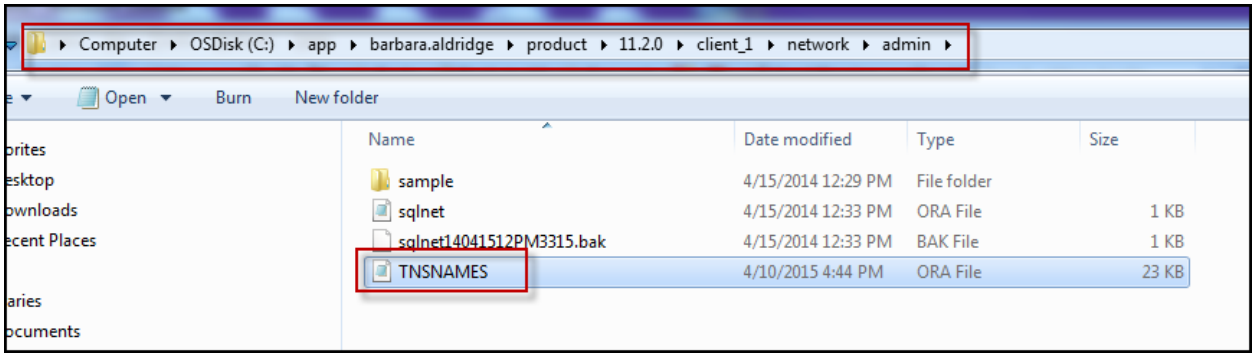
Set Up for $MRDB_2$

TNSNAMES Entry

A TNS Names entry is required to properly connect to the $MRDB_2$ database. TNS Names is an Oracle file that stores database connection information and is used to establish connections to Oracle databases through SQL Developer, SQL Plus and Microsoft Access.

For most Windows7 machines the TNSNAMES.ora file is found in one of the following locations:

- C:\app*your name(ex barbara.aldridge)*\product\11.2.0\client_1\network\admin
- C:\oracle



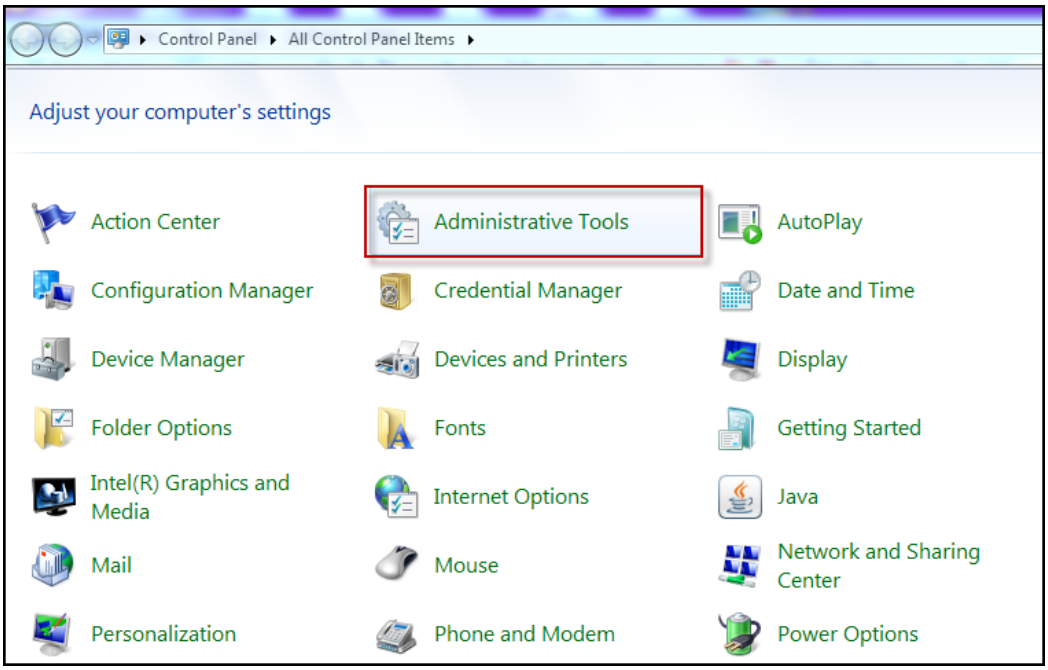
Once your security is set up, a TNSNAMES entry can be provided to you by the Customer Resource Center. Please contact Finance.CRCGroup@ky.gov to request the entry. Once you have the entry email to you, simply open the TNSNAMES file: copy the text and paste it at the bottom of the file. Save and Close.

