

# IBSNOW: Setting snowflake\_streaming\_profile configuration [v1.0.0 - v1.0.3]



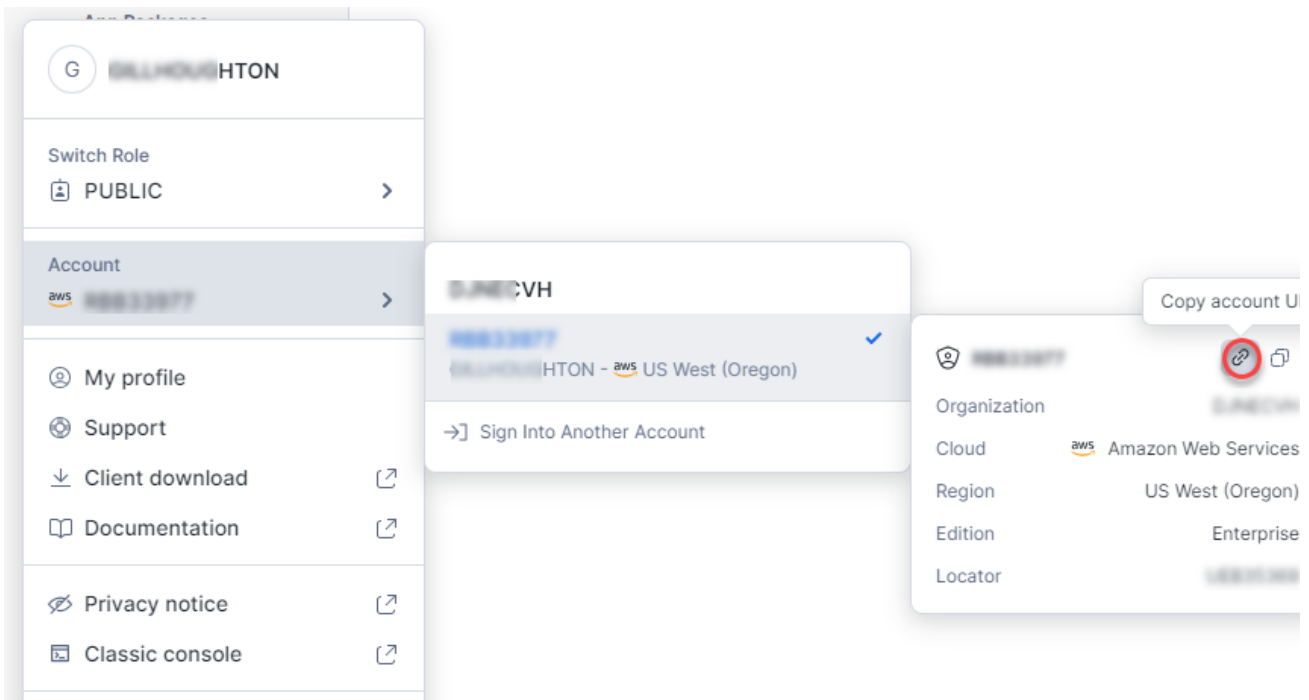
## New IoT Bridge for Snowflake Available

This document covers v2.0.0 and older versions of IoT Bridge for Snowflake. It now ships as part of Chariot. To see the latest IoT Bridge for Snowflake documentation, go to [IoT Bridge for Snowflake in Chariot](#).

## Modifying Configuration

You will need to modify the `/opt/ibsnow/conf/snowflake_streaming_profile.json` file to match your system configuration and setup as follows:

- user
  - Replace with the user provisioned in Snowflake granted the processor\_role created by the Snowflake setup in SQL Script 07
  - If following the [IBSNOW: AWS QuickStart](#) or [IBSNOW: Azure QuickStart](#) documents using the [default Snowflake setup scripts](#), this is the "IBSNOW\_INGEST" user granted the "cl\_bridge\_process\_rl" role
- url
  - Replace with the copied account URL from your Snowflake account. Variations include:
    - `https://ueb12345.snowflakecomputing.com`
    - `https://ueb45678.us-east-1.snowflakecomputing.com`
    - `https://abcdgbi-lw11250.snowflakecomputing.com`
    - `https://rab12345.prod3.us-west-2.aws.snowflakecomputing.com`



