

## Re: Question about "Distribution clean up: distribution" Job

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*Source:*

<http://www.tech-archive.net/Archive/SQL-Server/microsoft.public.sqlserver.replication/2007-01/msg00144.html>

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- *From:* "Raymond Mak [MSFT]" <[rmak@xxxxxxxxxxxxxxxxxxxxxxxx](mailto:rmak@xxxxxxxxxxxxxxxxxxxxxxxx)>
  - *Date:* Wed, 10 Jan 2007 14:53:24 -0800
- 

I am guessing (again) that the SQL Server Agent service account is not what xp\_cmdshell running under in the cleanup scenario, another suspect will be the SQL Server service account. In any case, you should be able to find out exactly which security account is doing the delete using the filemon.exe tool from sysinternals.com.

"Ken Powers" <[KenPowers@xxxxxxxxxxxxxxxxxxxxxxxx](mailto:KenPowers@xxxxxxxxxxxxxxxxxxxxxxxx)> wrote in message <news:6B416C84-EBDE-469A-AA39-0E94DD2F2DE7@xxxxxxxxxxxxxxxx>

You're right. Originally, the Agent service account had not been granted access to the Snapshot folder (P:\ReplData). However, I was still receiving the error even after I granted the service account "Full Control" over the share.

"Raymond Mak [MSFT]" wrote:

Hi Ken,

I am guessing that the SQLServerAgent service does not have sufficient rights to remove folders under P:\ReplData. As such, you may want to try right-clicking the folder in Windows Explorer and grant the SQLServerAgent service account Full Control rights on it.

-Raymond

"Ken Powers" <[KenPowers@xxxxxxxxxxxxxxxxxxxxxxxx](mailto:KenPowers@xxxxxxxxxxxxxxxxxxxxxxxx)> wrote in message <news:4F98FEE4-6C0D-4274-A6C4-8384EADB82A9@xxxxxxxxxxxxxxxx>

It is SQL Server 2005 and xp\_cmdshell was already enabled.

"Hilary Cotter" wrote:

Re: Question about "Distribution clean up: distribution" Job

Is this SQL 2005? If so you need to enable xp\_cmdshell.  
If it is SQL 2000 you need to ensure that no one else is accessing this directory.

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Hilary Cotter

Looking for a SQL Server replication book?  
<http://www.nwsu.com/0974973602.html>

Looking for a FAQ on Indexing Services/SQL FTS  
<http://www.indexserverfaq.com>

"Ken Powers"  
<KenPowers@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>  
wrote in message  
<news:6E882295-B0F5-4FA8-A3ED-731CFB672615@xxxxxxxxxxxxxxxxxxxx>

Can the manner in which you remove a publication effect the ability of this job to run?

I had been experiencing errors with this job. The error message was as follows:

"Executed as user:  
<SQLServerAgentDomainAccount>.  
Could not remove directory  
'P:\ReplData\unc\YKCLNSE\_CLGWAREHOUSEPROD\_STAGINGDAILY'  
Check the security context of xp\_cmdshell and close other processes that may be accessing the directory.  
[SQLSTATE 42000] (Error 20015). The step

Re: Question about "Distribution clean up: distribution" Job

failed."

I run my SQL Server Agent process with an account that does not have sysadmin rights. After reading a few other posts with this same error, I experimented with running the job as a user with sysadmin rights. Unfortunately, I still had the same error.

Then I went into the job step and copied the command it was attempting to run. This is the command:

```
"EXEC  
dbo.sp_MSdistribution_cleanup  
@min_distretention = 0,  
@max_distretention = 72"
```

I pasted this command into a query window and attempted to run it under my own login, which is a member of the sysadmin role and is also a member of the Local Administrators group. It still could not run.

The folders the command was trying to delete were used for Publications that no longer existed. So I went ahead and deleted the folders manually.

Re: Question about "Distribution clean up: distribution" Job

Now  
the command ran  
successfully.

I am thinking something  
went wrong during the  
process of removing  
the  
publications and  
subscriptions. Anyone have  
any idea what might  
have  
happened?