Create an ODBC Connection

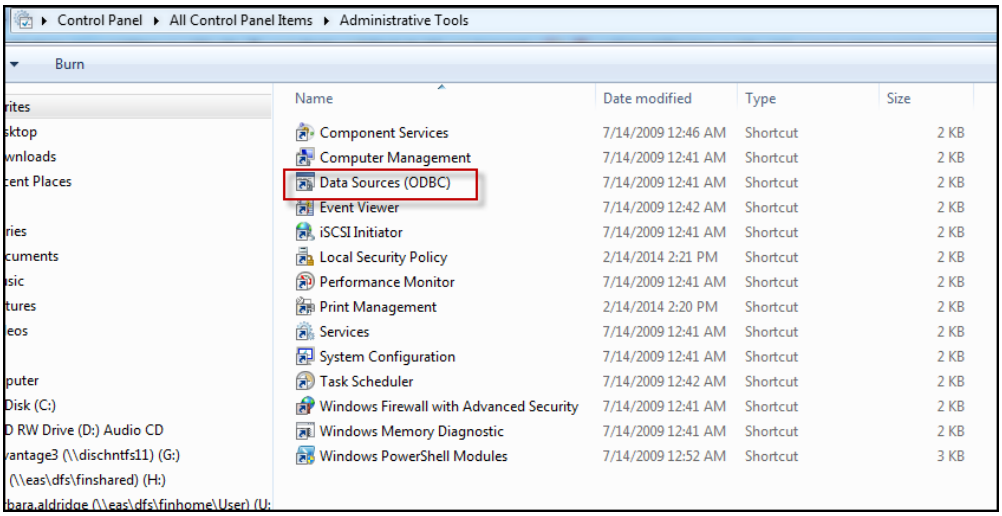
In order to use Microsoft Access to open an Oracle database, an ODBC (Open Database Connectivity) Connection needs to be established. The EMIAFP database that houses the $MRDB_2$ views is an Oracle database and therefore, will require and ODBC Connection.

To create an ODBC Connection, **Open the Control Panel from the Start Menu.**

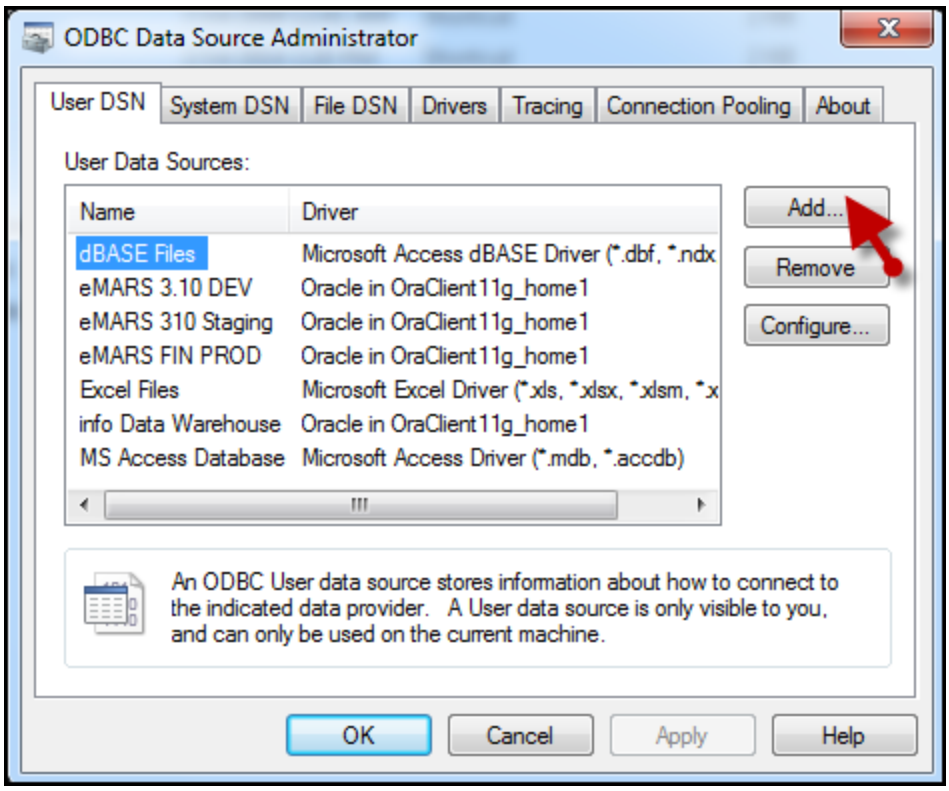
Select *Administrative Tools*.



