

## Re: xp\_cmdshell issue, local system

**Source:** <http://www.derkeiler.com/Newsgroups/microsoft.public.sqlserver.security/2005-11/0149.html>

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**From:** yodarules (yodarules\_at\_discussions.microsoft.com)

**Date:** 11/23/05

Date: Wed, 23 Nov 2005 10:47:04 -0800

Hey Dan,

Thanks for the reply. So initially I tried to change the login using EM, but when ever I tried to do that it always hung and I had to EndTask EM, so thats the reason why I changed the login using services screen. So what I did now was stopped the agent service, then went and changed the startup account to the localsystem for SQL Server and the same for agent which worked surprisingly. Then I went and reverted back to my original login for sql server which is .\sqluser (a local user in the administrators group) it worked. Now when I go and try the same for the agent startup account it errors out.

Error 15401 : Windows NT User or group '.\sqluser' not found. Check the name again

Ok on this

Error 15007 : The login '.\sqluser' does not exist

I have windows 2003 Std Edition with SP1, SQL Server Enterprise with SP4

How is that it worked for one (sql server startup account) but not for agent. I double checked, the user exists.

Thanks.

"Dan Guzman" wrote:

> > *Msg 50001, Level 1, State 50001*  
> > *xp\_cmdshell failed to execute because CreateProcessAsUserW returns error*  
> > *1314. please make sure the service account SQL Server running under has*  
> > *appropriate privilege.*  
>  
> *As the message indicates, this error may be because the SQL Server service*  
> *account doesn't have the rights necessary to change security context to the*  
> *proxy account. Specifically, 'act as part of operating system' and 'replace*  
> *a process level token' are needed. These rights are set automatically*  
> *during SQL Server installation and when the account is changed using*

> *Enterprise Manager but not when you change the account directly from*  
> *Windows.*  
>  
> *The easiest way to assign the rights is to use EM to change the SQL Server*  
> *account to local system and then back to the desired domain account.*  
>  
> --  
> *Hope this helps.*  
>  
> *Dan Guzman*  
> *SQL Server MVP*  
>  
> *"yodarules" <yodarules@discussions.microsoft.com> wrote in message*  
> *news:8BD28577-F4B6-4F84-B116-F9930A32F8AC@microsoft.com...*  
> *>I want to give access to a regular user to execute xp\_cmdshell. To do so,*  
> *>I*  
> *> followed all KB articles and did the following*  
> *>*  
> *> EXEC master.dbo.xp\_sqlagent\_proxy\_account N'SET',*  
> *> N'Domain', -- agent\_domain\_name*  
> *> N'name', -- agent\_username domain*  
> *> N'password' -- agent password*  
> *>*  
> *> -- Enable non-system administrators to run the job and to execute*  
> *> xp\_cmdshell.*  
> *> EXECUTE msdb..sp\_set\_sqlagent\_properties @sysadmin\_only = 0*  
> *>*  
> *> grant execute on xp\_cmdshell to name -- Enter the user name again without*  
> *> quotes*  
> *>*  
> *> If I log in as this user 'name' and execute master..xp\_cmdshell 'dir'.*  
> *> Its*  
> *> fine. My problem is, the system that I want this to work in is not part*  
> *> of a*  
> *> domain. Its a stand alone SQL Server box. So I set these*  
> *> EXEC master.dbo.xp\_sqlagent\_proxy\_account N'SET',*  
> *> N'computer-name', -- agent\_domain\_name*  
> *> N'localuser', -- agent\_username domain*  
> *> N'password' -- agent password*  
> *>*  
> *>*  
> *> When I set as local user and computer name I get no errors. But when I*  
> *> execute xp\_cmdshell I doesn't work. The localuser is part of*  
> *> administrators*  
> *> group as well. The error that I get is*  
> *>*  
> *> Msg 50001, Level 1, State 50001*  
> *> xp\_cmdshell failed to execute because CreateProcessAsUserW returns error*  
> *> 1314. please make sure the service account SQL Server running under has*  
> *> appropriate privilege. For more information, search Book Online for topic*  
> *> related to xp\_sqlagent\_proxy\_accoun*

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> >

> > *Has anyone seen this before and any ideas to resolve it. Thanks.*

>

>

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