NODE RESTART SYSTEM FOR CONSORTIUM BLOCKCHAIN, METHOD, AND COMPUTER SYSTEM

ABSTRACT

This specification provides a node restart system for a consortium blockchain, a method, and a computer system. The system includes a plurality of target nodes, and further includes a trusted storage node and a backup node that correspond to each target node. The target node is configured to back up data stored in the target node. The trusted storage node is configured to store data sent by the target node. The backup node is configured to: monitor a running status of the target node in real time, and when the target node goes down, obtain the data of the target node from the trusted storage node, to execute a corresponding service in place of the target node. This resolves a problem that some services cannot be executed if a certain node in the consortium blockchain goes down, ensures high availability of the consortium blockchain, reduces a data amount of backup data, and saves storage costs.

FIG. 1