Configuring Oracle Linked Server

1. Create a System DSN in the ODBC manager in Windows.
	1. For this you were probably given a TNSNames.ora file to put locally on the server. This has the connection info the ODBC will use. If you have then you should see something in the **TNS Service Name** dropdown list.
	2. The TNSNames.ora file is usually in *c:\oracle\tnsadmin* or somewhere close to that.
2. In SSMS, connect to the server you want the linked server on and expand to **Server Objects\Linked Servers\Providers**



1. Right-click on **OraOLEDB.Oracle** and go to **properties**.
2. Check Allow inprocess.



**\*\*This setting only effects new linked servers so if you’ve already got one setup, you’ll need to recreate it for it to pick up this setting.**

1. When creating a linked server to Oracle, never use the Microsoft Oracle client. It’s never worked. Use OleDB for Oracle.



1. Give the linked server a name. It doesn’t matter what you call it, but make it something descriptive.



1. For **Data source**, fill in the ODBC connection you created in Windows. This will be a System DSN, not a User DSN.



1. On the **Security** tab enter in your username and password.



Test the connection:

select top (10) \* from openquery(ORACLELINKEDSERVER, 'select \* from MyTable')