

Fivetran Teleport Sync

Log-free database replication

Fivetran Teleport Sync is a proprietary database replication method that offers the completeness of snapshots while approaching the speed of log-based systems. With this sync mechanism, Fivetran can incrementally replicate your database with no additional setup besides a read-only SQL connection.

Fivetran Teleport Sync works by running SQL queries in your database that return a compressed version of your data in a form that can be used to find the changed data.



No timestamps needed

- Avoid timestamp precision concerns
- Eliminate workflows to implement + update columns to replicated tables



No transaction log requirements

- Mitigate log storage concerns
- Minimal set up: just read-only database access



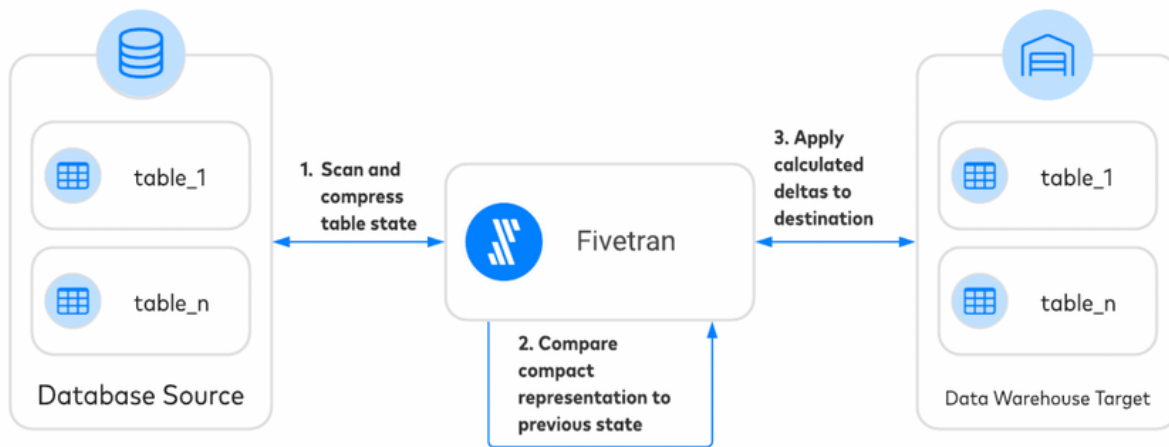
Faster than non-compressed full table syncs

- Run intra-day replication
- Deltas applied to destination without full table replacements

Use cases

- Third-party hosted databases: Replicate data from external services and tools without access to transaction logs
- Security concerns and constraints: Only have access to a read-only database
- Serverless deployments: Able to handle scenarios without logs
- Truncate/reload: Alternate method for data replication when tables are truncated and reloaded into the destination

How Fivetran Teleport Sync works



Considerations

- Tables must have primary keys
- Primary keys must be integers or strings
- Tables smaller than 1TB for best performance

Resources

- 1GB free RAM
- 1 free CPU core
- IOPS optimization

Additional information

[Fivetran Introduces Breakthrough For Database Replication](#)

[Fivetran Teleport Sync Documentation](#)

[Fivetran looks to Teleport Data for Database Replication](#)

Supported database types



PostgreSQL



Oracle



MySQL



SQL Server

Add Fivetran Teleport Sync to your database connector with just the click of a button!