

Re: sa privileges and roles

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

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You can grant direct permissions to sp_OA* procs to non-sysadmin users but you need to consider the security implications. The OS security context will be the SQL Agent proxy account and users will be limited only by the permissions of that account. There is nothing that will prevent users with execute permissions to run ad-hoc commands.

Another option is to create a dbo-owned user proc in an sa-owned user database that executes sp_OA* with only your needed application functionality. The proc should be coded in such a way to prevent injection of ad-hoc commands. You can then enable cross-database ownership chaining in your user database and grant execute permissions only on your user proc. Role members will be restricted to the functionality of the user procedure.

Note that you should enable cross-database chaining in an sa-owned database when only sysadmin role members have permissions to create dbo-owned objects in that database.

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Hope this helps.

Dan Guzman

SQL Server MVP

"Pranav" <pranavr@hotmail.com> wrote in message
news:e2c10da5.0410141956.1f4e776c@posting.google.com...

> Hi All,
> We have a security requirement that the user account used to connect
> to sql should not have sysadmin priv. Now, we perform operations in SQL
> that make use of things like
> sp_OACreate/sp_replicationdboption/sp_dropdevice etc.
> BOL says
> "Only members of the sysadmin fixed server role can execute
> sp_OACreate."
>
> What I want to do is create a role, give this role explicit execute
> permission on the specific sp_* and add my user account to this role
> (and revoke the sa privileges).
> Do you think this approach is ok? The concern raised was that the doc
> explicitly asks for members of sysadmin. This is different from a
> statement like
>
>
> "Execute permissions default to members of the sysadmin and diskadmin
> fixed server roles."
>

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- > Thanks
- > Pranav