

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;

```