

Re: SQL Server 2000 (Application) Role accessed through ADO.NET

Source: <http://www.derkeiler.com/Newsgroups/microsoft.public.sqlserver.security/2003-05/0113.html>

From: Mandar Naik[MSFT] (mandarn_at_online.microsoft.com)

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Hi Shri,

There is a known issue pertaining to this that I am aware of. You can check the following Knowledge Base article,

<http://support.microsoft.com/default.aspx?scid=kb;EN-US;Q229564>

The resolution to this is also mentioned in the article.

Hope this helps.

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Regards,

Mandar Naik

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"Shri" <subsandnews@hotmail.com> wrote in message

news:077e01c31633\$6dd2caa0\$a301280a@phx.gbl...

> Hello World,

>

> My goal is to use windows authentication only but stop
> users from connecting to SQL Server through other MSOffice
> tools (like MSAccess link tables) and manipulate data in
> the database.

>

> The database role (Application role) claims to answer my
> question and give only applications access to the database.

>

> I created a method which takes in an SQL statement as a
> parameter and execute it. So inside the method....

>

> 1. I establish the connection to the database
> using "Integrated Security" (for windows authentication)
> through the Connection Object of ADO.NET

>

> 2. I execute sp_setapprole stored procedure (providing the
> app role name and password that has already been created
> on the database I am trying to access).

>

> 3. Then I execute the SQL statement passed to the method
> using the command object's ExecuteReader method and store
> the output in a DataReader.

>
> 4. I close the connection and return the contents of the
> DataReader.
>
> With the above approach, only one SQL Statement executes.
> As soon as I call the method for the second time, the
> method fails when it is trying to execute the
> sp_setapprole. I get a "General network error. Check your
> network documentation" error.
>
> One other observation : When I don't close the connection
> or dispose it, I am able to execute the method for only
> nine times. The tenth time the method is called, I get the
> same error.
>
> My need is that I should be able to call the method any
> number of times (that is to call sp_setapprole before I
> execute my SQL statement).
>
> My development environment is VB.NET on .NET Framework 1.0
> and SQL Server 2000. The underlying operating system is
> Windows 2000.
>
> Any ideas somebody.... anybody.... HAAAAALP!!
>
> In advance, I thank you for your help. Al