

Re: transactional replication problem

Source:

<http://www.tech-archive.net/Archive/SQL-Server/microsoft.public.sqlserver.replication/2004-09/0866.html>

From: Hilary Cotter (hilary.cotter_at_gmail.com)

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If the distribution agent can't connect to the subscriber, and yet you can connect to the subscriber manually, through QA or something similar, there is a problem with the distribution agent – probably resource depletion. I'd try to reboot the subscriber or publisher to see if this clears the problem.

The blocking problem doesn't sound normal. I am wondering if perhaps it is blocking itself while updating one of the system tables. Can you run `sp_lock` to try to determine which table(s) it is locking on?

If you have a series of commands in a transaction, all of the commands will be wrapped in a single transaction. If you have cascading deletes/updates the lock will be held on both the parent and child table until both commands complete and the entire transaction is committed.

Are these tables related in any way?

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Hilary Cotter

Looking for a SQL Server replication book?

<http://www.nwsu.com/0974973602.html>

"OJ" <anonymous@discussions.microsoft.com> wrote in message news:027a01c4a1af\$f9d1c700\$a501280a@phx.gbl...

> Hi,

> I have two-way transaction replication. Set of tables from
> several databases is being replicated from server A to
> server B. Problem is with only one database. Everything
> was working OK until today. Log Reader agent failed, and
> when I restarted log reader job of this database (always
> solved the problem before), distribution agent is in
> status Running (Last action: Connecting to Subscriber),
> and after a while it gets general network error.
> There is network connectivity (all other databases
> replicate OK, from both sides), so network is not a
> problem. Everything was working OK for several months, and
> whenever we had network issues between these two servers,
> restart of the jobs was enough.

> I also noticed something strange that might be causing
> this problem: In current activity, there is always one
> process (stored procedure for insert into one of the
> tables of that database, called by replication), that
> blocks another one (also stored procedure for insert into
> DIFFERENT table of the same database, called by

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> replication). These 2 stored procedures/tables don't have
> anything with each other! Therefore, they shouldn't be
> blocking one another: one inserts into one table, and
> second one into different table!!!
> Both servers are sql server 2000, sp3... Network
> connection between is WAN.
> Thanks in advance,
> OJ