

# DB Back Up and Force Start

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## Forcing SQL Server Service to Start:

It should start automatically, but if it doesn't, or it gets shut off somehow, follow these steps. (You'll notice this problem if you can't connect Management Studio to .\sqlexpress and you get an error about a "network-related instance". This means SQL Server isn't actually running in the background, so Management Studio can't connect to it.

1. →click Windows button, type "Computer"
2. →Right-click Computer, choose Manage
3. →Expand Services and Applications, choose Services
4. →Scroll down to SQL Server (SQLExpress) in the middle pane
5. →Right-click and choose Start

## Backing up your database using Generate Scripts in Management Studio:

1. Open SQL Server Management Studio and connect using .\sqlexpress server name
2. In Object Explorer, expand out the Databases
3. →**Right-click the database** you want to back up and choose →**Tasks** →**Generate scripts**
4. In the Generate and Publish Scripts wizard , click Next or click **Choose Objects** in the left column, then check the radio button option for **Select specific database** objects, then check **Tables** option.
  - a. Uncheck any table starting with "sys" in the name.
  - b. Check Views and/or StoredProcedures if needed.
  - c. Then click **Next**.
5. Now in the **Set Scripting Options** in left column: click the **Advanced** button on the right.
6. Update the following option, then click OK:
  - a. Change "Check for object existence": True
  - b. Change "Script DROP and CREATE": Script DROP and CREATE
  - c. Change "Script Extended Properties": False
  - d. Change "Script USE Database": False

- e. Change "Types of data to script": Schema and data
- 7. Choose [...] button for **FileName**, and browse to change the desired save location and rename the script to be created.
  - a. Consider adding a manual date & timestamp to the filename, such as:  
FSDPdb20171127-1430.sql and saving it to your project's source control folder  
...\Documents\Visual Studio [Year]\Projects\FSDP\src
- 8. Go through the default options for the rest of the wizard. →**Next**→**Next**→**Finish**