- account
  - Replace with the subdomain of your URL
  - ueb12345 for URL example `https://ueb12345.snowflakecomputing.com`
  - ueb12345 for URL example `https://ueb45678.us-east-1.snowflakecomputing.com`
  - abcdgbi-lw11250 for URL example `https://abcdgbi-lw11250.snowflakecomputing.com`
  - rab12345 for URL example `https://rab12345.prod3.us-west-2.aws.snowflakecomputing.com`
- private\_key\_file
  - Replace with the file path of your private key file
- port
  - Must be set to "443"
- host
  - Replace with the domain name of your URL
  - ueb12345.snowflakecomputing.com for URL example `https://ueb12345.snowflakecomputing.com`
  - ueb12345.us-east-1.snowflakecomputing.com for URL example `https://ueb45678.us-east-1.snowflakecomputing.com`
  - abcdgbi-lw11250.snowflakecomputing.com for URL example `https://abcdgbi-lw11250.snowflakecomputing.com`

- rab12345.prod3.us-west2.aws.snowflakecomputing.com for URL example https://rab12345.prod3.us-west-2.aws.snowflakecomputing.com
- schema
  - Replace with the staging\_schema created by the Snowflake setup in SQL Script 06
  - If using the [default Snowflake setup scripts](#), this is 'stage\_db'
- database
  - Replace with the staging\_db created by the Snowflake setup in SQL Script 07
  - If using the [default Snowflake setup scripts](#), this is 'cl\_bridge\_stage\_db'
- connect\_string
  - Replace the scheme "http://" in your url with "jdbc:snowflake://" and add the port as "443"
  - jdbc:snowflake://ueb12345.snowflakecomputing.com:443 for URL example https://ueb12345.snowflakecomputing.com
  - jdbc:snowflake://ueb12345.us-east-1.snowflakecomputing.com:443 for URL example https://ueb45678.us-east-1.snowflakecomputing.com
  - jdbc:snowflake://abcdgbi-lw11250.snowflakecomputing.com:443 for URL example https://abcdgbi-lw11250.snowflakecomputing.com/
  - jdbc:snowflake://rab12345.prod3.aws.snowflakecomputing.com:443 for URL example https://rab12345.prod3.us-west-2.aws.snowflakecomputing.com
- warehouse
  - Replace with the cl\_bridge\_ingest\_wh created by the Snowflake setup in SQL Script 07
  - If using the [default Snowflake setup scripts](#), this is 'cl\_bridge\_ingest\_wh'
- role
  - Replace with the processor\_role created by the Snowflake setup in SQL Script 07
  - If using the [default Snowflake setup scripts](#), this is 'cl\_bridge\_process\_rl'

## Configuration Examples

### Example 1 using default scripts

```
{
  "user": "IBSNOW_INGEST",
  "url": "https://ueb12345.snowflakecomputing.com",
  "account": "ueb12345",
  "private_key_file": "/opt/ibsnow/conf/certs/rsa_key.p8",
  "port": 443,
  "host": "ueb12345.snowflakecomputing.com",
  "schema": "stage_db",
  "scheme": "https",
  "database": "cl_bridge_stage_db",
  "connect_string": "jdbc:snowflake://ueb12345.snowflakecomputing.com:443",
  "ssl": "on",
  "warehouse": "cl_bridge_ingest_wh",
  "role": "cl_bridge_process_rl"
}
```

### Example 2 using default scripts

```
{
  "user": "IBSNOW_INGEST",
  "url": "https://ueb45678.us-east-1.snowflakecomputing.com",
  "account": "ueb45678",
  "private_key_file": "/opt/ibsnow/conf/certs/rsa_key.p8",
  "port": 443,
  "host": "ueb45678.us-east-1.snowflakecomputing.com",
  "schema": "stage_db",
  "scheme": "https",
  "database": "cl_bridge_stage_db",
  "connect_string": "jdbc:snowflake://ueb45678.us-east-1.snowflakecomputing.com:443",
  "ssl": "on",
  "warehouse": "cl_bridge_ingest_wh",
  "role": "cl_bridge_process_rl"
}
```

### Example 3 using default scripts

```
{
  "user": "IBSNOW_INGEST",
  "url": "https://rab12345.prod3.us-west-2.aws.snowflakecomputing.com",
  "account": "rab2345",
  "private_key_file": "/opt/ibsnow/conf/certs/rsa_key.p8",
  "port": 443,
  "host": "rab12345.prod3.us-west-2.aws.snowflakecomputing.com",
  "schema": "stage_db",
  "scheme": "https",
  "database": "cl_bridge_stage_db",
  "connect_string": "jdbc:snowflake://rab12345.prod3.us-west-2.aws.snowflakecomputing.com:443",
  "ssl": "on",
  "warehouse": "cl_bridge_ingest_wh",
  "role": "cl_bridge_process_rl"
}
```