

ABSTRACT

The present application discloses a data synchronization method, apparatus, and system. The data synchronization method includes the following: after determining that data of a source end database is modified, generating a real-time notification for this data modification by a data synchronization source end and sending the real-time notification to a data synchronization target end; and after receiving the real-time notification, obtaining data modification related information by parsing the real-time notification by the data synchronization target end and updating a cache in a target end database based on a parsing result. In the previous solution, after the real-time notification is received, a cache in a local database can be directly updated based on information included in the real-time notification. Nonetheless, monitoring a local database can be initiated to update cache data immediately after synchronization of local data is completed so as to reduce a cache synchronization update delay.