

ABSTRACT

A data processing method and apparatus based on a blockchain, a device, and a medium are provided. The method is performed by a blockchain node, and includes: obtaining a storage instance mapping table based on database configuration information of the blockchain node, the storage instance mapping table including data mapping relationships of N database instances, the data mapping relationships indicating data types of the database instances, and N being a positive integer greater than 1 (601); determining M candidate database instances from the N database instances in a case that to-be-stored blockchain data is already obtained, data types of the candidate database instances being matched with the blockchain data, and M being a positive integer less than or equal to N (602); and storing the blockchain database to a first database instance among the M candidate database instances according to a data sharding strategy in the database configuration information (603). With the above method, the storage capability of the blockchain node can be improved, thereby meeting a storage requirement.

15 Fig. 6