

RE: Timeout problem when move large number of files

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Hi

In effect, you are moving more than 80% of your data that resides in the table.

This has serious locking implications. During the delete, SQL Server probably escalates the lock to a Table lock, resulting in any other access to the table being blocked. Even if it is not a Table lock, just the index maintenance that happens will cause enough blocking so that nobody else can work.

If you need high uptime on a server, and need to do these type of operations, you have to do the deletes in small chunks. 10, 20 or 30 minute chunks will probably be OK.

Moving data around so much does raise a red flag. DB design and indexing sprint to mind.

Regards

Mike

"David" wrote:

- > *Hello, I have a transactions table that has a intensive use all day (24*
- > *hours)*
- >
- > *For better performance at 5 AM, I move all transactions of previous day from*
- > *the production table to a history table.*
- >
- > *The problem is that while moving (2 minutes aprox) all new transactions fall*
- > *in a SQL timeout.*
- >
- > *I use trigger FOR DELETE to move*
- >
- > *in my production table I have this trigger*
- >

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> *CREATE TRIGGER [TGR_TRAN_DELETE] ON [dbo].[Transactions]*
> *FOR DELETE*
> *AS*
> *Insert into DbLog.dbo.his_Transactions select * from deleted*
>
>
> *So, my scheduled Job just do a Delete from Transactions where receivedtime <*
> *DateAdd(dd,-1, getdate())*
>
>
> *Do you know some way to avoid the timeout?*
>
> *Thanks*
>
>
>
>