

DATA READING METHOD AND APPARATUS

ABSTRACT

Embodiments of this specification provide a data reading method and apparatus, where the data reading method includes: receiving a data reading transaction request; acquiring a snapshot timestamp based on the data reading transaction request; and sending, in a case that the snapshot timestamp is less than a maximum commit timestamp for a write transaction of first databases, the data reading transaction request carrying the snapshot timestamp to the first databases for data reading. In the data reading method, acquisition for a snapshot timestamp is performed once, and consistency between data of distributed standby databases and data of the corresponding primary database read under the same data reading transaction request can be ensured based on the snapshot timestamp, which greatly improves the user experience for data reading and querying in the distributed standby databases.

FIG. 1