

Re: sqlclient: existing connection was forcibly closed

Source:

<http://www.tech-archive.net/Archive/SQL-Server/microsoft.public.sqlserver.clients/2007-06/msg00021.html>

- *From:* pb <pb@xxxxxxxxxxxxxxxxxxxx>
 - *Date:* Wed, 20 Jun 2007 10:58:01 -0700
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I saw that post regarding flipping off Shared Memory. I tried it and it seems to work.

I wonder:

–does Microsoft know about this?

and

–Why aren't more people seeing it?

The box that runs my SQL Server instance also runs a series of processes that access the db, these processes might automatically use the shared memory model vs. TCP (although I am not changing the connectstr, I still specify TCP). Perhaps my situation is more stressful than others causing this bug to appear.

"Andrew J. Kelly" wrote:

Some associated links:

<http://forums.microsoft.com/TechNet/ShowPost.aspx?PostID=134053&SiteID=17>

<http://channel9.msdn.com/ShowPost.aspx?PostID=239593>

This is what someone else who had this issue did:

I went into the Sql Server Configuration Manager, Sql Native Client Configuration → Protocols and disabled Shared Memory and made the TCP/IP protocol #1 in order. Then just restarted the Sql Service and it all started working!

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Andrew J. Kelly SQL MVP

Re: sqlclient: existing connection was forcibly closed

"pb" <pb@xxxxxxxxxxxxxxxxxxxx> wrote in message
news:1CF8C7D3-F472-46CF-8F8F-467545DA869F@xxxxxxxxxxxxxxxxxxxx

i just made the switch from OLEDB to SqlClient in my .Net apps.

now with SqlClient often my db calls throw the following exception:

```
System.Data.SqlClient.SqlException: A transport-level error has occurred
when sending the request to the server. (provider: TCP Provider, error:
0 -
An existing connection was forcibly closed by the remote host.) at
System.Data.SqlClient.SqlConnection.OnError(SqlException exception,
Boolean
breakConnection) at...
```

this happens when the load (or call rate) increases. I don't think its anything I am doing unless I am missing a connect option.

my production environment is:

client side
Windows Server 2003 sp2
.net 2.0

server side
Windows Server 2003 sp2
Sql Server 2005 sp2

Also, on my development machine running Vista, it does not appear that this happens.