

## Re: public role question

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*Source:* <http://www.derkeiler.com/Newsgroups/microsoft.public.sqlserver.security/2006-04/msg00155.html>

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- *From:* Dan D. <DanD@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>
  - *Date:* Mon, 24 Apr 2006 12:36:02 -0700
- 

I'm sorry. I didn't understand what Dan was asking me to do. If I log in through QA using the new user and run "select user" I get "dantest" which is the new user. Then I am able to create a stored procedure. If I run 'EXEC sp\_helprotect NULL, 'dantest', I get "There are no matching rows on which to report.". If I run EXEC sp\_helprotect NULL, 'public', I get a list of 18 system tables with select permissions.

--  
Dan D.

"Kalen Delaney" wrote:

If 'select user' is returning DBO, it means you are connecting AS DBO, and not as your new user.

You ARE the special DBO user, and not the new user, which is why you have all these permissions. You are not connecting as your new user and not testing the permissions the new user has.

So again, please tell us exactly HOW you are trying to connect as the new user. If you are connecting through QA, please tell us what you are putting in every box in the connection dialog.

(Telling you that dbo 'owns' the database would be meaningless. DBO is a user name. It is the name always given to whatever login is the owner of the database, when that login connects to the database. Please read about logins and user names in the Books Online.)

--  
HTH  
Kalen Delaney, SQL Server MVP  
[www.solidqualitylearning.com](http://www.solidqualitylearning.com)

"Dan D." <DanD@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message  
[news:A193F3D7-B34C-49A8-AA8E-2CA851011AFD@xxxxxxxxxxxxxxxxxxxx](mailto:news:A193F3D7-B34C-49A8-AA8E-2CA851011AFD@xxxxxxxxxxxxxxxxxxxx)

The new user that I created in the new database I connected to through QA

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and  
was able to create a stored procedure. If I run EXEC sp\_helprotect NULL,  
'public', the only permissions that public has is for "select" to 18  
system  
tables. If I run "select user" (and what does this tell me – who owns the  
database?), I get 'dbo'. So I'm wondering how I'm able to create a stored  
procedure if public doesn't have permissions and the new user is only in  
the  
public role with no other permissions?

Are you saying that the permissions to create the stored procedure are  
coming from dbo so I need to revoke them from 'dbo'?

The ultimate objective is to be able to create a login/user that a web app  
will use and the user should only have permissions for "select" to the  
views  
and "execute" on the stored procedures with no permissions on the  
underlying  
tables. Would I need to revoke insert, update, and delete permissions from  
public in this case?

Thanks for you help,  
--  
Dan D.

"Kalen Delaney" wrote:

Hi Dan

The user dbo is a privileged user and can create tables and  
procs,  
execute  
procs, and access data in all the tables. You should try to  
revoke  
permissions from the user dbo.

You have said you created a new user. How are you trying to  
connect as  
that  
new user?

--  
HTH  
Kalen Delaney, SQL Server MVP  
[www.solidqualitylearning.com](http://www.solidqualitylearning.com)

"Dan D." <DanD@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in  
message

Re: public role question

news:FB897411-12FA-47C0-BDD8-5855475E1A2C@xxxxxxxxxxxxxxxxxxxx

It returns 'dbo'.

--

Dan D.

"Dan Guzman" wrote:

What does the query  
'SELECT USER' return?

--

Hope this helps.

Dan Guzman  
SQL Server MVP

"Dan D."

<DanD@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

wrote in message

news:2E69E961-1C77-4B9D-9962-F4C11B7017EB@xxxxxxxxxxxxxxxxxxxx

In the new  
database  
that I  
created, I  
was able to  
create a  
stored  
procedure.  
I ran EXEC  
sp\_helprotect  
NULL,  
'public' but I  
don't see the  
"create  
procedure"  
permisson  
listed under  
the action  
column.  
How am I  
able  
to  
create  
a stored  
procedure  
with a user  
that is only

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a member  
of public  
and  
has  
no  
other  
permissions?

--

Dan D.

"Dan D."

wrote:

Using  
SS2000  
SP4.  
I'm  
trying  
to  
lock  
down  
the  
database  
as  
much  
as  
possible.  
I  
created  
a  
new  
sql  
server  
login  
and  
gave  
the  
user  
no  
permissions  
other  
than  
public  
role.

Why  
am  
I  
able

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to  
create  
a  
stored  
procedure  
with  
the  
new  
user.  
I  
thought  
Public  
had  
select,  
insert,  
update,  
delete  
permissions.  
Does  
that  
allow  
a  
user  
to  
create  
a  
stored  
procedure?

Thanks,  
--  
Dan  
D.