

Migrating SIMS and FMS to SQL Server 2012

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Introduction

Capita Children's Services support SIMS and FMS on SQL Server 2012 Express/Standard/Enterprise (which will be referred to simply as SQL Server 2012 for the rest of this document) from the Autumn 2012 release. A migration utility and support for additional Capita Children's Services software will be available with the Spring 2013 release.

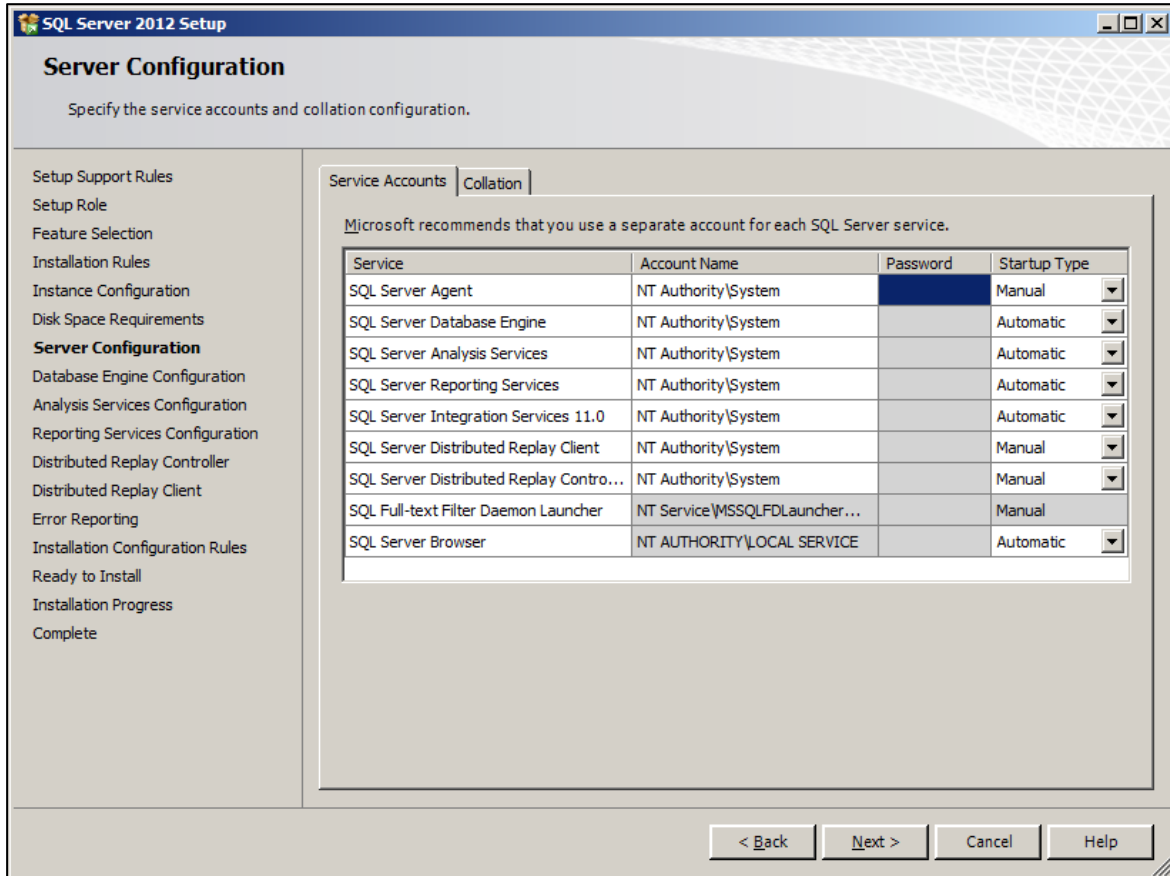
 **IMPORTANT NOTE:** Support is only available for SIMS and FMS migrations to SQL 2012 for those systems without InTouch, Discover or SOLUS3. Support for InTouch, Discover and SOLUS3 will be provided in Spring.

