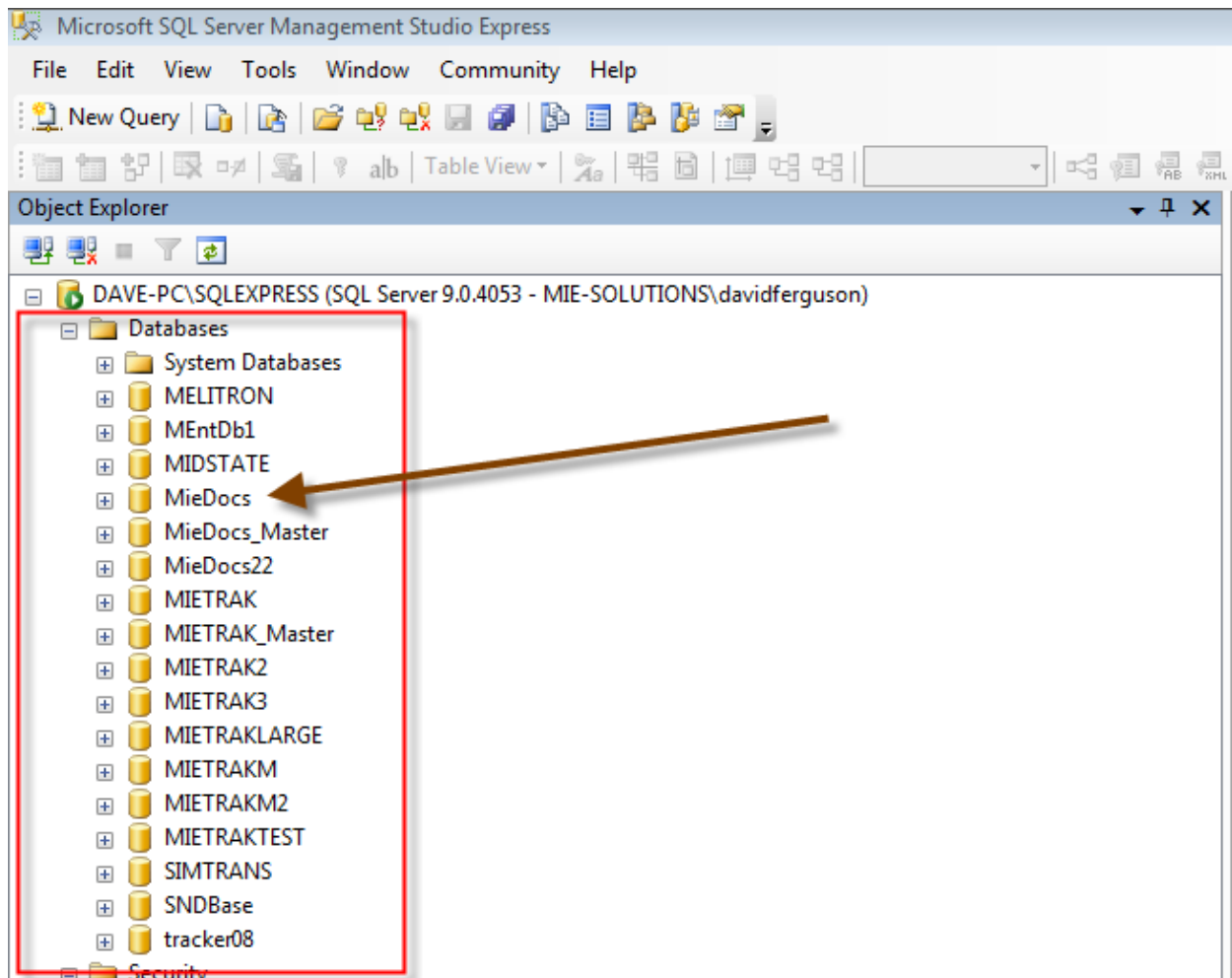


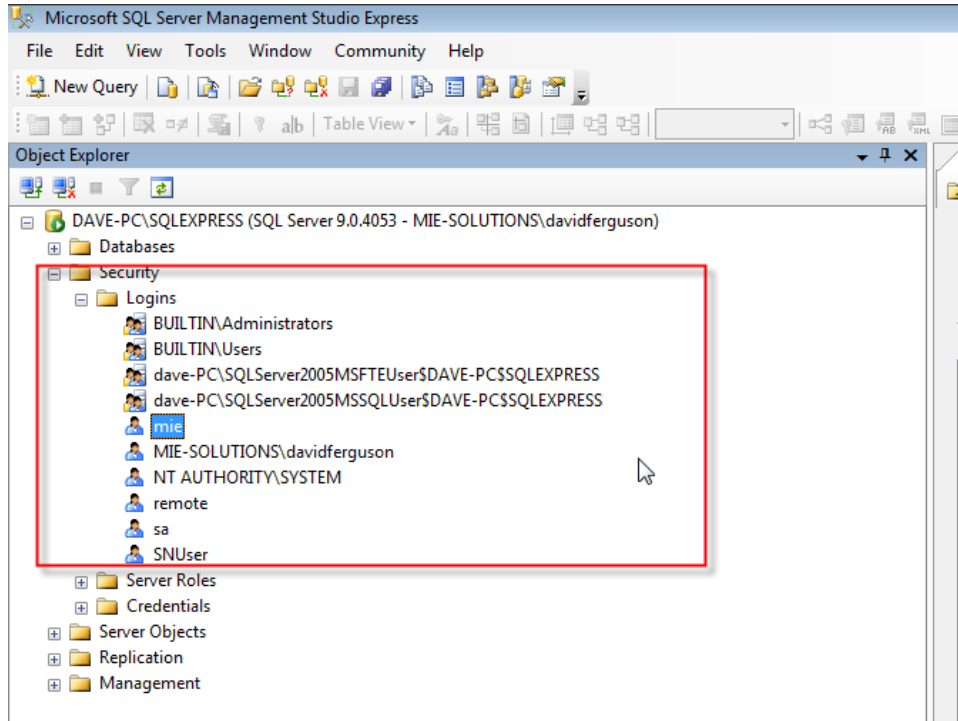
# SQL Server Database User Access

SQL Server requires a user to have permissions to access the database. A SQL Server instance actually can have many databases as shown below. (The software is SQL Server Management Studio Express)

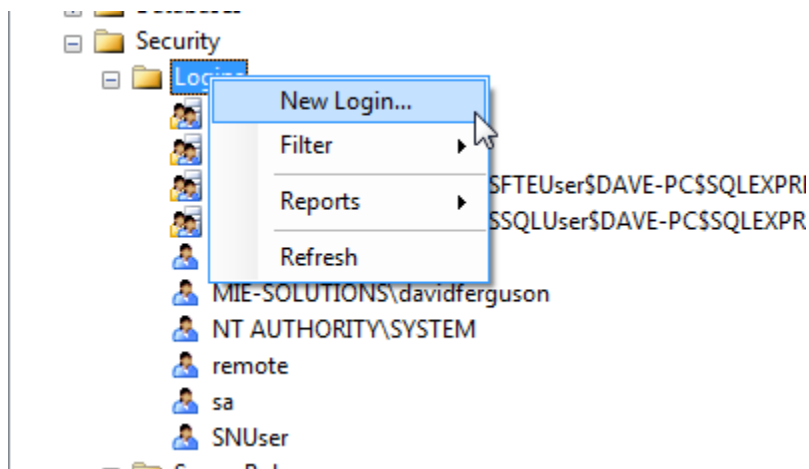


## Create User

SQL Server has the ability to use windows authentication to log in to the database but there are situations when this is not available on the SQL server installation. What you need to do is first create a user. Open up the security and logins options and you will be presented with a list of users.



If the user does not exist the user needs to be created by right clicking on Logins and selecting New Login. If the user exists db-click on the user name to bring up the edit user login screen.



## Edit User Login Screen

MIE Solutions usually has customers use mie as the user to make it a common name. You can choose whatever name you desire. Fill in the red highlighted portions of the screen. When you click OK the user login will be created.

Login Properties - mie

Select a page

- General
- Server Roles
- User Mapping
- Securables
- Status

Script Help

Login name: mie Search...

Windows authentication

SQL Server authentication

Password: .....

Confirm password: .....

Specify old password

Old password: .....

Enforce password policy

Enforce password expiration

User must change password at next login

Mapped to certificate

Certificate name: .....

Mapped to asymmetric key

Key name: .....

Default database: master

Default language: English

Connection

Server: DAVE-PC\SQLEXPRESS

Connection: MIE-SOLUTIONS\davidferguson

[View connection properties](#)

Progress

Ready

OK Cancel

## Edit User Logging Database Mapping

In order for a user login to have access to a database you must verify and set the user mapping. Click on the User Mapping option and for each database that you want to give the user access to click on Map. Also make sure the role is set to db\_owner or both db\_datareader and db\_datawriter

