

Microsoft SQL Server Configuration and v5

This document outlines the configuration and requirements for installing Microsoft SQL Server so that it will run correctly with v5. The following screenshots are from an SQL 2012 installation. Please refer to the latest v5 specifications for supported versions of SQL. Only the SQL installation steps relevant to v5 are covered in this document. For more information on the SQL installation consult Microsoft.

Required components

Your SQL installation should include the following components:

- Database Engine
- Management Tools
- Reporting Services

If downloading Microsoft SQL Express edition, ensure that you have downloaded the version that includes all required features. This will usually be listed as follows:

- **Express with Tools (with LocalDB)** Includes the database engine and SQL Server Management Studio Express)
 - This package contains everything needed to install and configure SQL Server as a database server. Choose either LocalDB or Express depending on your needs above.
- **SQL Server Management Studio Express (Tools only)**
 - This does not contain the database, but only the tools to manage SQL Server instances, including LocalDB, SQL Express, SQL Azure, etc. Use this if you already have the database and only need the management tools. This package includes LocalDB.
- **Express with Advanced Services** (contains the database engine, Express Tools, Reporting Services, and Full Text Search)
 - This package contains all the components of SQL Express. This is a larger download than "with Tools," as it also includes both Full Text Search and Reporting Services.

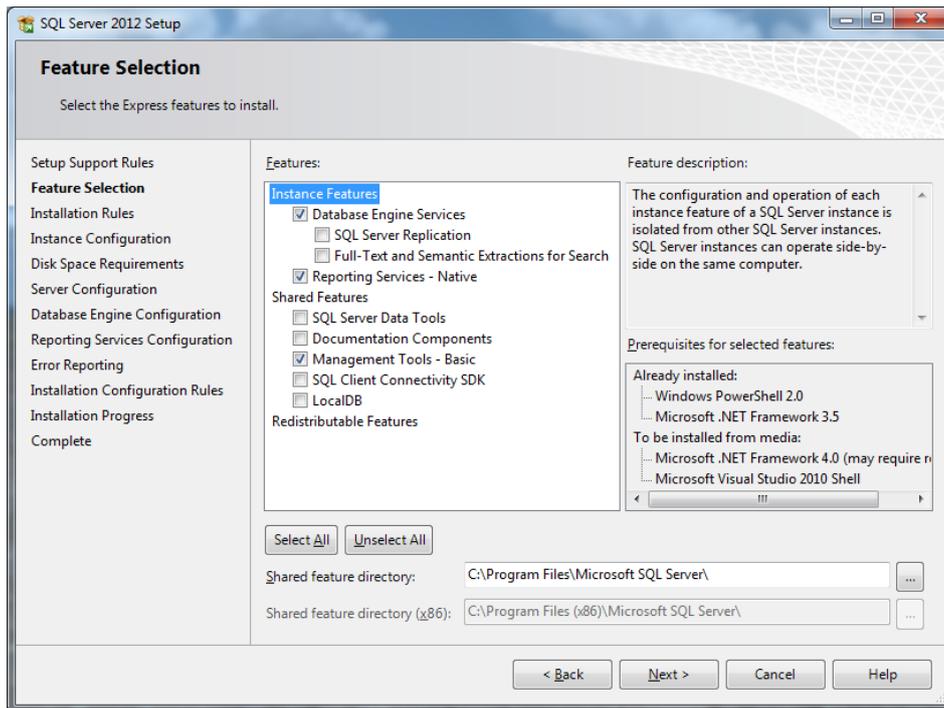
SQL Server Installation

Feature Selection

On the Feature Selection Screen, ensure the following options are ticked:

- Database Engine Services
- Reporting Services
- Management Tools

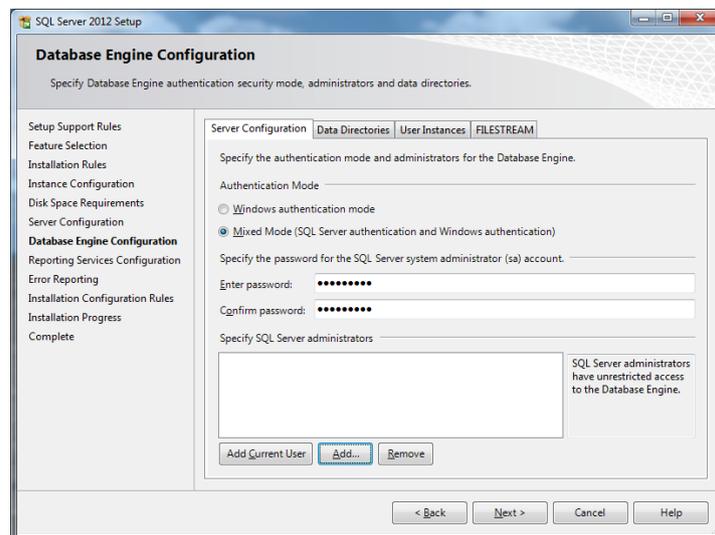
If any of these options are not listed, you may need to run these installations separately or download a different/additional installation file (if using SQL Express).



Authentication Mode

On the **Authentication Mode** screen, select **Mixed Mode**. The system administrator (sa) password that you enter here should be noted for future reference.

