



SnowTrail by CoEnterprise

Empowering Common Sense Data Security With Snowflake

Picture this: A Snowflake user downloads a csv file that includes social security numbers, and it ends up for sale on the dark web. Another Snowflake user queries the salary of their manager. Another creates a background data job on their last day of work that sends a monthly customer list to a public S3 bucket. Another creates a fake user and grants it permissions. You get the point.

Now imagine an enterprise where these actions can be detected and responded to with an unprecedented level of insight and accuracy.



Low-tech and kind of brilliant.

- Data Security Professional, Major Entertainment Studio

Why Is Suspicious Activity So Hard to Stop?

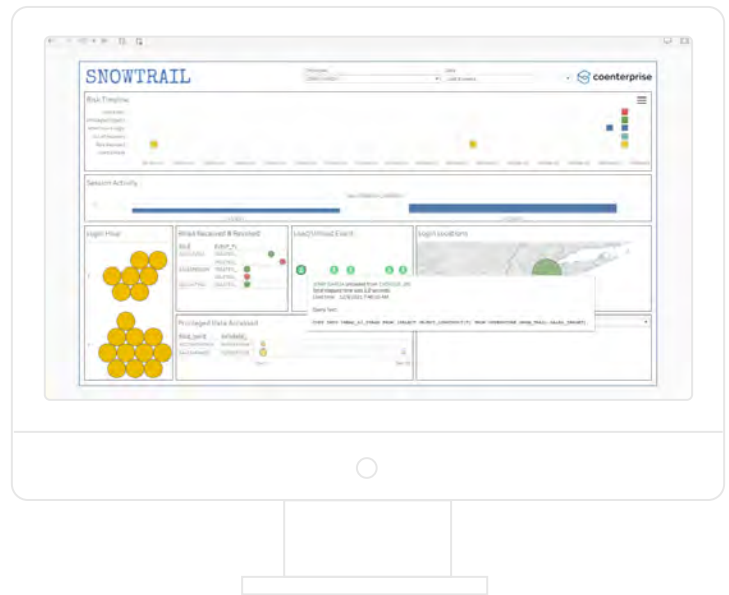
The challenge has always been that no behavior is intrinsically “wrong” in a database. It’s okay to download data, share it, view underlying details, and assign permissions to others. The problem is it is almost impossible for an algorithm to figure out if someone’s actions are expected or problematic. Large enterprises have sophisticated AI tools to look for bad actors and disgruntled employees, but you may not.

At CoEnterprise we have created a tool called SnowTrail that reveals suspicious behavior in Snowflake to the one individual who knows best what data an employee should be accessing, updating, and moving: their manager. Managers can review red flag behavior and choose to dismiss it or act.

Introducing Snowtrail

SnowTrail makes common sense security possible through Snowflake's comprehensive auditing history. Virtually everything that happens in Snowflake is preserved: every 3AM query that's run, every secure column accessed, every foreign IP address, every SQL statement against a masking policy, every update, every download.

SnowTrail has been built to identify concerning patterns in these data. It makes them visible on an interactive timeline in Tableau – but just as importantly, it surfaces these events through Slack notifications. Directly in Slack, managers can take immediate action within their workflow whether that means following up with the individual or disabling their access to Snowflake on the spot.



Easy Setup & Implementation

If you're already a Snowflake user, we can set you up with SnowTrail in less than a week. If you're just getting started, this is a powerful tool even in the early days of your deployment when your security and governance is at its most vulnerable.

SnowTrail integration is straightforward. The application is fully customizable to your needs, and we can get your users trained in less than an hour. In 24 hours, you can bet that your Snowflake users will know about it and think twice about their Snowflake behavior.

What We Monitor:

- ✓ Access to secure tables, columns, & rows
- ✓ Activity outside of business hours
- ✓ Grants received and given
- ✓ Data copies
- ✓ Tagged objects
- ✓ IP locations

We Support All Things Snowflake



Optimized analytics integration



Data sharing at scale within your organization and across the world



Security configuration auditing



Data pipeline engineering and architecture



Improved BI tool performance



Migrating data assets



Exploratory POCs



Real-time data integration



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