

## Re: MSDE does not work for XP power user

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*Source:*

<http://www.tech-archive.net/Archive/SQL-Server/microsoft.public.sqlserver.msde/2008-01/msg00002.html>

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- *From:* "Norman Yuan" <FakeName@xxxxxxxxxxxxxx>
  - *Date:* Sat, 19 Jan 2008 09:12:57 -0700
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It is not whether the user is "power user" or "admin". It is because of SQL Server security. You must understand how to configure SQL Server/MSDE to allow different users to access different data in a database of SQL Server/MSDE. Yes, an local "Admin" user has all access to to the SQL Server/MSDE, by default. But that does not mean user has to be "admin", and more importantly, users who only need to access certain data in the SQL Server/MSDE should only be able to access the data they supposed to be, not anything else, especially not the permission to alter SQL Server/MSDE's configuration, database design...

Sure, if your application is simple and the database is simple, you can let your user always logs in as local admin, so your app will work risking the user breaks the entire Windows.

So, study a bit more on SQL Server/MSDE security is due.

Basically, you need:

1. Determine which user who logs on this computer would use your application/access the database in MSDE. Does he need to access data only, or does he need to configure/change/desgn the MSDE/database
2. Do you want to use MSDE in Windows security mode or SQL Server security (mixed mode)? By default installation, only Windows security is enabled. If you want to use SQL Server security (including SQL Server login's username/password in ConnectionString), you need to explicitly enable mixed security mode
3. Create one or more SQL Server logins, map the login(s) to corresponding Windows user account (for Windows security)
4. Make SQL Server login(s) as certain database' user(s), make user certain role in the database;
5. Assign necessary access permission to the database user/role. For example, if you do not want some user to edit data (read only), then you can only give the user "SELECT..." permission, but no "UPDATE..." and "DELETE..." permission to certain tables/views/SPs in the database.

SQL Server/MSDE is a complicated server software, not something you can do double-clicking installing and using. You need a lot of knowledge/skill to set it up properly before using it.

P.S.

In your post, you said "loginmode = sqlserver". If so, whether the user is admin or power user should not have difference if the ConnectionString supplied correct SQL Server login's username/password. So, if admin or power user make difference, then logging in mode is not "sqlserver".

Re: MSDE does not work for XP power user

"Peter Hase" <spam\_sucks\_@xxxxxxx> wrote in message  
[news:8ru3p319hngqmjite44a7m2mmjquaa0ja7@xxxxxxxxxxx](mailto:news:8ru3p319hngqmjite44a7m2mmjquaa0ja7@xxxxxxxxxxx)

Hi,

I have built a MSDE 2000 based application which works fine in in a LAN environment with XP clients under power user rights.

Since the customer took the decision to deploy this we have got the problem, that everything is fine as the user is running with administration rights. If this is changed to 'power user' the client does not show any data. No error will be thrown. Why this and how can I fix it?

Conditions: MSDE 2000 under Window XP, local installation (notebook), loginmode = sqlserver. Client is a .NET Windows application.

Thanks in advance.

Peter