

MANAGEMENT METHOD FOR BLOCKCHAIN NETWORK AND RELATED DEVICE

ABSTRACT

A management method for a blockchain network is applied to a management system for a
5 blockchain network. The blockchain network includes a public node pool and an external node,
the management system includes a controller, a checker, and a router, and the method includes:
The controller receives a node creation request. The controller creates a new node in the blockchain
network in response to the node creation request, and switches, to a target node in the public node
pool, traffic intended for the new node. The checker checks a status of the new node or a blockchain
10 height of a ledger maintained by the new node. When the status of the new node or the blockchain
height of the ledger maintained by the new node meets a condition, the router switches, to the new
node, traffic in the blockchain network directed to the target node. In the method, the public node
pool and the external node are introduced to perform data presynchronization. The new node may
perform ledger synchronization based on a ledger snapshot of a node in the public node pool,
15 without occupying consuming significant of bandwidth resources, and the ledger synchronization
time may also be greatly shortened.

Fig. 1