

Power BI Desktop/PRO ODBC Connection Details for PHDS data mart access with Power BI Desktop

v1 - revised 2021 12 21

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HHSC IT Power BI Admin: ?	?

To: IT Deskside Support

This document provides installation Information/Documentation and a file download link for an IT Help Desk request to install the current version of the 64-bit Snowflake ODBC driver.

[Download the latest 64-bit Snowflake ODBC driver from the Snowflake Site](#)

Snowflake Documentation from the Snowflake Website

[Installing & Configuring the ODBC Driver for Windows Documentation](#)

[All Snowflake Connection Documentation](#)

To connect to Snowflake Through Global Protect please follow these steps



cacert.txt

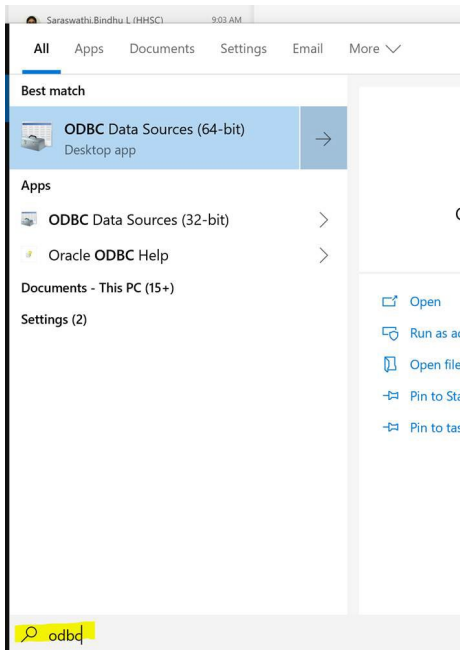
- 1) Copy the attached txt file (cacert.txt) to your computer at location - C:\Program Files\Snowflake ODBC Driver\etc
- 2) Move the existing cacert pem file to another location as backup
- 3) Rename the txt file .pem

To connect to Snowflake with DSHS- Cisco Anyconnect VPN no additional prerequisites are needed.

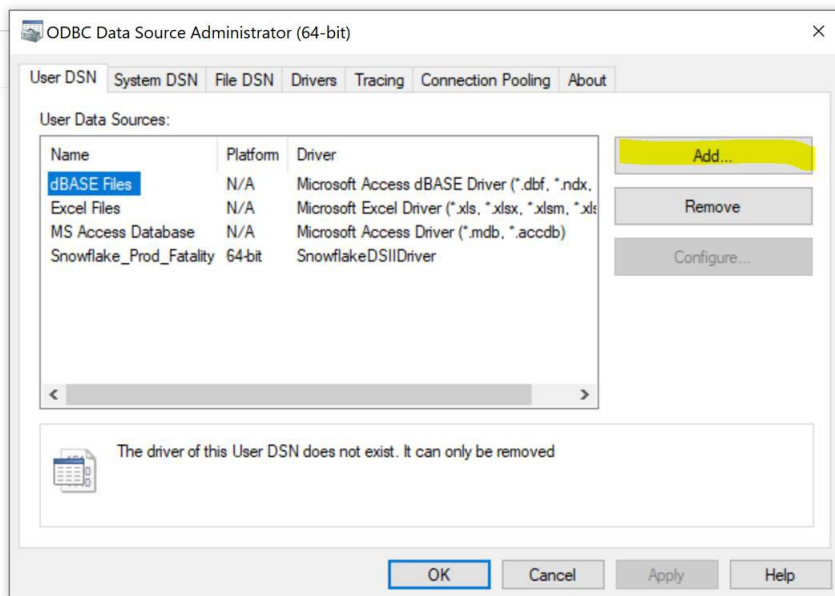
You can move to Step 1 below

Step 1: Search for ODBC and open the ODBC Data Source (64-bit) app

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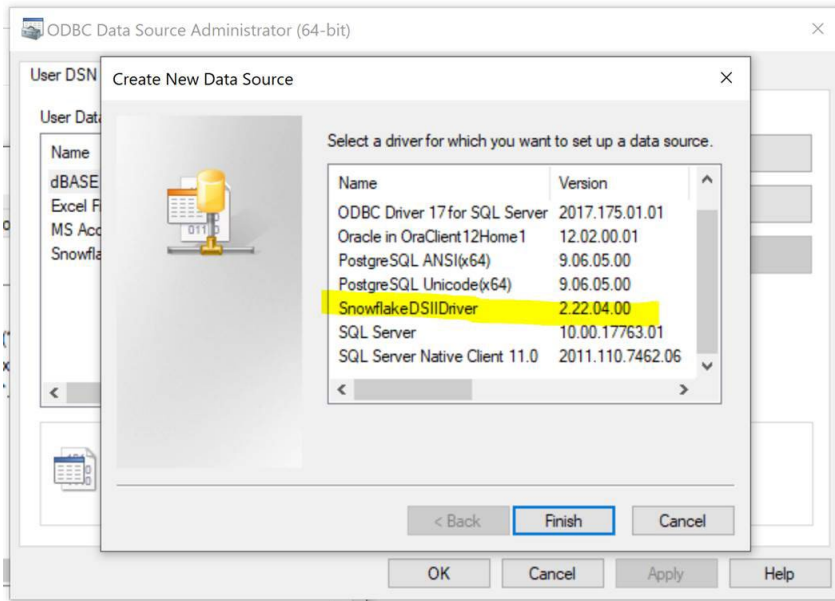
Step2: On the user DNS tab click on the Add.. Button