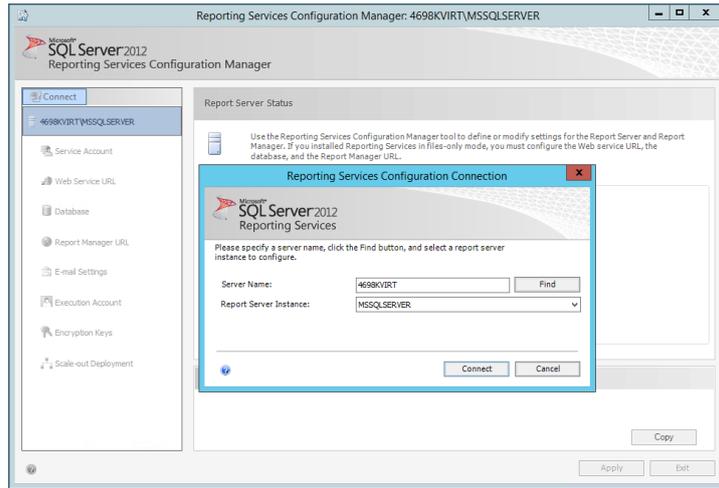
You also may wish to add other windows accounts as SQL administrators.



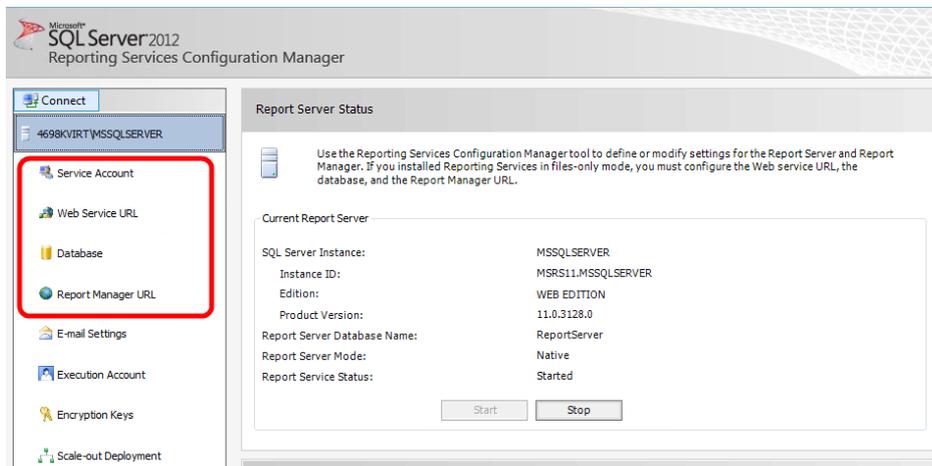
Reporting Services Configuration

If installing Microsoft Reporting Services separately or reporting services did not configure as part of the installation, you may need to do some additional configuration.

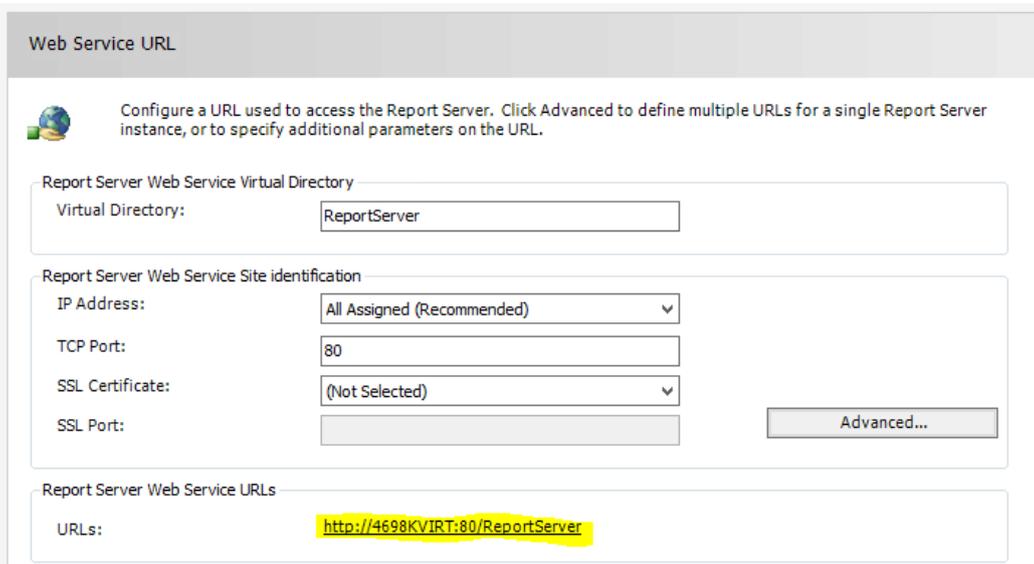
1. Connect to Microsoft Reporting Services:



- Click on each of the following items on the left panel in sequence. The default settings can be selected for each option.



- When configured correctly the “Web Service URL” and the “Report Manager URL” will be hyperlinked and accessible when clicked, and a database name will be listed.



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Report Server Database

Reporting Services stores all report server content and application data in a database. Use this page to create or change the report server database or update database connection credentials.

Current Report Server Database

Click Change database to select a different database or create a new database in native or SharePoint integrated mode.

SQL Server Name:	4698KVIRT
Database Name:	ReportServer
Report Server Mode:	Native

Report Manager URL

Configure a URL to access Report Manager. Click Advanced to define multiple URLs, or to specify additional parameters on the URL.

Report Manager Site Identification

Virtual Directory:	<input type="text" value="Reports"/>
URLs:	http://4698KVIRT:80/Reports

Additional Configuration (Optional)

The following steps are *only required* if you will be using SQL Server Reporting Service Report Builder (used for the creation of basic v5 custom reports).

The web.config file is normally located in C:\Program Files\Microsoft SQL Server\MSSQL.1\Reporting Services\ReportServer – the exact location may vary depending your specific configuration. Edit this file with any text editor, such as Notepad, and find the following line:

```
<httpRuntime executionTimeout = "9000" />
```

and change it to:

```
<httpRuntime executionTimeout = "9000" maxRequestLength = "20480" />
```

This changes the maximum file size to 20MB to cover further increases in the size of the v5 report model.