

BLOCKCHAIN SYSTEMS, AND MESSAGE TRANSMISSION METHODS AND APPARATUSES

ABSTRACT

One or more embodiments of this specification provide a blockchain system, and a message transmission method and apparatus. The method is applicable to a load balancer belonging to any relay cluster in a blockchain relay communication network, the blockchain relay communication network includes at least one relay cluster, each blockchain node is connected to at least one relay cluster, each relay cluster includes a load balancer and at least one relay node connected to the load balancer. The method includes: allocating, after receiving a blockchain message from any blockchain node, the blockchain message to a specific relay node in the any relay cluster, for the specific relay node to determine a target relay cluster according to identification information included in the blockchain message, the target relay cluster is connected to a target blockchain node indicated by the blockchain message; and transmitting, after receiving the blockchain message returned by the specific relay node, the target blockchain message to the target blockchain node through the target relay cluster.

FIG. 6