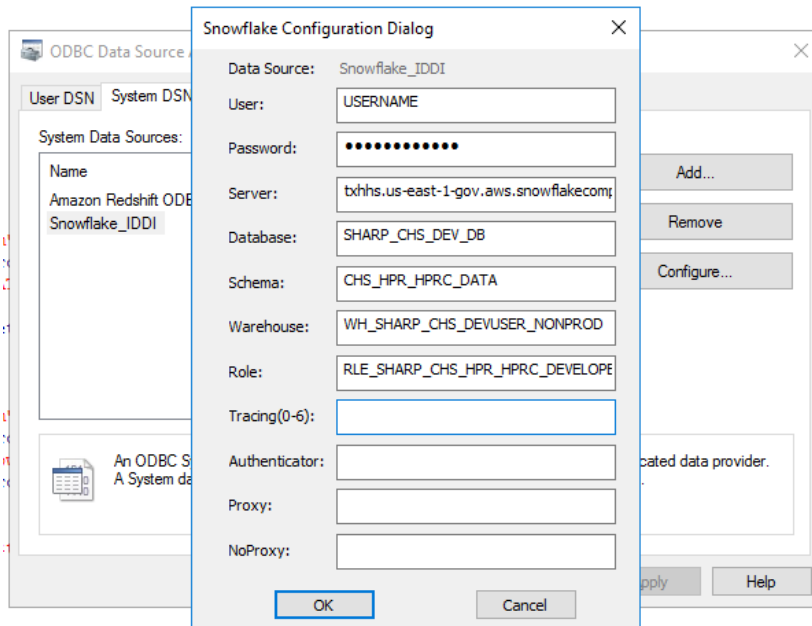
Step 3: Scroll down the driver list and identify the SnowflakeDSIIDriver.

If this driver is not in the list then please call the Help Desk and let them know to re-do the installation.

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Step 4: Configure Snowflake ODBC. Please use the below as an example and populate the data unique to your setup.

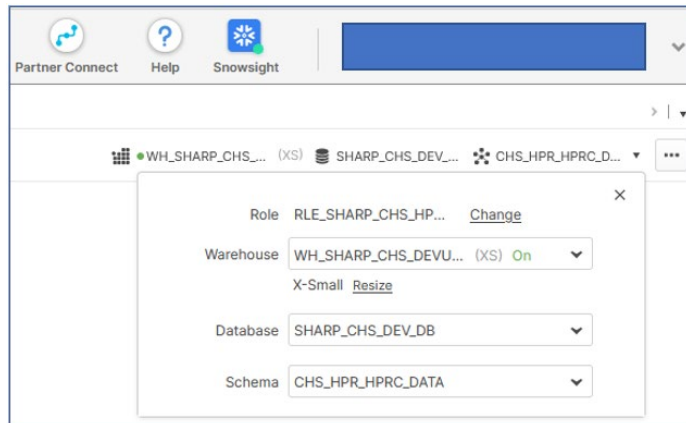


NOTES:

- The Data Source field is unique to you. You may choose what you wish to name it; however, it will not be required when making a connection in Power BI Desktop.

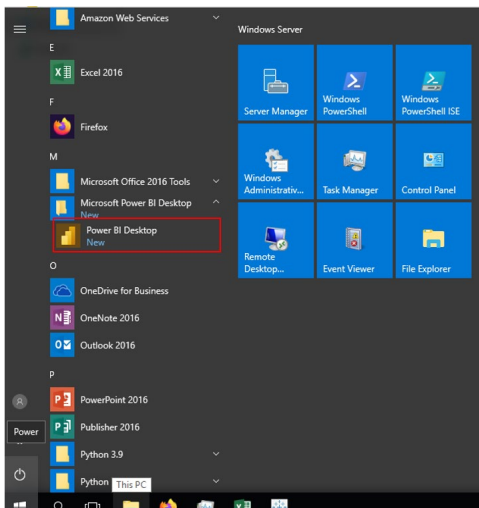
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- Most of these details can be found within the Snowflake UI on the Worksheets tab found in the top right-hand corner. Server will be **<https://txhhs.us-east-1-gov.aws.snowflakecomputing.com>**



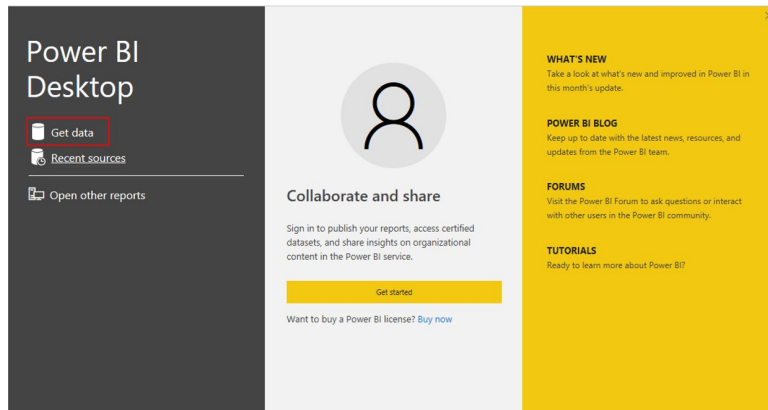
Step 5: Open Power BI and Test Connection

