

# IBSNOW: Stream Staleness


 **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](#).

A Snowflake stream can become stale if its offset moves outside the data retention period for the source table/view.

 Review the Snowflake document [Avoiding Stream Staleness](#) on how to avoid a stream becoming stale

A stale stream can be identified through the query history as shown in the example below



The screenshot shows a query history entry for a query with ID '01b1bab8-0000-108f-0001-9883003f23a2'. The query is associated with the database 'IBSNOW\_INGEST'. The 'Query Details' tab is selected. The SQL text of the query is:

```
insert into sparkplug_device_messages
select *
from sparkplug_messages_flattened_vw
;
```

Below the SQL text, a red-bordered warning box contains the following message:

 The stream 'DEVICE\_RECORDS\_STREAM' has become stale. Please recreate the stream using CREATE OR REPLACE STREAM.

To un-stale a stream, simply rerun the create statement making sure that the grants to it are the same as prior to the recreation

- CL\_BRIDGE\_NODE\_DB
  - INFORMATION\_SCHEMA
  - NB\_GPI\_HAMEL
  - NB\_IBSNOW\_BRIDGE\_INFO
  - NB\_IBSNOW\_EDGE\_NODE\_INFO
  - NB\_IBSNOW\_MQTT\_CLIENT\_INFO
  - PUBLIC
  - STAGE\_DB
    - Tables
    - Views
    - Streams
      - DEVICE\_RECORDS\_STREAM**
      - NBIRTH\_STREAM
    - Functions
    - Procedures
- CL\_BRIDGE\_STAGE\_DB
- SNOWFLAKE
- SNOWFLAKE SAMPLE DATA

CL\_BRIDGE\_NODE\_DB / STAGE\_DB / DEVICE\_...

Stream SYSADMIN 1 hour ago

### Details

Table Name	Type
CL_BRIDGE_NODE_DB.ST...	DELTA
Mode	State
DEFAULT	No

### Stream definition

```

1 create or replace stream
  CL_BRIDGE_NODE_DB.STAGE_DB.DEVICE_RECORDS_STREAM on view DEVICE_RECORDS_VW;
  
```