

Re: extended stored procedure catch 22

Source: <http://www.derkeiler.com/Newsgroups/microsoft.public.sqlserver.security/2005-02/0142.html>

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

Date: 02/17/05

Date: Wed, 16 Feb 2005 19:47:17 -0600

> *Am I correct in saying that the only way to
> enable extended stored procedures from a UDF/Stored-Procedure is to enable
> chaining?*

Yes, assuming that you don't grant execute permissions on the extended stored procedure.

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Hope this helps.

Dan Guzman

SQL Server MVP

"Neil W." <neilw@netlib.com> wrote in message

news:lrSQd.5118\$SP4.4094@fe11.lga...

> Thanks for the reply, Dan. Am I correct in saying that the only way to
> enable extended stored procedures from a UDF/Stored-Procedure is to enable
> chaining?

>

> -----

> "Dan Guzman" <guzmanda@nospam-online.sbcglobal.net> wrote in message

>> Cross-database chaining is off by default in SQL 2000 SP3+ so that you
> don't

>> inadvertently open a security hole. You should enable 'db chaining' in
> your

>> user database only if you fully understand the security implications.

>>

>> The main cross-database chaining consideration with an sa-owned user
>> database is that only sysadmin role members should have permissions to
>> create dbo-owned objects in that database. The DBA should scrutinize
>> database objects to ensure that only the intended commands can be
> executed.

>> As long as you've locked-down the user database, you can leverage
>> cross-database chaining to provide needed application functionality while
>> preventing direct ad-hoc extended stored procedure execution.

>>

>> --

>> Hope this helps.

>>

>> Dan Guzman

>> SQL Server MVP

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>> "Neil W." <neilw@netlib.com> wrote in message

>> news:e%23oF3H7EFHA.392@TK2MSFTNGP14.phx.gbl...

>> > How does a stored procedure call an extended stored procedure, when the

>> > stored procedure is not in master? (I dont want to give direct

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> permission
>> > to the underlying extended stored procedure).
>> >
>> > It seems you have to turn on database chaining, yet there are articles
> all
> > over the place saying database chaining is a security risk. "That's
> quite
>> > a
>> > catch, our Catch-22".
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>> > Any suggestions for the best approach?
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>> > Thanks.
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