

Re: Very strange behavior of SQLServer with connection from CGI

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From: Geoff N. Hiten (*SRDBA_at_Careerbuilder.com*)

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First guess, this is not a default SQL instance. I think your customer network has disabled UDP as a "security" measure. SQL clients use a UDP connection to port 1434 to resolve port numbers for named instances. If your customer won't allow UPD, you can modify the connection information to include the port number of the named instance or create a client alias that specifies a port number. You can use the SQL Server Network utility to lock an instance to a port number.

Finally, don't cross-post to the universe.

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<mdurliSPAMFILTER@hotmail.com> wrote in message

news:juml11haibrpge3gqglilo6spa7r9bulcd@4ax.com...

> Hello,

> I developed a win32 .exe CGI that connects to a clustered SQLServer to report some data.

> The software is written with Borland C++Builder.

> This is the oledb string:

> Name=Provider=SQLOLEDB;Password=xxx;Persist Security Info=True;User

> ID=xxxx;Data Source=xxxxx;Initial Catalog=xxxxx;Network

> Library=dbmssocn

>

> It suddently stopped working on my customer network, so I made some

> test and I verivied that the problem is on the connection with

> SQLServer: my test program just opens a connection, closes it and

> exits, reporting in a log file if the open was successful or failed.

>

> If I run the program locally, just launching it, no problem, it works.

> I can run it mutilple time continously and is connects every time.

>

> If I run the program through my webserver, as a CGI that's how it is

> supposed to work (<http://localhost/scripts/connect.exe>), it connects

> the first time, and then I have to wait 40 seconds to connect again

> successfully, or it fails.

>

> If I try against MY sqlserver on my laptop or on my network no 40 sec

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> problems, but on my customer network, with THEIR SQLServer , if I try
> to connect from their webserver, or from my laptop webserver, I have
> this 40sec problem.
>
> I analyzed the network traffic, and I discovered that when I run my
> test program locally it originates only TCP/IP packets, and SQLServer
> answers only with TCP/IP.
> But when I use it from the webserver as a CGI, it originates an UDP
> packet, then SQL answers with another UDP packet, and then they
> communicate over TCP/IP.
> This when it works: the second time my program continues to send the
> UDP packet, but it receives no answer, and fails the communication.
>
> I can only say that:
> - we haven't touched the program for months, and it really stopped
> working suddently, so I suspect that something in my customer netowrk
> has changed
> - I tried many different OLEDB strings, disabling connection pooling
> and all the services, calling the SQLServer by name or IP...
> - the problem can't be related to my program, because now is really
> just an oledb connection test
>
> Anyone have an idea?
>
> Thank you very much,
> Mattia
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