

Re: Limiting a user to only executing a stored only that access an

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- *From:* Michael @ SGMS <[MichaelSGMS@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:MichaelSGMS@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)>
  - *Date:* Sun, 16 Jul 2006 17:30:01 -0700
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My apologies, I understand what your referring to now.

Here is what I am trying to accomplish:

I would like to find a way to allow users to only view (that it exists, not the underlying source code) and execute a stored procedure.

I do not want the user to see schema information --- the tables in the db, views, stored procs, ect. The third party vendors we work with have the same tools as we do (Enterprise Manager).

It is amazing how much information you can see with limited rights, with the right tools. In one test, I simply gave the user login to the database and the ability to execute a stored procedure and they could still view all the schema type information.

My guess is there isn't a fix for this? Does this clarify my objective?

"Sue Hoegemeier" wrote:

Yes...it looks like what you described is just what I described and that can be impacted by ownership chains. But you said it's not the case at all.

But with no errors or information on what's not working, I'm still trying to guess here. Going back to your first post, "What I would like is to create another database, that has only stored procedures in it that access data in other dbs. Can this be done? "

And grant the users access to the other database only? It won't work if that's what you are trying to do. You would get the error:YourUser is not a valid user in database 'YourDatabaseWithData' if that user does not have access to the database with the data.

Or you have to enable guest which isn't a good idea.

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-Sue

On Fri, 14 Jul 2006 09:47:01 -0700, Michael @ SGMS  
<MichaelSGMS@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote:

This is not the case at all.

I have a stored procedure on my test database that executes a statement to retrieve data from Northwind. I am trying to limit my users ability to see any database internals related to Northwing and only let him see the data. ( No object definition items )

So I create an empty database. Give the user a login and access to that database. Then I create a proc that says Select \* from Northwind..Customers. It this the ownership issue your referring too.

Man this should not be so painful.

"Sue Hoegemeier" wrote:

I'm not following your example – it sounds like you may have a stored procedure in NorthwindTest that executes some SQL statement that references objects in another database named Northwind using three part name qualifier. If that's the case and you are on SP 3 or higher for SQL Server 2000, you may be hitting issues on how you have cross database ownership configured. Check books online and the topics for Cross-Database Ownership Chaining  
The topic: Using Ownership Chains explains things pretty well.

-Sue

On Fri, 14 Jul 2006 09:11:01 -0700, Michael @ SGMS  
<MichaelSGMS@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote:

Thank you for your response. Your correct I am using SQL Server 2000.

My approach fails however. I cannot find a way to give the user in db1 access to the data in db2 without giving him/her a login to that database. Once they have a login, they can see all sorts of objects I would rather that they don't.

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Am I missing something simple here.

Take the Northwind database. I created a NorthwindTest database. I took a stored proc from northwind, modified it appropriately so that its fully qualified ( Northwind..blah). I cannot get the proc in NorthwindTest to execute properly without the user (who I only want to have a login to NorthwindTest) login to Northwind.

"Arnie Rowland" wrote:

I assume that you are using SQL 2000.

Your suggestion of creating a db that only contains sprocs (no data) and accesses a second db could serve your purpose. Be sure that the 'general login' does not exists in the db containing data. Any activity that requires admin privileges, such as using xp\_cmdshell won't work unless the 'general login' has admin privileges in the data db –therefore defeating your 'scheme'.

They will be able to access the sproc definitions so this will not allow you to obfuscate object names –if that is of any importance. Encryption would help with that.

It sounds like you are providing them access through your firewall. Have you taken precautions such as a firewall rule that restricts

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access to the IP  
ranges from the vendor? (If  
not, the world will be testing  
their cracking  
tools on your server.)

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Arnie Rowland\*  
"To be successful, your  
heart must accompany your  
knowledge."

"Michael @ SGMS"

<MichaelSGMS@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

wrote in message

[news:560B14F2-3874-441C-AAC9-F30A35EC23B4@xxxxxxxxxxxxxxxxxxxx](mailto:news:560B14F2-3874-441C-AAC9-F30A35EC23B4@xxxxxxxxxxxxxxxxxxxx)

We deal  
with third  
party  
vendors that  
we are  
required to  
grant access  
to  
data  
in our  
database.  
They have  
Enterprise  
Manager, so  
when a  
general  
login  
in  
is created  
they can see  
iyr views  
tables,  
stored  
procs, and  
any other  
object.  
( I know  
about  
encryption,  
but I want  
to go further  
than that )

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What I would like is to create another database, that has only stored procedures in it that access data in other dbs. Can this be done? Is there an easier way to meet my objective? I don't want third parties looking at anything regardless of the tool they are using.

In the near future we will make our data that is public available through a Web service, but in the meantime is there an answer?

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