

RE: ODBC Error with Sybase from Win2K Server (but works from WinXP!)

Source:

<http://www.tech-archive.net/Archive/SQL-Server/microsoft.public.sqlserver.odbc/2005-10/msg00034.html>

- *From:* "Patrick" <questions@xxxxxxxxxxxxxxxxxxxx>
 - *Date:* Wed, 26 Oct 2005 04:07:02 -0700
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Note that in most cases, the error occurred BEFORE the Sybase stored proc created the tempDB..tempTable in the SELECT INTO part of the stored procedure.

"Patrick" wrote:

- > Our company only allow the use of Merant 3.60 32-bit Sybase ODBC Driver
- > (Version) for connection to Sybase Sybase 12.5.3 DB on Sun OS 5.3
- >
- > I have a stored procedure on Sybase 12.5 ASE which
- > a) Select 'dummy'
- > b) Select lots of stuff using joins and filters into tempDB.tempTable
- > using dirty read
- >
- > I tried
- > 1) execute stroed proc on using Sybase 12 client Windows isql.exe (38,400
- > bytes) ----- this succeeded
- >
- > 2) Tried to execute same stored procedure from a Microsoft SQL Server 2000
- > DTS Package using
- > 2.1) SQL Server 2000's DTSRun.exe (Version 2000.80.194.0)
- > 2.2) Merant 3.60 32-bit Sybase ODBC Driver
- > 2.3) same Sybase 12 windows client (script installed as per 1 above)
- > 2.4.1) When run from Windows 2000 Server SP4
- > 2.4.1.1) Following sys.out is returned to DTS:
- > Step 'DTSSStep_DTSExecuteSQLTask_6' failed
- > Step Error Source: Microsoft OLE DB Provider for ODBC Drivers
- > Step Error Description:[MERANT][ODBC Sybase
- > driver][Sybase]ct_connect(): user api layer: internal Client Library
- > error: Read from the server has timed out.
- > Step Error code: 80004005
- > Step Error Help File:
- > Step Error Help Context ID:0
- > Step Execution Started: 10/24/2005 3:12:05 PM
- > Step Execution Completed: 10/24/2005 3:12:30 PM
- > Total Step Execution Time: 25.062 seconds
- > Progress count in Step: 0
- >

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> 2.4.1.2) ODBC Trace file indicate the following:
> fMYDTS_NAME a58-bf4 EXIT SQLDriverConnectW with return code -1 (SQL_ERROR)
> HDBC 028118D8
> HWND 00000000
> WCHAR * 0x1F7B1D38 [-3] "*****\ 0"
> SWORD -3
> WCHAR * 0x1F7B1D38
> SWORD 8
> SWORD * 0x00000000
> UWORD 0 <SQL_DRIVER_NOPROMPT>
>
> DIAG [S1T00] [MERANT][ODBC Sybase driver][Sybase]ct_connect(): user api
> layer: internal Client Library error: Read from the server has timed out.
> (63)
>
> fMYDTS_NAME a58-bf4 ENTER SQLGetDiagRecW
> SQLSMALLINT 2
> SQLHANDLE 028118D8
> SQLSMALLINT 1
> SQLWCHAR * 0x02C4F60C (NYI)
> SQLINTEGER * 0x02C4F630
> SQLWCHAR * 0x02C4F20C (NYI)
> SQLSMALLINT 512
> SQLSMALLINT * 0x02C4F634
>
> fMYDTS_NAME a58-bf4 EXIT SQLGetDiagRecW with return code 0 (SQL_SUCCESS)
> SQLSMALLINT 2
> SQLHANDLE 028118D8
> SQLSMALLINT 1
> SQLWCHAR * 0x02C4F60C (NYI)
> SQLINTEGER * 0x02C4F630 (63)
> SQLWCHAR * 0x02C4F20C (NYI)
> SQLSMALLINT 512
> SQLSMALLINT * 0x02C4F634 (132)
>
> fMYDTS_NAME a58-bf4 ENTER SQLGetDiagRecW
> SQLSMALLINT 2
> SQLHANDLE 028118D8
> SQLSMALLINT 2
> SQLWCHAR * 0x02C4F60C (NYI)
> SQLINTEGER * 0x02C4F630
> SQLWCHAR * 0x02C4F20C (NYI)
> SQLSMALLINT 512
> SQLSMALLINT * 0x02C4F634
>
> fMYDTS_NAME a58-bf4 EXIT SQLGetDiagRecW with return code 100
> (SQL_NO_DATA_FOUND)
> SQLSMALLINT 2
> SQLHANDLE 028118D8
> SQLSMALLINT 2
> SQLWCHAR * 0x02C4F60C (NYI)
```

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> SQLINTEGER * 0x02C4F630
> SQLWCHAR * 0x02C4F20C (NYI)
> SQLSMALLINT 512
> SQLSMALLINT * 0x02C4F634
>
> HOWEVER, execute the same stored proc on my workstation (WinXP Pro SP1, with
> otherwise the same scripted install config), and the DTS step that execute
> the Stored proc succeeded. Confused! How could I investigate? Same logon
> credentials used in both server and WinXP environments! Tracert from
> workstation and server are OK (<10ms in each hop). Even using Sybase ISQL to
> execute stored proc on Sybase (using sybase open client instead of ODBC works
> from Dev/UAT Win2K server SP4!).
>
> SOS!

• **Follow-Ups:**

- ◆ **RE: ODBC Error with Sybase from Win2K Server (but works from WinXP!)**
◇ From: Peter Yang [MSFT]

• **References:**

- ◆ **ODBC Error with Sybase from Win2K Server (but works from WinXP!)**
◇ From: Patrick

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