

Fail Safe

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What is fail-safe? What are its advantages

Fail-safe is additional data protection provided for data in permanent tables which is recoverable by snowflake support. This is a non-configurable 7-day period.

Advantage:

It is a data backup of last resort in case you want to recover data after the time travel period has expired



How will you measure how much of data from your tables is in fail safe and time travel?

We should go to the `SNOWFLAKE.ACCOUNT_USAGE.TABLE_STORAGE_METRICS` view to understand the amount of data in fail-safe storage. The field `FAILSAFE_BYTES` is the field that we need to look at. If we want to know the time travel bytes then we should go to the field `TIME_TRAVEL_BYTES`



Do transient and temporary tables have time-travel?

Transient and temporary tables do have time travel, they can be configured to a maximum of 1 day.



Thank you!
