

ABSTRACT

Provided in the present disclosure are a data query method and apparatus, a device and a medium. The method comprises: acquiring a first keyword to be queried; on the basis of an oblivious pseudorandom function, encrypting the first keyword to obtain a first oblivious pseudorandom function value corresponding to the first keyword; determining a first hash value of the first keyword on the basis of the first oblivious pseudorandom function value and a hash function, and determining a first key of the first keyword on the basis of a key derivation function; and, on the basis of the first hash value, the first key and a symmetric encryption algorithm, decrypting a ciphertext data packet provided by a server to obtain a query result corresponding to a data query operation. The present disclosure helps to improve the efficiency of data query.