

METHOD, SYSTEM AND APPARATUS FOR MANAGING PRIMARY AND SECONDARY DATABASES

ABSTRACT

The present application provides a method, system and apparatus for managing
5 primary and secondary databases. The method includes: determining whether a lock
held by a primary database expires, where the primary database and secondary
databases share the lock; if determining that the lock held by the primary database has
expired, determining whether a lock renewal request of the primary database is
received; and if the lock renewal request of the primary database is not received,
10 selecting one of the secondary databases as a new primary database, and controlling
the primary database to be switched to a secondary database. According to the method,
if the primary database does not send the lock renewal request before the lock held by
the primary database expires, it is determined that the lock held by the primary
database is invalid and the primary database cannot normally serve a user, so that a
15 secondary database is selected as a new primary database, thereby improving a speed
and accuracy of switching between primary and secondary databases.

FIG. 1