

NEW, an update timestamp.

On query, compare PREV to REPLICA TIMESTAMP. If up-to-date, execute the query, and return the value. If not up-to-date, get the UPDATE LOGS and VALUE TIMESTAMP, and execute the required updates. Finally, execute the

guery and return the value.

Send to *f* replicas. Compare PREV to REPLICA TIMESTAMP. If up-to-date, execute the update, and return NEW, an updated timestamp. If not up-to-date, get the UPDATE LOGS and VALUE TIMESTAMP, and execute the required updates. Finally, execute the update and return