

Re: How can I see what permissions "VIEW SERVER STATE" has?

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Source: <http://www.derkeiler.com/Newsgroups/microsoft.public.sqlserver.security/2007-07/msg00053.html>

- *From:* Erland Sommarskog <esquel@xxxxxxxxxxxxx>
 - *Date:* Wed, 11 Jul 2007 21:34:34 +0000 (UTC)
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(pshroads@xxxxxxxxx) writes:

The problem is that I want to grant some developers access to certain dynamic management views in production such as `sys.dm_exec_query_stats`. But before I grant them VIEW SERVER STATE permissions I want to know what else they will be able to see with those permissions. There is no guarantee that those 119 articles cover all the VIEW SERVER STATE permissions. There should be a command to explicitly list what VIEW SERVER STATE gives you access to.

Isn't the number 119 enough to give you a hint? On in three words: don't do it.

Instead wrap `dm_exec_query_stats` in a view, or a table-valued function that you sign with a certificate. Then you create a login to that certificate, and grant that login VIEW SERVER STATE. Then you grant access to the devs you want to see the `query_stats` data access to the view/function.

Some notes:

- 1) A view is probably the most desirable, but I'm not sure whether that will work. You may need a multi-statement UDF. (An inline UDF is the same as a view.)
- 2) The login is not one that actually can login. It's just an appendix to the certificate.
- 3) I have a much more detailed description on certificate signing on my web site: <http://www.sommarskog.se/grantperm.html>.

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Books Online for SQL Server 2005 at
<http://www.microsoft.com/technet/prodtechnol/sql/2005/downloads/books.mspx>

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