

Re: Very long to to insert a row in an Oracle linked server

Re: Very long to to insert a row in an Oracle linked server

Source: <http://www.tech-archive.net/Archive/Data/microsoft.public.data.odbc/2007-07/msg00011.html>

- *From:* Bob Hairgrove <NoSpamPlease@xxxxxxx>
 - *Date:* Fri, 06 Jul 2007 11:11:51 +0200
-

On Thu, 5 Jul 2007 22:06:03 -0700, Peter Jones
<PeterJones@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote:

Hi,

I have an Oracle database connected into a SQL Server 2000 database as a linked server. The connection works fine except inserts are very very slow. I originally was using the OLE/DB for Oracle and an insert took 25 seconds per row. I changed the linked server interface to ODBC and created an ODBC interface and that reduced the insert time to 10 seconds per row (I've no idea why ODBC was better).

I wonder if it could be a version mismatch between the driver and the database?

If the insert code is run on the Oracle machine we get about 10 inserts a second.

This sounds rather slow to me if you are executing the query locally on the server. Do you have a lot of indexes on the table(s)? What does EXPLAIN PLAN show you in Oracle about your query execution paths?

I turned on ODBC logging but it doesn't give any timings and I don't understand what it is logging anyway.

The ODBC trace function slows things down dramatically; make sure this is turned off. I remember some occasions when it took a couple of tries to get it to really turn off, so double-checking this wouldn't hurt.

As to the rest, it might be a network problem. Try doing bulk inserts

Re: Very long to to insert a row in an Oracle linked server

Re: Very long to to insert a row in an Oracle linked server

instead of single rows, and make sure you use bound variables in the query. There are so many possibilities, it is sometimes hard to pin down.

--

Bob Hairgrove

NoSpamPlease@xxxxxxxx

.