

ABSTRACT

A data processing method. The method is executed by a target consensus node in a core consensus network, and comprises: receiving a transaction to be on-chained and a target chain identifier, which are sent by a service node, wherein the target chain identifier belongs to M chain identifiers that are configured for the service node, the M chain identifiers belong to chain identifiers of N service branch chains that are registered by a core consensus network, one service branch chain corresponds to one transaction service, and one service branch chain corresponds to one chain identifier (step S101); on the basis of a derivation condition corresponding to the target chain identifier, packaging said transaction, so as to obtain a block to be verified, and sending, on the basis of the target chain identifier, said block to at least some consensus nodes, other than the target consensus node, in the core consensus network (step S102); and receiving first block consensus results that are returned by the consensus nodes, and if the first block consensus results indicate that a consensus is reached successfully, writing, on the basis of a genesis block, said block into the service branch chain corresponding to the target chain identifier (step S103).