

Re: Job owned by a non-sysadmin fails to run

Source: <http://www.derkeiler.com/Newsgroups/microsoft.public.sqlserver.security/2006-12/msg00180.html>

- *From:* "Ivan Gerken" <testivan@xxxxxxxxxxxxxx>
 - *Date:* Tue, 26 Dec 2006 17:42:24 +0200
-

– SQL Server service and SQL Server Agent service run under the same account

Yes, referred to earlier as sqlservice. However, the services MSSEARCH, MSSQLServerADHelper, MSSQLServerOLAPService run under Local System (I think it hardly matters but just in case).

– The account is a member of the local administrators group
Yes, plus OLAP Administrators and Users.

– xp_cmdshell runs fine when invoked by non-sysadmins
Yes. User account is a member of Users and Remote Desktop Users.

– CmdExec jobs fail for jobs owned by non-sysadmins
Yes, even after restarting both MSSQLSERVER and SQLSERVERAGENT.

"Dan Guzman" <guzmanda@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message news:A7AC10BD-AE8F-4C96-ADE3-1F1603A38D9C@xxxxxxxxxxxxxxxxxxxx

Lets make sure I have the relevant details right since so much has been discussed in this thread:

– SQL Server service and SQL Server Agent service run under the same account

– The account is a member of the local administrators group

– xp_cmdshell runs fine when invoked by non-sysadmins

– CmdExec jobs fail for jobs owned by non-sysadmins

What I find strange is that xp_cmdshell works but CmdExec doesn't. I can see how this might be the case if you used different service accounts and the SQL Agent service account lacked the advanced user rights (e.g. 'act as part of the operating system' and 'replace a process-level token') that are needed to switch security context to the proxy account.

Can you double-check to ensure the same service account is used for SQL

Re: Job owned by a non-sysadmin fails to run

Server and SQL Server Agent services? If you have made changes to service account security, have you since restarted the service? In some cases, a server restart is needed in order for security changes to fully take affect.

—

Happy Holidays

Dan Guzman
SQL Server MVP