

Guide to ODBC's: (Last updated: 07/21/25)

Background: Open Database Connectivity or ODBC is a standard method that allows different software applications to communicate or connect with a wide variety of databases. To access the DAS Financial Datamart database, a user must have the proper ODBC installed on their individual computer and obtain Datamart security access. With a properly installed ODBC, users can access the Datamart using many query tool programs (ex. Excel, Access, Power BI, Tableau, etc.). The instructions below will describe how to use an ODBC with the DAS Financial Datamart.

It is very important that individual Datamart users do not set up the ODBC on their own. This should be completed by a technical professional from the Agency's technical department.

There are two main ODBC for the DAS Financial Datamart. There are the standard (SFMSP) and mainframe (EXECDB2P, EXECDB2A, EXECDB2T). As a note, very few users have mainframe access since it is mainly for DAS.

The user must have proper Datamart security access to use the ODBC, or no data will be displayed. Datamart security access is obtained by contacting an Agency Security Officer (ASO) who will work with DAS System Security to complete the process.

- =====
- A. Standard Datamart users - use the following ODBC setting: SFMSP
 - B. SFMA Mainframe: This provides access to Mainframe production tables – use the following ODBC settings:

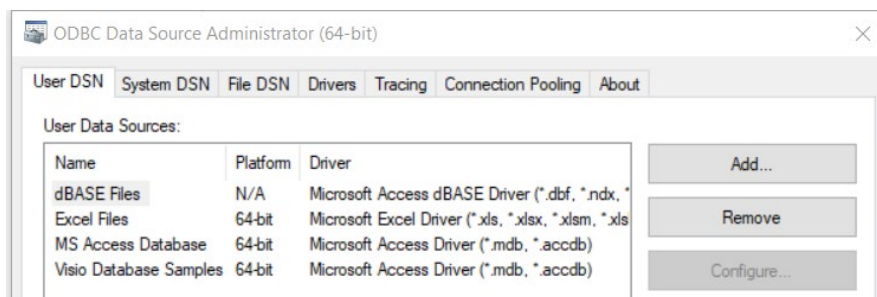
EXECDB2P, EXECDB2A, or EXECDB2T

P = production region, A = acceptance region, T = training region

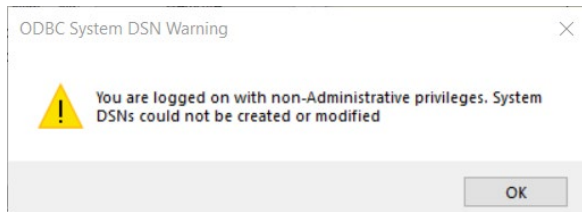
User instructions:

The first step in this process is to verify if the proper ODBC is already set up on a user's computer.

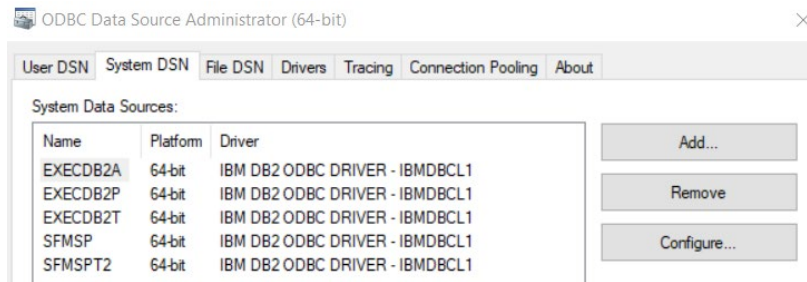
1. Search "ODBC Data Source (64-bit)" in the windows search bar.
 - A. Most query tool programs are 64-bit; therefore, we install the 64-bit ODBC; however, some agencies still use 32-bit. Use 64-bit unless your tech department provides alternative guidance.



