

Database Migration using SQL 2005

Download SQL Management Studio

If you do not have SQL Management Studio installed on your machine, you can download it from the following link:

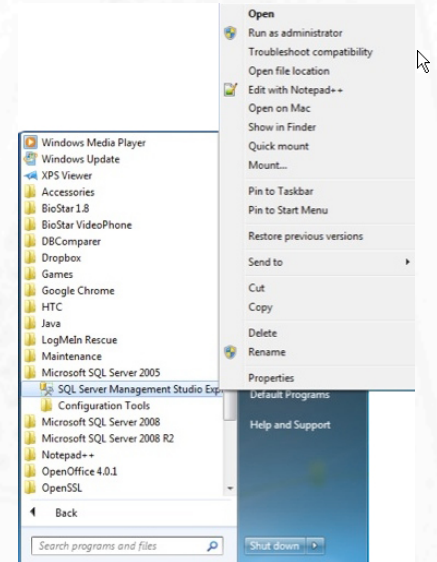
<http://www.microsoft.com/en-ca/download/confirmation.aspx?id=8961>

If your PC is a 32-bit machine, download `SQLServer2005_SSMSEE.msi`

If your PC is an x64-bit machine, download `SQLServer2005_SSMSEE_x64.msi`

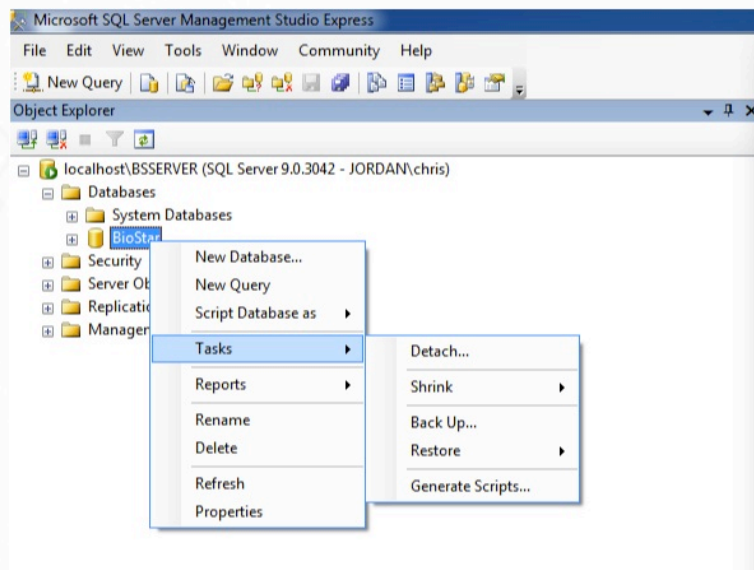
Run Program as Administrator

When the download and installation is complete, it is important that you run the program as an Administrator by right clicking on the program and selecting *Run as Administrator*.



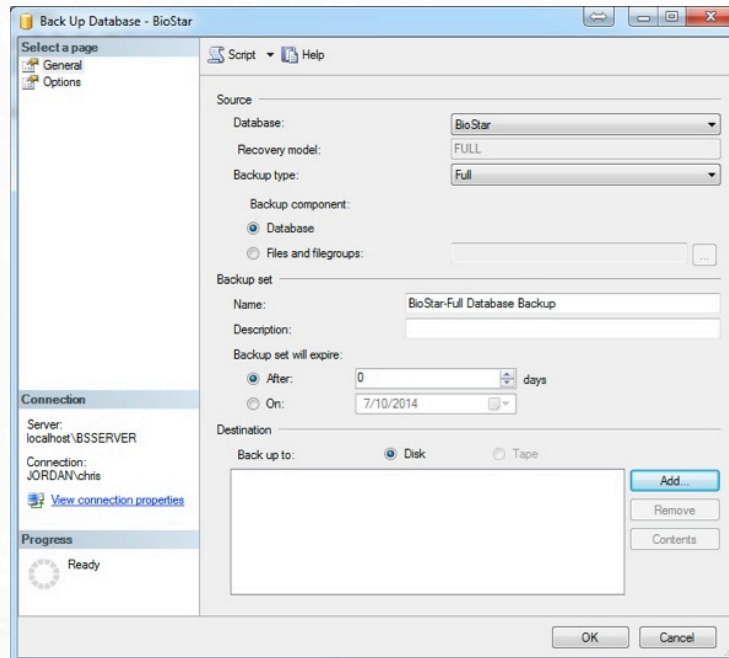
Backup Database

Expand the *Databases* folder → right click on BioStar → Tasks → Back Up...



