

Re: object level permissions being lost when migrating

Source: <http://www.derkeiler.com/Newsgroups/microsoft.public.sqlserver.security/2007-09/msg00009.html>

- *From:* DSM_DBA <dsmdba@xxxxxxxxxxxx>
 - *Date:* Tue, 4 Sep 2007 13:10:04 -0700
-

Certainly,

I first transferred the logins from the 2000 server to the 2005 server via the script to transfer logins provided by Microsoft.

I then restored the databases and re-synched the users via the `sp_change_users_login` procedure. At this point, I expect the SIDs to be matched up and the object level permissions to be as they were on the databases that reside on the SQL 2000 server (which I still have and can compare for reference).

However, there are a lot of object level permissions set in this application and I can look at the permissions on SQL 2000 databases and they do not match that on the SQL 2005 databases. These are all left at 8.0 compatibility mode. Some of the permissions are there, some role memberships are there, but all are not. I have reverse engineered the grant statements from 2000 and run them on the 2005 databases as a work around, but I shouldn't have to do that. I have not had to when transferring to 2000 servers.

Again, I thank you for your help.

"Andrew J. Kelly" wrote:

Can you be more specific as to what the problem is? Did you remap the Logins to the Users? If so was it successful? What are you using to determine they are not there?

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Andrew J. Kelly SQL MVP
Solid Quality Mentors

"DSM_DBA" <dsmdba@xxxxxxxxxxxx> wrote in message
news:82476EC7-319C-4D83-BBD7-F90074EDBB84@xxxxxxxxxxxxxxxxxxxx

Thank you Andrew. While I understand that the permissions are at the Database level, that is why I am not understanding why I have an issue. I have done the methods you linked to multiple times from 2000 to 2000 with no issue.

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If you have any other ideas, I would appreciate them (most of the links actually didnt' work for me, but I've been to those sites and done the migrating logins process)

"Andrew J. Kelly" wrote:

Object permissions are at the db user level not the Login and are always carried over with the db. But you may have lost the link between the login and the user. Have a look at these:

<http://www.sqlservercentral.com/columnists/cBunch/movingyouruserswiththeirdatabases.asp>

Moving Users

<http://www.support.microsoft.com/?id=246133> How To

Transfer Logins

and

Passwords Between SQL Servers

<http://www.support.microsoft.com/?id=298897> Mapping

Logins & SIDs

after

a Restore

<http://www.dbmaint.com/SyncSqlLogins.asp> Utility to map

logins to

users

<http://www.support.microsoft.com/?id=168001> User Logon

and/or

Permission

Errors After Restoring Dump

<http://www.support.microsoft.com/?id=240872> How to

Resolve Permission

Issues When a Database Is Moved Between SQL Servers

http://vyaskn.tripod.com/moving_sql_server.htm Moving

DBs

[http://msdn2.microsoft.com/en-us/library/ms345408\(en-US,SQL.90\).aspx](http://msdn2.microsoft.com/en-us/library/ms345408(en-US,SQL.90).aspx)

Moving

system dbs 2005

<http://www.databasejournal.com/features/mssql/article.php/3379901>

Moving

system DB's 2000

<http://www.support.microsoft.com/?id=314546> Moving DB's

between

Servers

<http://www.support.microsoft.com/?id=224071> Moving SQL

Server

Databases

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to a New Location with Detach/Attach

<http://www.support.microsoft.com/?id=221465> Using WITH MOVE in a

Restore

<http://www.sqlservercentral.com/scripts/scriptdetails.asp?scriptid=599>

Restoring a .mdf

<http://www.support.microsoft.com/?id=307775> Disaster

Recovery

Articles

for SQL Server

<http://www.support.microsoft.com/?id=320125> Moving a

Diagram

<http://www.support.microsoft.com/?id=274463> Copy DB

Wizard issues

2000

<http://www.sqlservercentral.com/scripts/contributions/1598.asp>

Script

Roles and Permissions

Andrew J. Kelly SQL MVP

Solid Quality Mentors

"DSM_DBA" <dsmdba@xxxxxxxxxxxx> wrote in message

news:ABFB1431-34F6-4B4D-85A4-A07AB03C391E@xxxxxxxxxxxxxxxxxxxx

Hi,

I'm moving databaes from 2000 to 2005 via either detach/attach or backup/restore and object level permissions being lost.

I had first moved the logins and that seemed to work fine then upon restoring the databases and leaving them at 8.0 compatibility (which

is

the

requirement of the application) the explicit object permissions are

not

restored.

There must be something obvious staring me in the face, but I don't see

it.

Any help or guidance would be appreciated.

Thanks,

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