This document provides the recommended steps for moving a SIMS and/or FMS database from a server running SQL Server 2008 to a server running SQL Server 2012.

 **NOTE:** Capita Children's Services do not provide a copy of SQL Server 2012 with the Autumn 2012 release. We will be providing a version of SQL Server 2012 Express edition with the Migration utility alongside the Spring 2013 release.

Prerequisite for Scheduled Tasks

In order for scheduled tasks to function correctly on SQL Server 2012, on the **Server Configuration** page in the SQL Server 2012 Setup, the **SQL Server Database Engine Account Name** must be entered as displayed in the following graphic:



SQL Server 2012 Setup

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
Analysis Services Configuration
Reporting Services Configuration
Distributed Replay Controller
Distributed Replay Client
Error Reporting
Installation Configuration Rules
Ready to Install
Installation Progress
Complete

Service Accounts | Collation

Microsoft recommends that you use a separate account for each SQL Server service.

Service	Account Name	Password	Startup Type
SQL Server Agent	NT Authority\System		Manual
SQL Server Database Engine	NT Authority\System		Automatic
SQL Server Analysis Services	NT Authority\System		Automatic
SQL Server Reporting Services	NT Authority\System		Automatic
SQL Server Integration Services 11.0	NT Authority\System		Automatic
SQL Server Distributed Replay Client	NT Authority\System		Manual
SQL Server Distributed Replay Contro...	NT Authority\System		Manual
SQL Full-text Filter Daemon Launcher	NT Service\MSSQLFDLauncher...		Manual
SQL Server Browser	NT AUTHORITY\LOCAL SERVICE		Automatic

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Migrating the SIMS Database on the Same Server

1. Upgrade your SIMS system to the Autumn 2012 release.



IMPORTANT NOTE: You must upgrade to the Autumn 2012 release before attempting to migrate your database.

2. Run SIMSSQLApplicationSetup.exe from the SIMS\Setups folder and install to the SQL Server 2012 Binn folder, e.g. C:\Program Files\Microsoft SQL Server\MSSQL11.SIMS2012\MSSQL\Binn.
3. Run **DBAttach** and detach the database from the SQL Server 2008/R2 instance.
4. Copy the database to the Data folder of the SQL Server 2012 instance.
5. Run **DBAttach** and attach the database to the SQL Server 2012 instance.
6. Update the **ServerName=** line in the central connect.ini file, located by default in S:\SIMS, to point to the new SQL Server 2012 instance, for example:

ServerName=SIMSSERVER\SIMS2012



IMPORTANT NOTE: If the SIMS workstations do not redirect to a central connect.ini file you will need to update the connect.ini file on each workstation.

Updating the DOCSTORAGE folder structure

The Document Management Server DOCSTORAGE folder structure will need to be updated to reference the new SQL Server 2012 instance.

1. Take a backup of the DOCSTORAGE folder which is located by default in C:\DOCSTORAGE.
2. Within the DOCSTORAGE folder, name the SQL Server Instance folder to match the new SQL Server 2012 Instance name, e.g. C:\DOCSTORAGE\SIMSSERVER\SIMS2012\SIMS.

Migrating the SIMS Database to a New Server

1. Upgrade your SIMS systems to the Autumn 2012 release.



IMPORTANT NOTE: You must upgrade to the Autumn 2012 release before attempting to migrate your database.

2. Copy the following files from the SIMS\Setups folder on the old server:
 - SIMSSQLApplicationSetup.exe.signature
 - SIMSSQLApplicationSetup.exe
3. Create a SIMS\Setups folder on the new server then paste and run the SIMSSQLApplicationSetup.exe file.
4. Run **DBAttach** on the old server and detach the database.
5. Copy the database to the new server.
6. Run **DBAttach** on the new server by right-clicking and selecting **Run as Administrator**.
7. Attach the database.
8. Update the **ServerName=** line in the central connect.ini file, located by default in S:\SIMS, to point to the new SQL Server 2012 instance, for example:
ServerName=SIMSSERVER\SIMS2012



IMPORTANT NOTE: If the SIMS workstations do not redirect to a central connect.ini file you will need to update the connect.ini file on each workstation.