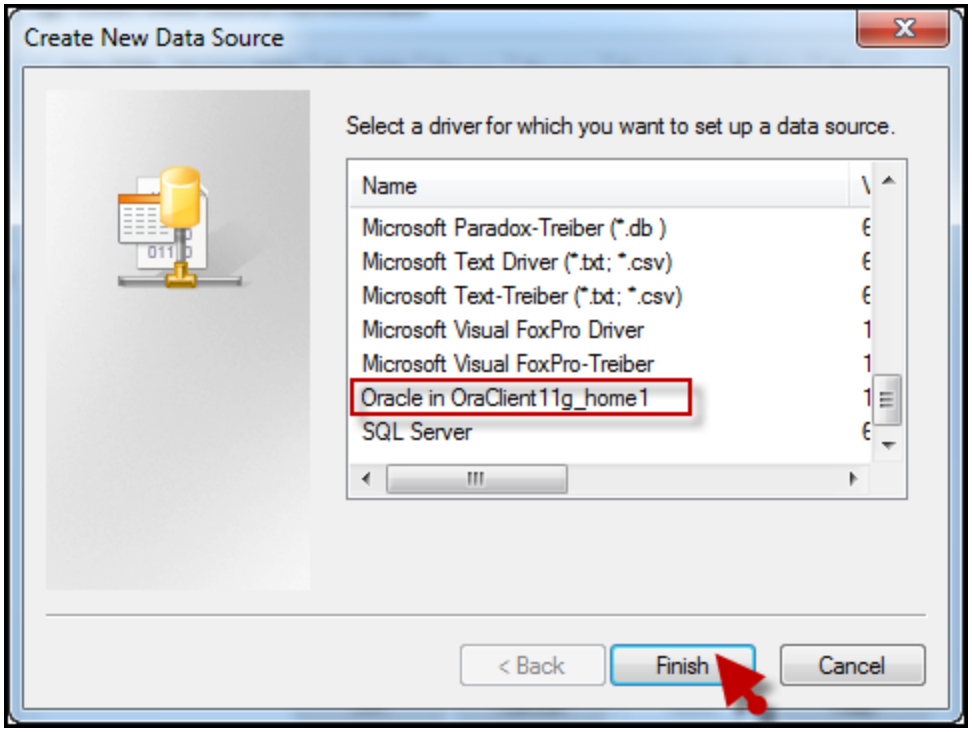
Select *Data Sources (ODBC).*



The ODBC Data Source Administrator opens**. Click the *ADD* button.**



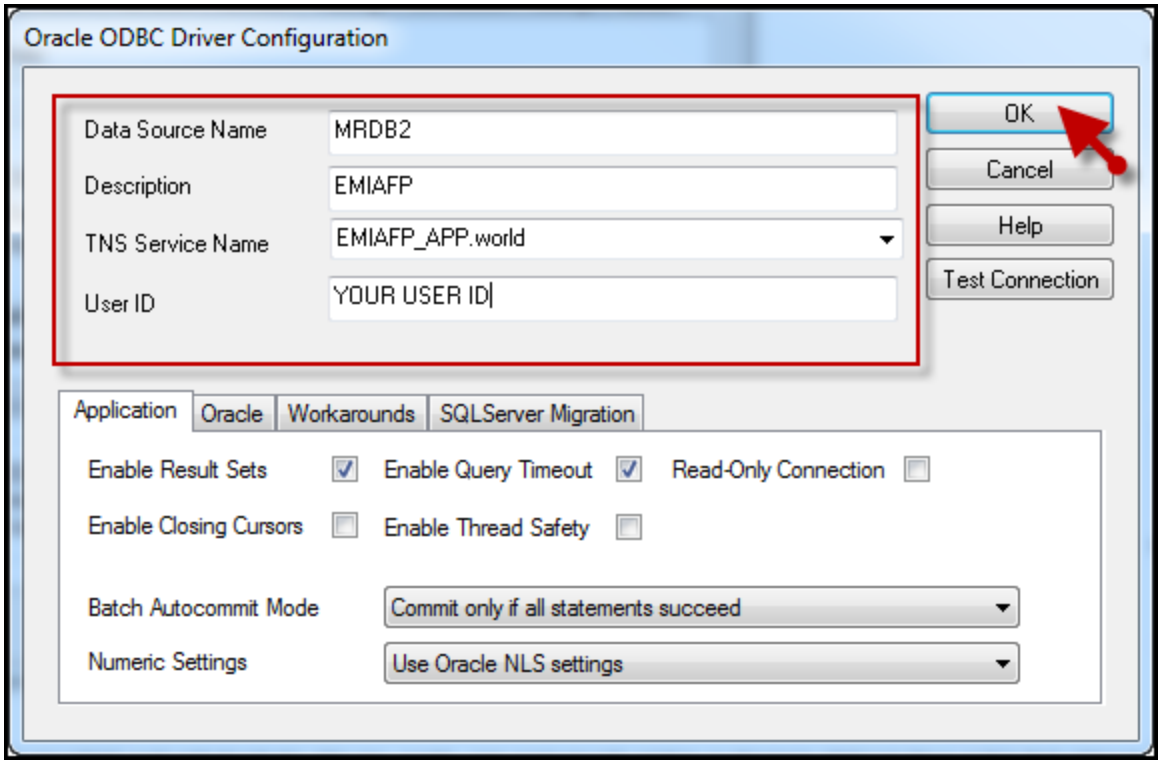
Select the appropriate driver from the list. For eMARS and KBUD**, select the *Oracle driver* and then click the *FINISH* button.**



On the Oracle *ODBC Driver Configuration* window populate the fields as follows:

- **Database Source Name** – an easily identifiable name that will identify the database to the user. **MRDB$_2$**
- **Description** – a description of the database that will assist the user in identifying the database. **EMIAFP**
- **TNS Service Name** – The database name from the TNS entry that was added to the TNSNAME file in the Oracle directory. **EMIAFP_APP.world**
- **User ID** – the User ID that will be used to connect to the database. **Enter YOUR eMARS User ID.**

Click OK.



NOTE: These instructions are based on a Windows7 operating system and Oracle 11g client installation.