

METHOD, SYSTEM AND APPARATUS FOR DATA ACCESS

ABSTRACT

The present application discloses a method, system and apparatus for data access. During a data storage process, a data storage instruction is first determined; then a
5 blockchain and a key pair that correspond to an identifier are determined based on the identifier carried in the data storage instruction; finally, data to be stored is stored in the blockchain based on the key pair. During a data query process, a data query instruction is first determined; then a blockchain and a private key that correspond to an identifier are determined based on the identifier that corresponds to the data query
10 instruction; finally, a query is performed after data in the blockchain is decrypted based on the private key. It can be seen that, according to the method provided in this implementation of the present application, for accessing data that corresponds to the identifier is accessed, there is no need to access a plurality of databases but only the following operation needs to be performed: accessing the blockchain that corresponds
15 to the identifier, and storing data by using a key pair. As such, data security is ensured, operation complexity can be lowered, and data access efficiency can be improved.

FIG. 3