Migrating the Document Management Server

If the SIMS Document Management Server is on the old server and you want to move it to the new server:

1. Copy the SIMSDocumentServerInstaller.exe from SIMS\Setups on the old server to SIMS\Setups on the new server.
2. Run the SIMSDocumentServerInstaller.exe.
3. Ensure the correct Document Management Server is selected within SIMS via **Tools | Setups | Document Management Server**.
4. Copy the DOCSTORAGE folder, which is located by default in C:\DOCSTORAGE, from the old server to the new server.

On the new server, rename the SQL Server Instance folder within the DOCSTORAGE folder to match the new SQL Server 2012 Instance name, e.g. C:\DOCSTORAGE\SIMSSERVER\SIMS2012\SIMS.

Migrating the FMS Database on the Same Server

1. Upgrade your FMS system to the Autumn 2012 release.



IMPORTANT NOTE: You must upgrade to the Autumn 2012 release before attempting to migrate your database.

2. Run FMSSQLApplicationSetup.exe from the SIMS\Setups\FMS folder and install to the SQL Server 2012 Binn folder, e.g. C:\Program Files\Microsoft SQL Server\MSSQL11.SIMS2012\MSSQL\Binn.
3. Run **DBAttach** and detach the database from the SQL Server 2008/R2 instance.
4. Copy the database to the Data folder of the SQL Server 2012 instance.
5. Run **DBAttach** and attach the database to the SQL Server 2012 instance.



IMPORTANT NOTE: If you have attached documents to your FMS database, you must also copy the Filestream folder onto the new server.

6. Update the **Server=** line in the central fmsconnect.ini file, located by default in S:\SIMS\Setups\FMS, to point to the new SQL Server 2012 instance, for example:
Server=SIMSSERVER\SIMS2012



IMPORTANT NOTE: If the FMS workstations do not redirect to a central fmsconnect.ini file you will need to update the fmsconnect.ini file on each workstation.

7. If you attach documents in FMS, you will also need to turn on Filestream in SQL Server 2012. Please refer to the *Getting Started with FMS* handbook, available by selecting **Help | FMS Documentation**, for more details.

Migrating the FMS Database to a New Server

1. Upgrade your FMS system to the Autumn 2012 release.

 **IMPORTANT NOTE:** You must upgrade to the Autumn 2012 release before attempting to migrate your database.

2. Copy the following files from the SIMS\Setups\FMS folder on the old server:
 - FMSSQLApplicationSetup.exe.signature
 - FMSSQLApplicationSetup.exe
3. Create a SIMS\Setups\FMS folder on the new server then paste and run the FMSSQLApplicationSetup.exe file.
4. Run **DBAttach** on the old server and detach the database.
5. Copy the database to the new server.

 **IMPORTANT NOTE:** If you have attached documents to your FMS database, you must also copy the Filestream folder onto the new server.

6. Run **DBAttach** on the new server by right-clicking and selecting **Run as Administrator**.
7. Attach the database.
8. Update the **Server=** line in the central fmsconnect.ini file, located by default in S:\SIMS\Setups\FMS, to point to the new SQL Server 2012 instance, for example:
Server=SIMSSERVER\SIMS2012

 **IMPORTANT NOTE:** If the FMS workstations do not redirect to a central fmsconnect.ini file you will need to update the fmsconnect.ini file on each workstation.

9. If you attach documents in FMS, you will also need to turn on Filestream in SQL Server 2012. Please refer to the *Getting Started with FMS* handbook, available by selecting **Help | FMS Documentation**, for more details.