Connec	Service Account Specify a built-in account Report Server Service Account Choose an option to set the ser Use built-in account: Use built-in account: Agcount (Domain\user):	count or Windows domain user account to run the report server service. vice account and then click Apply. Network Service	×
E-mail Settings Execution Account Encryption Keys Scale-out Deployment	Password:	•••••	
	Results		Сору
•			Apply Exit

5. Configure the account name and password of the service account that will be used to run the reportserver service, as required. Use either a local administrator account or an account that can log in as a service and run services on the local machine.

The user must be a **Domain user**.

6. On the left side of the window, select **Web Service URL**; make sure the settings in the screen match the settings as follows:

Connect	Web Service URI		
TLVQAVM9(MSSQLSERVER			
3 Service Account	Configure a URL of instance, or to spi	used to access the Report Server. Click Advanced to define multiple URLs for a single acify additional parameters on the URL.	Report Server
🔊 Web Service URL	Report Server Web Service V Virtual Directory:	/irtual Directory ReportServer	
1 Database	-Report Server Web Service S	ite identification	
Report Manager URL	IP Address:	All Assigned (Recommended)	
Canal Cattings	ICP Port:	80	
2 childi Securiys	SSL Ceptificate:	(Not Selected)	tvanced
Execution Account	- SSLFORT		
R Encryption Keys	-Report Server Web Service I	RLs	
and Scale-out Deployment	URLs:	RKD:Jf%BUReportServer	
	Results		

7. On the left side of the window, select **Database**. If you created a report-server database when you installed SQL Server, it appears under **Current Report Server Database**. If you did not, create it now.

Connect	Report Server Database		
LIBBYINST MSSQLSERVER			
Service Account	Reporting Services sto change the report serv	res all report server content and application data in a database er database or update database connection credentials.	. Use this page to create or
🔊 Web Service URL	Current Report Server Database		
🚺 Database	Click Change database to select	a different database or create a new database in native or Shar	ePoint integrated mode.
	SQL Server Name:	LIBBYINST	
Report Manager URL	Database Name:	ReportServer	
	Report Server Mode:	Native	
🚖 E-mail Settings			Change <u>D</u> atab
Execution Account	Current Report Server Database Cr	edential	
R Encryption Keys	The following credentials are use different account or update a pas	d by the report server to connect to the report server database sword.	. Use the options below to cho
	Credential:	Service Account	
Scale-out Deployment	Login:	Chindbud Theodomesia	
	Password:	******	
			Change <u>C</u> redent
	Results		

8. On the left side of the window, select **Report Manager URL**; make sure the settings in the screen match the settings as follows:

SQL Server 2008 R		
Connect Conne	Report Manager URL Image: Configure a URL to access Report Manager. Click Advanced to define multiparameters on the URL. Report Manager Site Identification Virtual Directory: Reports URLs: http://org/w/p-80/Reports	iple URLs, or to specify additional
E-mail seconds Execution Account Encryption Keys		
	Results	<u></u>

- 9. On the left side of the window, select **E-mail Settings**.
- 10. Enter the settings for the e-mail account you want the report server to use to send reports to SpeechMiner users.

Reporting Services Co	KZ Infiguration Manager		
Connect TLV3(MSSQLSERVER Service Account Web Service URL	E-mail Settings To use report server e-mail, specify server. SMTP Settings	an existing SMTP server and an e-mail account that can s	end e-mail from that
Control Contr	To edit, change the fields and click the Apph Sender Address: Current SMTP Delivery Method: SMTP Server:	speechminer@k";;;;;;;;; Use SMTP server	
⁴ Scale-out Deployment	Results		

- 11. Click Exit to close the Reporting Services Configuration Manager.
- 12. In the **Report Server config** file (rsreportserver.config) change the **MaxActiveReqForOneUser** parameter value from 20 to 250.

For more details see: http://msdn.microsoft.com/en-us/library/ms157273.aspx

Creating the Report-Server Database

If the report-server database was not created automatically when you installed SQL Server, you can create it in the **Report Server Database Configuration Wizard**. To create the report-server database:

- 1. Open the **Reporting Services Configuration Manager**.
- 2. From the **Database** screen, under **Current Report Server Database**, click **Change Database**. The **Report Server Database Configuration Wizard** opens.

3. In the wizard, fill in the fields as they are filled in in the examples shown (except, of course, for the server name and the credentials, which you must specify as appropriate for your system). Click **Next** to progress from screen to screen until you have finished creating the database.

Index Sea	2010 CARDINAL AND ADDRESS OF A CARDINAL AND ADDRESS OF ADDRESS OF A CARDINAL ADDRESS OF
-----------	---

Action

•

.

interesting and the second	Sector control	10 feed wheel good and
Tabum.	-	
Contraction	Carry in Information	
1.000	and the second	
and the second second	10000	The local sector of the
		in an
		-
	1000	
	August	in the local division of

Database Server

Sector Sector	The resources do to	Instantion of the second secon
Lang Lang Lang	Salarian Salarian Salarian Rectorian	Factoria Factoria Factoria Filiana Fil

Database



Credentials

Click on the image to enlarge.

Setting the Maximum Memory Usage

If the SQL-server's memory usage is not limited, it will consume all of the available memory. Therefore, it is recommended to limit the memory usage of the SQL Server by setting the max server memory value.

Important

In addition to the "server memory" that is limited by this value, the SQL server uses 2-4 GB of other memory. For this reason, it is recommended to set the max server memory to a value that is 2-4 GB lower than the maximum memory you want to allow the server to use. For additional details, see http://msdn.microsoft.com/en-us/ library/ms178067.aspx.

You can see the current max server memory value, and modify it as required, in the **SQL Server Management Studio**.

To view or modify the max server memory value:

- 1. From the SQL server, open the **SQL Server Management Studio**. (For example, in the **Start** menu, under **All Programs**, select **Microsoft SQL Server 2008 R2 > SQL Server Management Studio**.)
- 2. On the left side of the window, right-click the SQL server and then select **Properties**. The **Server Properties** window opens.

Server Properties - LIBBYIN	NST .	- 🗆 🗡
Select a page	Script - 📑 Help	
General Memory Processors Security Connections Database Settings Advanced Permissions	Server memory options Use AWE to allocate memory Minimum server memory (in MB): Maximum server memory (in MB): 4096	
Connection Server: (local) Connection:	Other memory options Index creation memory (in KB, 0 = dynamic memory): 0 ** Minimum memory per guery (in KB): 1024 *	
CAMELOT Lschwartz		
L	OK Cano	el //,

- 3. On the left side of the window, select **Memory**. The memory settings are displayed.
- 4. Under Maximum server memory (in MB), enter the value you want to use.
- 5. Click **OK**. The setting is implemented, and the window closes.

If you prefer, you can also set the max server memory property by executing a query:

To set the max server memory by executing a query:

- 1. On the SQL server, open the **SQL Server Management Studio**. (For example, in the **Start** menu, under **All Programs**, select **Microsoft SQL Server 2008 R2 > SQL Server Management Studio**.)
- 2. On the left side of the window, right-click the SQL server and then select **New Query**. A blank text area opens on the right side of the window.

3. Copy the following commands and paste them into the text area:

```
sp_configure 'show advanced options', 1;
G0
RECONFIGURE;
G0
sp_configure 'max server memory', 4096;
G0
RECONFIGURE;
G0
```

- 4. The code sets the max server memory to 4GB (4096MB). If you want to set it to a different value, in the text area, change 4096 to the required value.
- 5. Above the text area, select **Execute**. The commands are executed. When the process is completed successfully, **Query executed successfully** appears at the bottom of the window.