Choose Full Backup

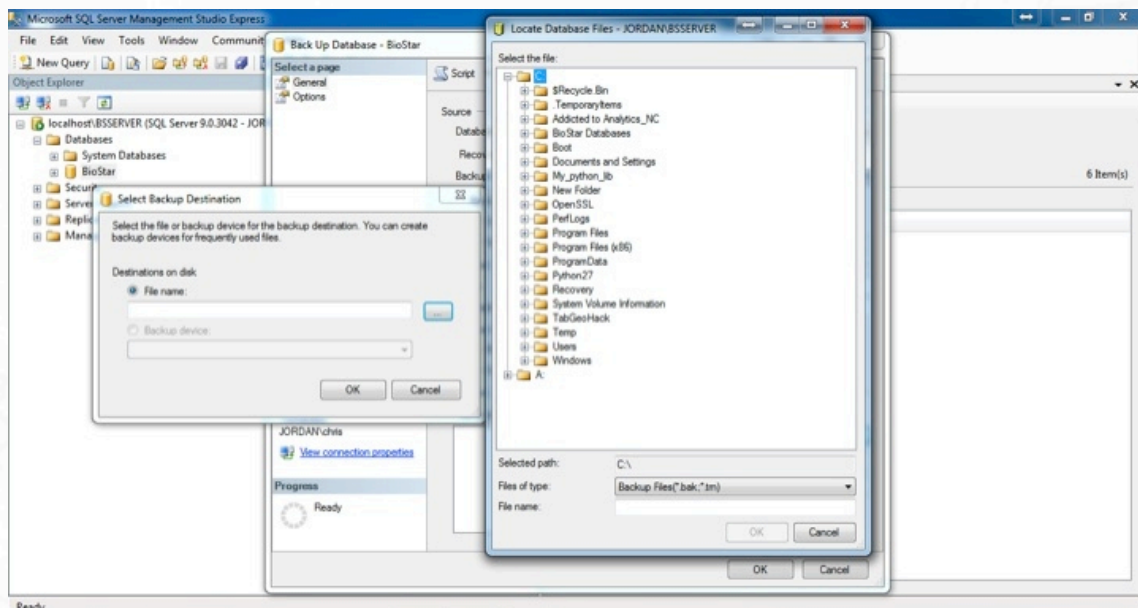
By default the backup type is a *Full* backup → Click the *Disk* radio button, and then select *Add*.



Choose Backup Location

Next, click on the ellipsis button (...) and choose the path location for the backup. This location needs to be in the file path: C:\ProgramFiles(x86)\SQLServer\MSSQL.1\MSSQL\

Type in the *File Name* as BioStar.bak and click *OK* → *OK*

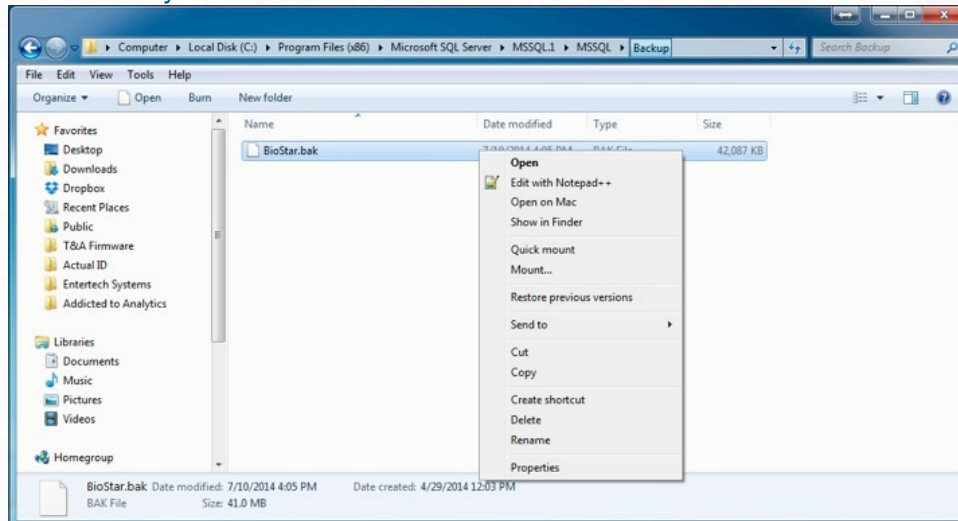


Restoring a Database

Copy the backup file from path:

C:\ProgramFiles(x86)\MicrosoftSQLServer\MSSQL.1\MSSQL\Backup

Save this file to a USB key to move the database to another server/PC

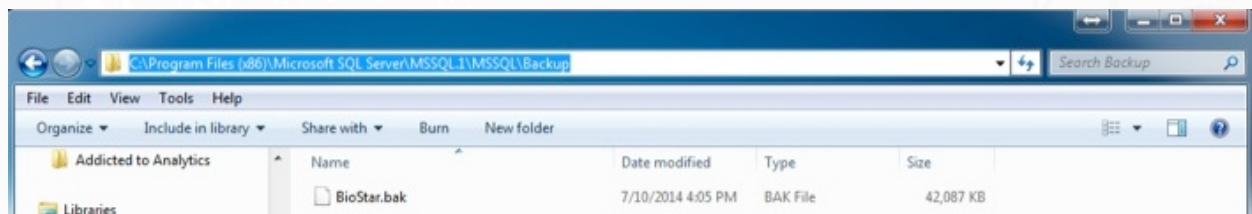


Paste the Backup File on New Server/PC

Ensure SQL Management Studio is also installed on the new server/PC (Refer to Step 1)

