

Re: error setting up ODBC for remote sqlexpress database

Source:

<http://www.tech-archive.net/Archive/SQL-Server/microsoft.public.sqlserver.odbc/2007-09/msg00009.html>

- *From:* ruth <ruth@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Mon, 10 Sep 2007 08:14:02 -0700
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Thanks for responding.

We were able to get it to work with the ODBC native client driver. I'm not sure why that made such a difference. I didn't need the SQL browser and SQL Server could be stopped in the client. I still have to try out a few more things. I'm not sure whether I can use Windows authentication with native mode and whether I can get away with installing just a native client driver on the client instead of SQL Server Express.

"Jonathan Psaila-Depasquale" wrote:

Hi,

Setting up a domain shouldn't make a difference. What I suggest you do is to install Management Studio for SQL Server 2005 Express (<http://www.microsoft.com/downloads/details.aspx?FamilyID=c243a5ae-4bd1-4e3d-94b8-5a0f62bf7796&D>) in order to test whether you get communication problems that way. That will allow us to find out whether ODBC is at all a culprit and whether SQL Server and its network library configurations may have something to do with it.

Jonathan

ruth wrote:

I am using SQL Server Express and have a database on the server. I have no trouble setting up the ODBC for the local machine. It works fine. When I try to set it up on another computer to access the database on the server, after the screen which asks for a login and a bit of a wait, I get error 53 on Connection Open (state 01000) and error 17 for state 08001, access denied.

I have configured both machines for local and remote TCP/IP using the Surface Area Configuration tool. I stopped and restarted SQL Server Express after doing so. It didn't help. I tried rebooting both machines. It didn't

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help.

The server name I am using in the ODBC setup is e.g.

SERVER\SQLEXPRESS. I

also tried \\SERVER\SQLEXPRESS, where SERVER is the machine name on which the

database resides, but that failed sooner with an unknown server error.

We are using a peer to peer workgroup network, which may be the problem. Windows NT Authorization fails, so we reinstalled SQL Express with mixed mode, the default user (sa) and a password (sql). This didn't work either. Same error message. We tried adding a new login and user (on the server) in SQL Server express, but that didn't work either when setting up a remote ODBC. All these methods worked fine locally on the server.

If SQL Browser service is turned on, we can get past the authentication screen. (It was turned on for both client and server when this worked.) We communicated with SQL Server and could pick up the database name. The test of the connection failed, however, with a Communication link failure.

We can create a remote ODBC connection for an Access database from the same client machine to the same server. The problem only appears for SQL Server.

Any suggestions on how to get around this or must we use a domain network?