

Re: General Network Error – MS Stumped

Source:

<http://www.tech-archive.net/Archive/SQL-Server/microsoft.public.sqlserver.server/2004-02/1285.html>

From: Kevin Spencer (*kevin_at_takempis.com*)

Date: 02/26/04

Date: Thu, 26 Feb 2004 13:52:14 -0500

Have you eliminated hardware or installed software issues by trying to run this on a different pair of machines?

--
HTH,
Kevin Spencer
.Net Developer
Microsoft MVP
Big things are made up
of lots of little things.
"Joe Ross" <joeross252@hotmail.com> wrote in message
news:u55gTVJ\$DHA.1796@TK2MSFTNGP12.phx.gbl...
> I've been working with Microsoft support for over 3 weeks now on an
> intermittent General Network Error we're seeing in our production
> environment between our ASP.NET application and SQL Server 2000. They are
> continuing to work on the issue, but it seems as if our progress is
grinding
> to a halt. I asked this question on the newsgroups before going to MS but
> figured I'd give it another shot now that I have more information.
>
> The problem occurs intermittently (maybe 10 to 15 times per day). It
seems
> to be related to queries that return "large" amounts of data from SQL.
The
> problem started after we made an equipment change. We went from a single
> server hosting both our ASP.NET application and SQL Server 2000, to one
> server hosting IIS and another machine running SQL. An example of the
> exception thrown appears at the bottom of this post.
>
> MS had us perform 3 data captures initially: MPSRPT_MDAC on the IIS
machine,
> MPSRPT_MDAC on the SQL machine, and SQLDIAG on the database server. The
MS
> rep found nothing too out of the ordinary with our configuration, so he
> asked me to do a network capture on both machines while the error
occurred.
>
> I was able to get a good capture in a small window and sent it off to MS.
> The verdict is that IIS is basically halting the request. It is resetting
> the database connection partway through retrieving the results of the
stored
> proc. IIS attempts to close the connection for some reason, SQL ignores
and
> keeps pumping back data, then IIS raises a reset. MS confirmed that there
> is no packet loss. MS has not determined why this is happening and has

microsoft.public.sqlserver.server: Re: General Network Error – MS Stumped

```
not
> advised me to capture any additional data.
>
> If someone has any ideas, I am willing to provide as much detail as
> possible. I wanted to keep this initial post as concise as possible.
>
> Thanks for any assistance you can provide,
> -joe
>
> EXCEPTION:
> System.Data.SqlClient.SqlException: General network error. Check your
> network documentation.
>   at System.Data.SqlClient.SqlConnection.OnError(SqlException exception,
> TdsParserState state)
>   at System.Data.SqlClient.SqlInternalConnection.OnError(SqlException
> exception, TdsParserState state)
>   at System.Data.SqlClient.TdsParser.ThrowExceptionAndWarning()
>   at System.Data.SqlClient.TdsParser.ReadNetlib(Int32 bytesExpected)
>   at System.Data.SqlClient.TdsParser.ReadBuffer()
>   at System.Data.SqlClient.TdsParser.ReadByteArray(Byte[] buff, Int32
> offset, Int32 len)
>   at System.Data.SqlClient.TdsParser.ReadEncodingChar(Int32 length,
> Encoding encoding)
>   at System.Data.SqlClient.TdsParser.ReadSqlValue(_SqlMetaData md, Int32
> length)
>   at System.Data.SqlClient.TdsParser.ProcessRow(_SqlMetaData[] columns,
> Object[] buffer, Int32[] map, Boolean useSQLTypes)
>   at System.Data.SqlClient.SqlDataReader.PrepareSQLRecord(Int32 i)
>   at System.Data.SqlClient.SqlDataReader.GetSqlString(Int32 i)
>   at System.Data.SqlClient.SqlDataReader.GetString(Int32 i)
>
>
```