

Why Upgrade from Trino to Starburst?

Built by the creators of Trino, Starburst is the enterprise-grade query engine that can take your data lake solutions to the next level.

Where Trino was created to solve big data problems, Starburst was made to bring data-led insights to the organizations that need them.

There is no denying that Trino is a powerful engine but it requires extensive resources to manage and scale. Inadequately resourced teams are challenged with deploying and scaling infrastructure and managing day-to-day operations. Data teams turn to Starburst to ease that burden and help reduce their total cost of ownership (TCO) by up to 50%.

How do the two compare?

We look at the key differences between your baseline Trino SQL and the added performance, connectivity and security of Starburst.



UP TO
50%
OF TOTAL COST OF OWNERSHIP
(TCO) COULD BE REDUCED



VS



Performance

Get access to enhanced and additional connectors for data sources like Snowflake, Salesforce, Teradata, and others, as well as performance improvements, such as Starburst Warp Speed.

Trino

- ✓ Petabyte scale
- ✓ Accelerated parquet

Starburst

- ✓ Petabyte scale
- ✓ Accelerated parquet
- ✓ Materialized views
- ✓ Complex expression pushdown
- ✓ Smart indexing and caching

Scalability

Easily manage and scale your architecture to support ever-growing demand, whether you manage Starburst in-house or let us do the work for you with Starburst Galaxy.

Trino

- ✓ Resource groups

Starburst

- ✓ Resource groups
- ✓ Autoscaling and cluster scheduling
- ✓ Fully managed
- ✓ Cross-cloud analytics (Stargate only)

Simplicity

Operate more efficiently with an intuitive interface and out-of-the-box query editing, data discovery, and data product capabilities.

Trino

- ✓ Trino command line interface

Starburst

- ✓ Trino command line interface
- ✓ GUI or API-based management
- ✓ Query editor and sharing
- ✓ Data products
- ✓ Global search
- ✓ Schema discovery

Security and Governance

Leverage built-in access controls with role as well as attribute-based configurations, and guarantee enterprise-grade security from the client to the underlying data source.

Trino

- ✓ Kerberos Support

Starburst

- ✓ Kerberos Support
- ✓ User impersonation
- ✓ Built-in RBAC and ABAC
- ✓ Password credential passthrough
- ✓ Query logger and auditor

Support

You are backed by a professional services team and the largest group of Trino experts in the world who also just happen to be the leading contributors to the project.

Trino

- ✓ Online community

Starburst

- ✓ Online community
- ✓ 24/7 support 365 days per year
- ✓ Fully-tested, stable releases
- ✓ Technical account manager



With Starburst, we have accelerated data discovery, simplified data pipelines and have a unified query layer across all data sources. These three points are critical to what we do.

Patrice Linel,
Senior Manager of Data Science
and Data Engineering,
Genus



Available in
AWS Marketplace