

Re: SQL Server 2005 login with Windows Authentication

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Francois Malgreve (francois.malgreve@xxxxxxxxxxxxxxxxxxxxxx) writes:

My Computer name is D620 and my windows user name is Francois (who has admin rights, beign part of the Administrator group). As it's a stand alone computer at home, I don't have any domain so it's a local user (not a domain user).

I obviously installed SQL Server using my Francois (admin) local user account. So having stated that I chose windows authentication as authentication mode i was expecting to see something like D620\Francois in the available logins of my SQL Server instance.

You need to do

```
CREATE LOGIN D620\Francois FROM Windows
```

to do this. But you can still access SQL Server as D620\Francois without this command – run "SELECT SYSTEM_USER" in a query window to see who you are. And the reason for this is that a Windows login also can have access through a Windows group. And indeed:

Instead, I see:
– BULTIN\Administrators (What is it? And why is it not D620\Administrators,

This is how you get in. I don't know why it's called BUILTIN\Administrators, rather than <machine>\Administrators. But maybe this so they easier can write documentation around it. Or that the name is hardwired somewhere.

Anyway, BUILTIN\Administrator gives sysadmin access to SQL Server to all Windows uses with admin access to Windows. There are situations where you prefer to drop this entry. For instance you are the DBA, but you don't want the network admin to fiddle inside SQL Server. (Before you do this, be sure that have created another login with sysadmin rights!)

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– NT AUTHORITY\SYSTEM (who is that fellow?)

Mumble, also some built-in Windows entity. LocalSystem, I think.

How can I know if D620\Francois got admin rights

```
select is_srvrolemember('sysadmin')
```

When you are logged in as D620\Francois

and if he is dbo of all db?

```
sp_helpdb
```

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Books Online for SQL Server 2005 at

<http://www.microsoft.com/technet/prodtechnol/sql/2005/downloads/books.msp>

Books Online for SQL Server 2000 at

<http://www.microsoft.com/sql/prodinfo/previousversions/books.msp>

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