

BLOCKCHAIN DATA AUTHORIZATION ACCESS METHOD AND APPARATUS, AND DEVICE

ABSTRACT

A blockchain data authorization access method and apparatus, and a device. The method comprises: a blockchain platform obtains a data access request of a third-party mechanism, wherein the data access request comprises a user identifier, a data range and a signed random number for accessing data; the signed random number is generated by the third-party mechanism after receiving a random number sent by a user end and then signing same; verify the signed random number and the data range; and after the verification passes, send a data ciphertext corresponding to the user identifier to the third-party mechanism, so that the third-party mechanism decrypts the data ciphertext by using a data private key sent by the user end. The blockchain platform verifies the random number, the data range, data access time and other information in the data access request of the third-party mechanism according to data verification information authorized by the user end, so that data of a user can be precisely controlled, and at the same time, the user can control the range and the duration for a third party to access the data.

FIG. 2