

Re: SP accessing other db

Source: <http://www.derkeiler.com/Newsgroups/microsoft.public.sqlserver.security/2005-08/0141.html>

From: Dan Guzman (guzmanda_at_nospam-online.sbcglobal.net)

Date: 08/13/05

Date: Fri, 12 Aug 2005 22:44:13 -0500

Out of curiosity, why do you pass the database name as a parameter? It seems to me you can simply use a hard-coded 3-part name (dbname.dbo.SomeTable).

Note that you'll also need to enable cross-database chaining ('db chaining' database option) in these databases so that permissions aren't needed on objects in the other database. Also, the databases need to have the same owner so that the dbo users map to the same login. See the Books Online for security considerations with cross-database chaining.

```
--
Hope this helps.
Dan Guzman
SQL Server MVP
"Tumurbaatar S." <spam_tumur@magicnet.mn> wrote in message
news:uapIAH7nFHA.1204@tk2msftngp13.phx.gbl...
> The problem that the 1st db is under my control: I designed and created
> it.
> But the 2nd one is a db from some 3rd party application. We're adding
> an additional functionality to it, but trying to avoid modifications on
> the original db.
> Or at least a modification should be as small as possible.
> And now I see only one way: add one more SP but on the 2nd db.
> The 1st SP calls the 2nd SP, the user has only EXEC permission, no other
> rights.
>
>
>
> "Dan Guzman" <guzmanda@nospam-online.sbcglobal.net> wrote in message
> news:OB5jha0nFHA.3256@tk2msftngp13.phx.gbl...
>> Permissions on objects referenced by the dynamic SQL statement are
>> required. SQL Server can make no assumptions about the executed statement
>> so dynamic SQL always breaks the ownership chain.
>>
>> The larger issue is why you need to use multiple databases. I would
>> think it would be possible to use a single database with an additional
>> column to logically partition the data. This would allow you to leverage
>> ownership chain security so that permissions on indirectly referenced
>> objects are not needed.
>>
>> --
>> Hope this helps.
>>
>> Dan Guzman
>> SQL Server MVP
```

Re: SP accessing other db

