

Re: Sql 2000 Maintenance Plan not deleting old transaction logs

Source:

<http://www.tech-archive.net/Archive/SQL-Server/microsoft.public.sqlserver.tools/2006-03/msg00048.html>

- *From:* "Chris Newby" <Chris.Newby@xxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Tue, 7 Mar 2006 12:47:25 -0500
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Yeah ... I had actually chosen the "All Databases" option in the General Tab of the Maintenance properties dialog. So that would mean the system databases are included which use simple recovery. And that is definitely what is causing the problem.

I used the "All Databases" option because we have several DBs and I figured this was simply the most comprehensive backup we could make. So my reasoning was more "why not" as opposed to "why" if you know what I mean.

Anyway, that makes things a little more complicated, but it's not too bad

That was very helpful, thank you Tibor.

"Tibor Karaszi" <tibor_please.no.email_karaszi@xxxxxxxxxxxxxxxxxxxxxx> wrote in message [news:u\\$gg71gQGHA.4900@xxxxxxxxxxxxxxxxxxxxxx](mailto:news:u$gg71gQGHA.4900@xxxxxxxxxxxxxxxxxxxxxx)

Did you include any databases in simple recovery in that plan?

Also see

Below KB might help:

<http://support.microsoft.com/default.aspx?scid=kb;en-us;303292&Product=sql2k>

Also, check out below great troubleshooting suggestions from Bill H at MS:

----- Log files don't delete -----

This is likely to be either a permissions problem or a sharing violation problem. The maintenance plan is run as a job, and jobs are run by the SQLServerAgent service.

Permissions:

1. Determine the startup account for the SQLServerAgent service (Start|Programs|Administrative tools|Services|SQLServerAgent|Startup).

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This

account is the security context for jobs, and thus the maintenance plan.

2. If SQLServerAgent is started using LocalSystem (as opposed to a domain account) then skip step 3.

3. On that box, log onto NT as that account. Using Explorer, attempt to delete an expired backup. If that succeeds then go to Sharing Violation section.

4. Log onto NT with an account that is an administrator and use Explorer to

look at the Properties|Security of the folder (where the backups reside) and ensure the SQLServerAgent startup account has Full Control. If the SQLServerAgent startup account is LocalSystem, then the account to consider

is SYSTEM.

5. In NT, if an account is a member of an NT group, and if that group has Access is Denied, then that account will have Access is Denied, even if that account is also a member of the Administrators group. Thus you may need to check group permissions (if the Startup Account is a member of a group).

6. Keep in mind that permissions (by default) are inherited from a parent folder. Thus, if the backups are stored in C:\bak, and if someone had denied permission to the SQLServerAgent startup account for C:\, then C:\bak will inherit access is denied.

Sharing violation:

This is likely to be rooted in a timing issue, with the most likely cause being another scheduled process (such as NT Backup or Anti-Virus software) having the backup file open at the time when the SQLServerAgent (i.e., the maintenance plan job) tried to delete it.

1. Download filemon and handle from www.sysinternals.com.

2. I am not sure whether filemon can be scheduled, or you might be able to use NT scheduling services to start filemon just before the maintenance plan job is started, but the filemon log can become very large, so it would

be best to start it some short time before the maintenance plan starts.

3. Inspect the filemon log for another process that has that backup file open (if your lucky enough to have started filemon before this other process grabs the backup folder), and inspect the log for the results when the SQLServerAgent agent attempts to open that same file.

4. Schedule the job or that other process to do their work at different times.

5. You can use the handle utility if you are around at the time when the job is scheduled to run.

If the backup files are going to a \\share or a mapped drive (as opposed to

local drive), then you will need to modify the above (with respect to where

the tests and utilities are run).

Finally, inspection of the maintenance plan's history report might be

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useful.

Thanks,

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"Chris Newby" <Chris.Newby@xxxxxxxxxxxxxxxxxxxxxx> wrote in message
<news:Ou1TQ1fOGHA.2040@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>

I created a maintenance plan using enterprise manager 8 for a sql server 2000 database. In regards to the transaction log, the maintenance plan is configured to:

- backup the transaction log
- verify the backup's integrity
- use a non-default file system location for storage
- *remove files older than 1 day*
- use TRN as a file extension
- scheduled to run nightly

Everything works fine with one exception: the older transaction log backups are not being deleted (those that are older than one day).

This same maintenance plan is also configured identically to backup the database data, and in that case *is* deleting the older data backups. The plan is also configured to run optimizations once a week on Sundays which include reorganization and shrinking.

Obviously, I'd rather not have to delete these extra backup files manually or with an extraneous script. However the setup and configuration of the maintenance plan is very straight forward ... it simply appears not to work (on the point of the transaction logs).

Our service packs are all up to date and I checked the maintenance plan history log which contained entries like "Delete old db backup files" but did not contain anything like "Delete old transaction backup files" ... so what gives?

Any ideas are much appreciated!

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TIA//