



STRIIM AND SNOWFLAKE

Streaming Critical Data in Real Time Using Snowflake Snowpipe with Striim

Problem:

In today's fast-paced business world, organizations need to make decisions, manage operations, and power customer experiences with real-time data. However, many organizations struggle to stream data from critical sources into their data warehouses in real time, leading to delays in decision-making, missed opportunities, and even regulatory fines.

Solution:

The Striim to Snowflake Snowpipe Streaming integration is a powerful solution that can help organizations stream data from critical sources into Snowflake in real time. Striim is a leading data streaming platform that offers a wide range of features, including:

- **High performance:** Streaming data at speeds of up to 100GB per second.
- **Low latency:** Delivering data to Snowflake with sub-second latency.
- **Scalability:** Meeting the needs of even the largest organizations.
- **Flexibility:** Streaming data from a wide variety of sources, including databases, applications, and sensors.

Snowpipe Streaming is a new feature in Snowflake that allows organizations to stream data directly into Snowflake tables, bypassing cloud storage technology. This direct source-to-Snowflake data transfer via Striim can help improve performance and reduce costs.

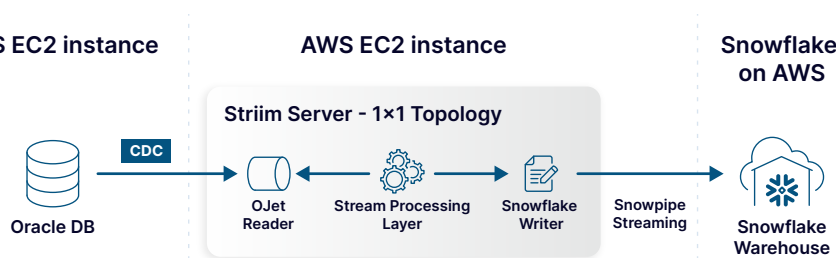


Fig. 1: High-level view of the Striim Data Pipeline between Oracle Database and Snowflake using Snowpipe Streaming.

Benefits:

The Striim to Snowflake Snowpipe Streaming integration offers a number of benefits, including:

- **Real-time insights:** Organizations can gain real-time insights into their data, which can be used to make better decisions.
- **Increased agility:** Organizations can be more agile and responsive to changes in the market.
- **Improved compliance:** Organizations can improve their compliance with regulations by streaming data into Snowflake in real time.
- **Reduced costs:** Organizations can reduce the cost of data storage by streaming data directly into Snowflake.

“Fast and less expensive!”

James Malone
Product at Snowflake

“While benchmarking the Snowpipe Streaming API, Striim demonstrated over 95% cost reduction with minimal latency.”

Xin Huang
Product Manager at Snowflake



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Key Features

- Fastest Oracle CDC on Earth.**
 High performance log-based change data capture streams incremental changes to targets with minimal impact on sources, networks, and applications.
- Continuous Replication.**
 Replicate data continuously in real-time to enable application availability and disaster recovery.
- Smart Data Pipelines.**
 Build smart data pipelines in real-time that connect any enterprise system in a modern cloud architecture. Leverage best-in-market Streaming SQL to deliver real-time data ready for analysis. Merge live streams with external data for lambda views and analysis and perform continuous queries and loads.
- Schema Evolution and Data Validation.**
 Ensure data consistency and readiness with efficient validation that compares sources and targets on an ongoing basis. Striim's intelligent schema evolution lets you define how to propagate changes to downstream subscribers.
- Real-Time Analytics & Data Insights.**
 Analyze and visualize continuously ingested data with dashboards, monitoring, alerts, visualizations, and reporting. Ideal for fraud detection and risk management.
- Deploy Anywhere.**
 Striim Platform is available to deploy to on-premises environments and in public clouds as a Platform-as-a-Service (PaaS), and Striim Cloud is available as a Software-as-a-Service (SaaS) offering, all via Microsoft Azure Marketplace, Google Cloud Marketplace and AWS Marketplace.

LEARN MORE

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