Copy the file from your USB key and paste it in the same directory location:

C:\ProgramFiles(x86)\MicrosoftSQLServer\MSSQL\Backup



Delete BioStar Database on New PC

Because the new PC will have no data in the BioStar database, you need to delete the database so that you can restore the old database that contains all of your data

Open SQL Management Studio – be sure to run this program as an administrator again

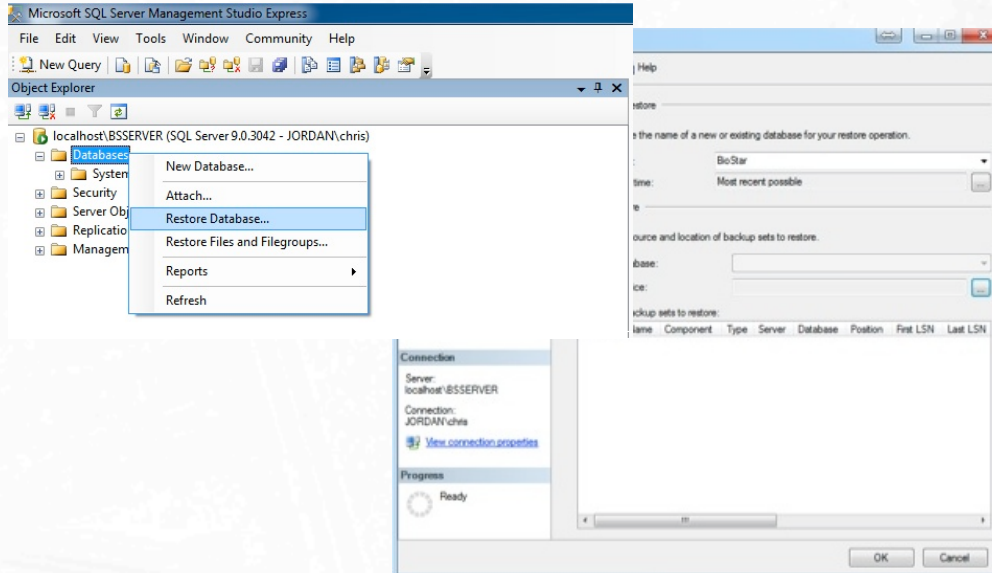
Expand **Databases** and right click on **BioStar** → Delete

(If you receive an error here, right click on **BioStar Server** and run as administrator → click **Stop** and retry deleting the database)

Restore Database

Right click on Databases in SQL Management Studio and click *Restore Database...*

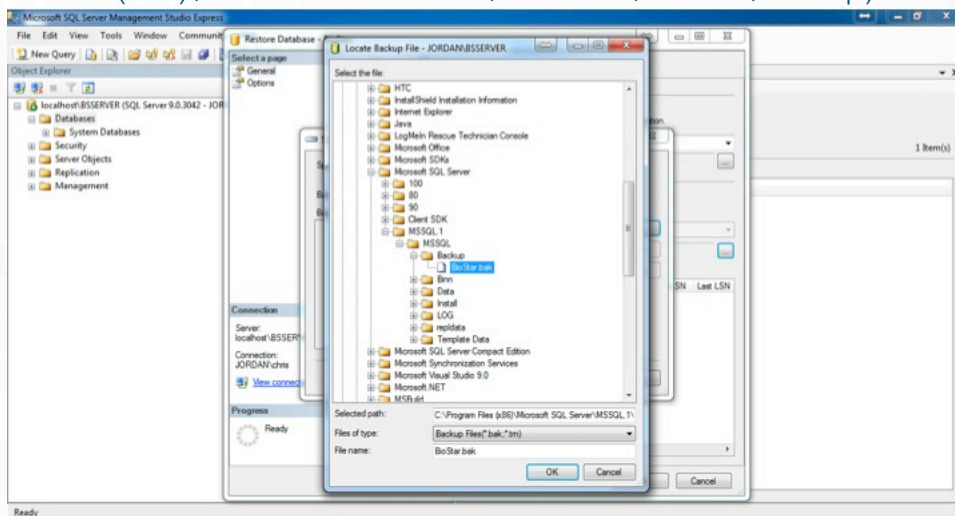
Type "BioStar" as the database name and click the radio button *From Device [...]*



Find the Backup File to Restore

A window will appear → click *Add*

Now navigate to the same directory file path where you saved the BioStar.bak file (C:\ProgramFiles(x86)\MicrosoftSQLServer\MSSQL.1\MSSQL\Backup)



Click OK and wait for the progress bar to reach 100%