



Login to snowflake from PBI using SSO

Hey BI developer peeps! Want to jump into Snowflake from PBI desktop? You've got options! Either roll in with your classic username/password or rock your SSO credentials like a backstage pass. Thanks to the cool cats at Snowflake, OAuth is on, so using SSO from PBI is smooth sailing. Just follow these steps and let the fun begin!

⚠ If you are facing the error `We couldn't authenticate with the credentials provided. Please try again` it may be due to a common configuration issue in Snowflake involving user email addresses. Specifically, this problem often arises when multiple users, especially the Snowflake service user, are assigned the same email address. The root cause of this issue typically lies in the configuration the Snowflake OAUTH security integration for PowerBI. The configuration **`EXTERNAL_OAUTH_SNOWFLAKE_USER_MAPPING_ATTRIBUTE='EMAIL_ADDRESS'`** means that the login process uses the "email" attribute from Snowflake users to map to the user attempting to log in. To remediate to this issue, identify and unset all duplicate emails and ensure that each user, particularly the service users, has a unique email address.

1. Open PBI desktop from App store.
2. Click getdata and search for "snowflake" from search bar.
3. Double click on Snowflake icon and put following details([Server](#), [Warehouse](#) and [Role](#)(optional) and hit OK.

Snowflake

Server
wmbjbcq-dt_devbusinesssystems_dw.snowflakecomputing.com

Warehouse
BUSSYS_DEVELOPER_WH

Advanced options

Specify a text value to use as Role name (optional)
BUSSYS_DEVELOPER

Command timeout in seconds (optional)
Example: 123

Connection timeout in seconds (optional)
Example: 123

Include relationship columns (optional)
Example: true

Database (optional)
Example: DEMO_DB

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

OK Cancel

4. Choose Microsoft Account, and hit Sign in.

Snowflake

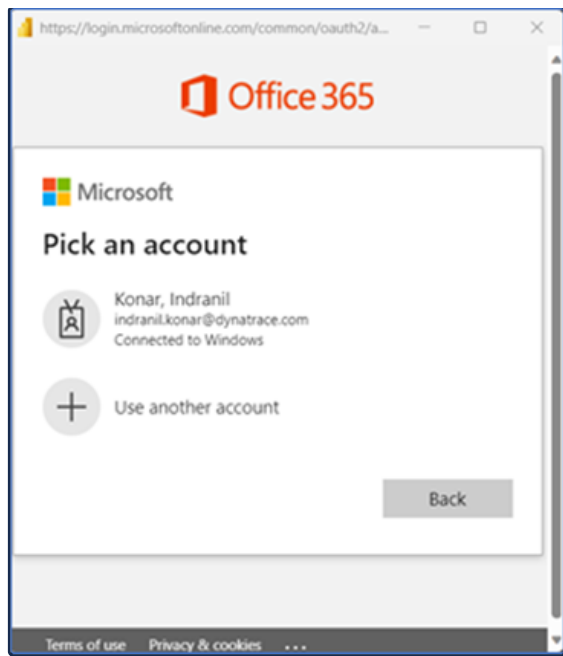
Microsoft Account

You aren't signed in.

Sign in

Back Connect Cancel

5. Sign in using your email and network password.



6. Hit "Connect" in step 4 screen and find the following.

DATABASE_NAME	DATABASE_OWNER	IS_TRANSIENT	COMMENT	CREATED
DBT	BUSSYS_OPERATION_ROLE	NO	null	8/26/2
DEV_DB	BUSSYS_OPERATION_ROLE	NO	null	8/26/2
HRD_DB	BUSSYS_OPERATION_ROLE	NO	null	8/26/2
RAW_DEV	BUSSYS_OPERATION_ROLE	NO	null	8/26/2
RAW_HRD	BUSSYS_OPERATION_ROLE	NO	null	8/26/2
RAW_GA	BUSSYS_OPERATION_ROLE	NO	null	8/26/2
GA_DB	BUSSYS_OPERATION_ROLE	NO	null	8/26/2