2. Click on the 'System DSN' tab and click 'ok' to ignore the warning.

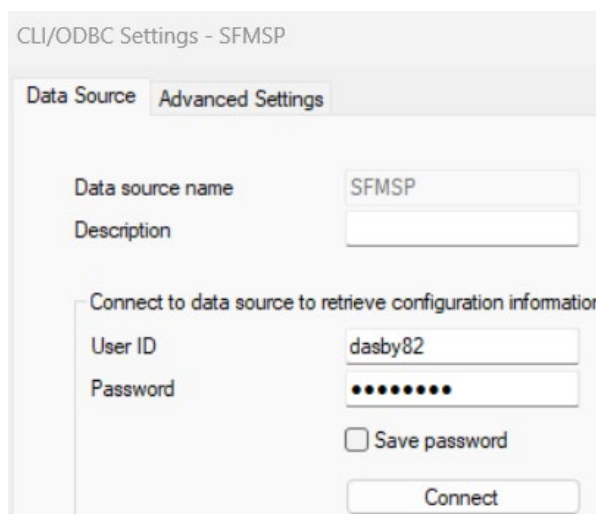


3. The following screen should be displayed. Verify the correct ODBC is included.



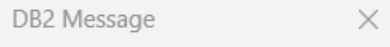
If the ODBC is not installed, contact your tech department and provide detailed install info from the 'Tech support' section at the end of this document.

4. If the ODBC exists (Example: SFMSP), verify the following:
Users with Datamart security access:
 - a. Verify the ODBC is connecting correctly.
 1. Highlight the ODBC and click 'Configure'.
 2. Input your Datamart security credentials. Click 'ok'. (If you hit the enter key, it will close the pop-up, and you will need to re-open the ODBC Data Source Admin from step 1.)



****Do not forget that Datamart passwords should be 8-characters in length.**

3. A pop-up window will appear, and it should display 'Connection tested successfully'. If not, then resolve the 'DB2 Message'.



Connection tested successfully.

1. If you receive a 'password expired' type of message, contact the DAS RACF team for a password reset. The link can be found on the Datamart maintenance site.

<https://datamartapp.dasapp.state.or.us/>

2. If you receive a 'firewall' type of error message, then please contact your agency tech support and request a firewall review.

Users without Datamart security access:

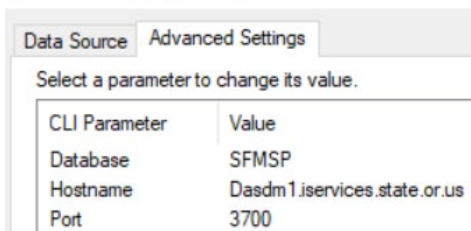
- b. Contact your Agency Security Officer (ASO) to help start the process of obtaining proper Datamart security access.

Troubleshooting: (user help)

If the ODBC is present but is not working correctly, you are able to verify the ODBC full setup by viewing 'advanced settings'. Verify this by clicking on the desired 'System Data Source', click 'configure' and then 'Advanced Setting'.

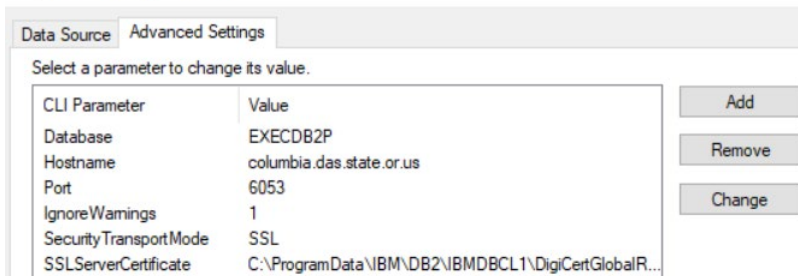
- A. ODBC 'SF MSP' advanced settings:

CLI/ODBC Settings - SFMSP



- B. Mainframe ODBC advanced settings:

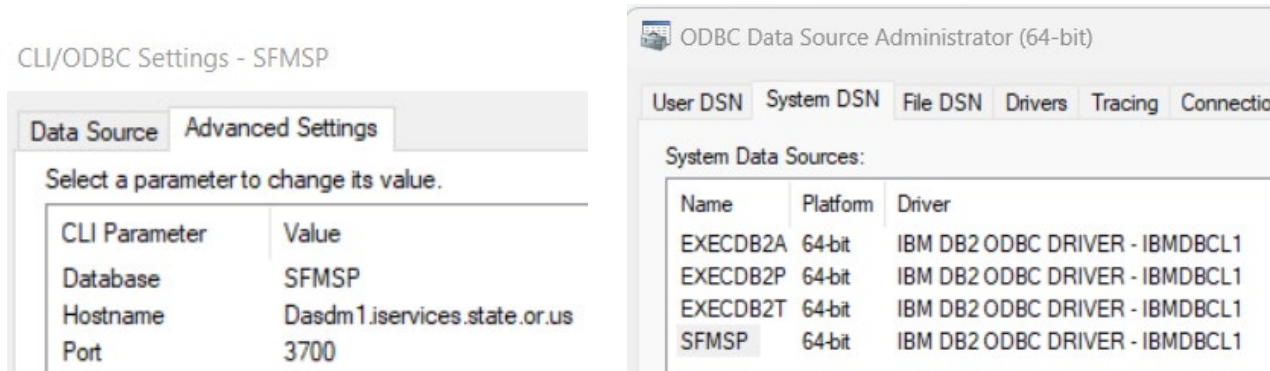
CLI/ODBC Settings - EXECDB2P



- C. If the ODBC needs alteration or deletion, contact agency tech support.

Tech support: ODBC install help:

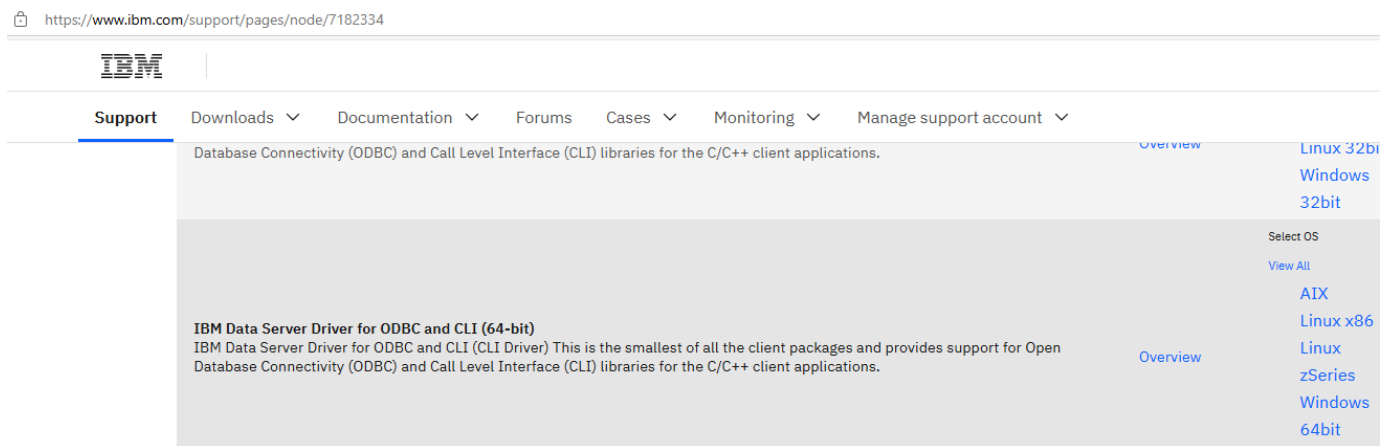
The main SFMSP ODBC details (port, database, etc.) are shown in these screenshots.



Per Joe Adelman, Datamart tech support, use the following IBM DB2 driver link:

[IBM Data Server Client Packages Version 12.1 Mod 1 Fix Pack 0](https://www.ibm.com/support/pages/node/7182334)

We are on currently on V11.5 of the database – V12.1 of the ODBC driver will work with our database version.



Mainframe ODBC advanced settings (very few users have access to this ODBC):

