

## Re: Win2K3 Client / Win2K3 & 2K SQL Server DBNETLIB Problem!

**Source:**

<http://www.tech-archive.net/Archive/SQL-Server/microsoft.public.sqlserver.connect/2004-09/0150.html>

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**From:** Howard Long ([howard\\_at\\_howardlongxxx.com](mailto:howard_at_howardlongxxx.com))

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Date: Tue, 14 Sep 2004 09:41:12 +0000 (UTC)

"Teddy Smith" <[teddy@smith.com](mailto:teddy@smith.com)> wrote in message  
news:ci5d2a\$ore\$1@perki.connect.com.au...

> *I am also wondering if it has something to do with TCP port allocation.*

When

> *I run "netstat -an" from the command prompt while the query is running I*

> *can see all the client ports being opened to 1433 on the SQL server and*

*this*

> *is working. Once the client gets to port 5000 it seems to stop and then*

> *start using ports from 1025 again (re-using them I suppose), this is about*

> *the time the error is thrown.*

Are you suggesting that there loads and loads of SQL login/logouts over a short period of time? I wonder if the sessions are not being dropped in time at the TCP level. Normally I'd expect a different error from the SQL Server (max connections reached) but you are not even achieving this. Can you see a correctly negotiating SYN/ACK and FIN response on the NetMon when establishing and dropping at the TCP level? Are you experiencing the same number of SQL login/logouts on the Win2K box?

What is not clear here is that the error you get – [Microsoft][ODBC SQL Server Driver][DBNETLIB]SQL Server does not exist or access denied – would only occur at session establishment, not half way through a fetch.

On the other hand, the error – [Microsoft][ODBC SQL Server Driver] Timeout expired – would occur part way through a query, usually when waiting for a long running query to respond.

I wonder: are you getting the – [Microsoft][ODBC SQL Server Driver] Timeout expired – which would implicitly sever the session, and then the client side app attempts to reconnect?

Kind Regards, Howard