- a) Click on START and navigate to the Microsoft Power BI Desktop/Pro folder and select the version of Power BI you are using

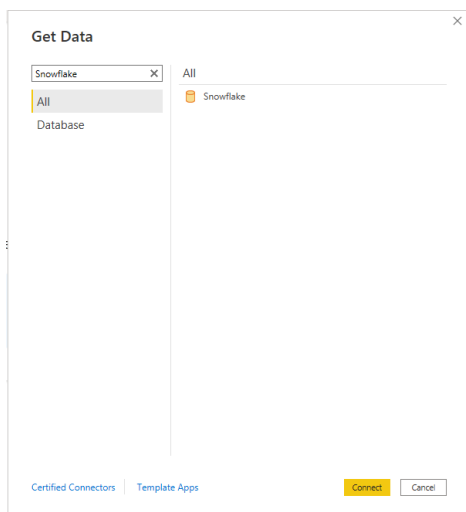


- b) With Power BI Desktop Open there should be a "Get Started" prompt with the option to "Get data." Click on the "Get Data" option.

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- NOTE: You can also do this by selecting from the "Get Data" dropdown menu found on the Home section of the ribbon
- c) When prompted, search or find the "Snowflake" connection and click on "Connect"



- d) Configure Snowflake connection details when prompted to. Please use the below as an example and populate the data unique to your setup. You will also be prompted to sign in with your login credentials as well.

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Snowflake

Server
txhhs.us-east-1-gov.aws.snowflakecomputing.com

Warehouse
WH_SHARP_CHS_DEVUSER_NONPROD

Advanced options
Specify a text value to use as Role name (optional)
RLE_SHARP_CHS_HPR_HPRC_DEVELOPER_GRP

Command timeout in seconds (optional)
Example: 123

Connection timeout in seconds (optional)
Example: 123

Include relationship columns (optional)
Example: true

Database (optional)
SHARP_CHS_DEV_DB

SQL statement (optional, requires database)
Example: sele...

OK Cancel

e) To confirm your connection was successful navigate through the “Navigator” and choose a table of data you wish to work with and click “Load”.

Navigator

Display Options

- txhhs.us-east-1-gov.aws.snowflakecomputi...
- DEMO_DB
- SHARP_CHS_DEV_DB [2]
 - CHS_HPR_HPRC_DATA [56]
 - V_HPRC_AGE_DISTRIBUTION_BY_GE...**
 - V_HPRC_AGE_DISTRIBUTION_BY_RA...
 - V_HPRC_COUNTRY_OF_MEDICAL_S...
 - V_HPRC_FACT_SHEETS_ALL_DATA
 - V_HPRC_GEOGRAPHIC_DISTRIBUTI...
 - V_HPRC_PRACTICE_HOURS
 - V_HPRC_PRACTICE_SETTING
 - V_HPRC_PRACTICE_SPECIALTY
 - V_HPRC_RACE_ETHNICITY_BY_PROF...
 - V_HPRC_STATE_OF_TRAINING
 - V_HPRC_SUPPLY_TABLES
 - T_CNTY_DESIGNATION_TEMP
 - T_HPR_HPRC_CHIROPRACTIC_LB_T...
 - T_HPR_HPRC_LB_AGING_DISBLTY_C...
 - T_HPR_HPRC_LB_AGING_DISBLTY_...

V_HPRC_AGE_DISTRIBUTION_BY_GENDER

AGE_CAT	YEAR	PROFESSION	MALE	FEMALE
51-55	2020	Dental Assistant	173	
55-60	2020	Dental Assistant	152	
>65	2020	Dental Assistant	65	
61-65	2020	Dental Assistant	61	
null	2020	Dental Assistant	15	
<=25	2020	Dental Hygienist	14	
26-30	2020	Dental Hygienist	79	
31-35	2020	Dental Hygienist	119	
36-40	2020	Dental Hygienist	89	
41-45	2020	Dental Hygienist	64	
46-50	2020	Dental Hygienist	70	
51-55	2020	Dental Hygienist	41	
55-60	2020	Dental Hygienist	34	
61-65	2020	Dental Hygienist	32	
>65	2020	Dental Hygienist	35	
null	2020	Dental Hygienist	1	
<=25	2020	Dentist	17	
26-30	2020	Dentist	573	
31-35	2020	Dentist	1718	
36-40	2020	Dentist	2134	
41-45	2020	Dentist	2014	
46-50	2020	Dentist	1690	
51-55	2020	Dentist	1298	

Select Related Tables Load Transform Data Cancel

- If no errors appear you have successfully connected to your data from Snowflake to Power BI Desktop