

Re: General Network Error – MS Stumped

Source:

<http://www.tech-archive.net/Archive/SQL-Server/microsoft.public.sqlserver.connect/2004-02/0123.html>

From: Joe Ross (joeross252_at_hotmail.com)

Date: 02/27/04

Date: Fri, 27 Feb 2004 09:29:49 -0500

I respectfully disagree. Thank you for your overly helpful advice.

–joe

"Kevin Spencer" <kevin@takempis.com> wrote in message
news:uW6oBBT\$DHA.2476@TK2MSFTNGP12.phx.gbl...

> *If it does turn out to be a hardware or installed software issue, I
believe*

> *you will have spent more than the cost of 2 machines in salaries trying to
> find it.*

>

> --

> *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:O1JOAaL\$DHA.1732@TK2MSFTNGP12.phx.gbl...*

>> *Unfortunately, we're a small company and don't have the "luxury" of*

>> *duplicating the environment. However, there is plenty of horsepower
there*

>> *to meet our needs. The web server is a Dell PowerEdge 1750 and the
> database*

>> *server is a Dell PowerEdge 2650 hooked into a PowerVault 220. Usage is
>> quite light.*

>>

>> *I would love to be able to do what you say and I appreciate the value it*

>> *would bring to solving the problem, unfortunately, it's not realistic*

for

> *us*

>> *at this time.*

>>

>> *Thanks*

>> *–joe*

>>
>>
>> *"Kevin Spencer" <kevin@takempis.com> wrote in message*
>> *news:OVDsMqJ\$DHA.2524@tk2msftngp13.phx.gbl...*
>>> *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
>>> 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[]

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

```
> 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)  
> > > >  
> > > >  
> > >  
> > >  
> >  
> >  
> >  
>  
>  
>  
>
```