CLAIMS

1. A method for processing service data, wherein service data comprises data representing a transaction of transferring a service object from a source address to a destination address, the method comprising:

receiving, at a second blockchain node and from a server, feedback information comprising a predetermined number of node identifiers selected by the server from multiple node identifiers included in multiple service processing requests, wherein the multiple service processing requests notify the server of respective service data processing requirements and include node identifiers that identify corresponding blockchain nodes;

determining, by the second blockchain node, a predetermined number of first blockchain nodes based on the predetermined number of node identifiers comprised in the received feedback information;

receiving, at a second blockchain node, respective first service data sent by each first blockchain node, wherein first service data received from each respective first blockchain node comprises a respective first source address and a respective first destination address (202);

generating, by the second blockchain node, second service data based on the first service data received from each first blockchain node, wherein the second service data comprises a second source address and a second destination address, the second source address comprising the first source addresses, and the second destination address comprising the first destination addresses (204);

sending, by the second blockchain node. the second service data to each of the first blockchain nodes, wherein each first blockchain node checks corresponding first service data included in the second service data (206); and

processing, by the second blockchain node the second service data when acknowledgement information sent by each of the first blockchain nodes is received (208).

2. The method according to claim 1, wherein the predetermined number of node identifiers are selected by the server by performing a selection method that selects node identifiers such that there is a lack of service association among blockchain nodes that correspond to selected node identifiers and among service data that corresponds to the blockchain nodes.

3. The method according to claim 1, wherein the server determines the second blockchain node.

4. The method according to any one of claims 1 to 3, wherein the second blockchain node is a blockchain node included in the determined first blockchain nodes.

5. The method according to claim 1, wherein processing the second service data comprises:

sending the second service data to a consensus node in a blockchain network, wherein the consensus node performs consensus processing on the second service data; and

if the second service data is verified, storing the second service data in the blockchain network.

6. The method according to claim 1, wherein sending a service processing request to a server comprises:

adding quantity information to the service processing request, and sending the service processing request to the server, so that the server selects blockchain nodes that satisfy the quantity information from the multiple blockchain nodes that send the multiple service processing requests.

7. The method according to any one of claims 1 to 6, wherein the service data processing method further comprises:

sending third service data to one or more of the first blockchain nodes; and

creating second service data based on the first service data comprises:

creating the second service data based on the first service data and the third service data.

8. The method according to claim 7, wherein sending the third service data to one or more of the first blockchain nodes comprises:

sending encrypted third service data to the one or more first blockchain nodes.

9. The method according to claim 1, wherein the second blockchain node is independent from the first blockchain nodes.

10. The method according to claim 1, wherein the second blockchain node is associated with a service data processing procedure.

11. The method according to claim 1, wherein the first blockchain nodes are determined based on a random selection.

12. A device for processing service data, the device comprising a plurality of modules configured to perform the method according to any one of claims 1 to 11.

13. A method for processing service data, the method comprising:

sending, by a first blockchain node, first service data to a second blockchain node, wherein the first service data comprises a first source address and a first destination address;

receiving second service data created by the second blockchain node, wherein the second service data comprises a second source address and a second destination address, the second source address comprises the first source address, and the second destination address comprises the first destination address;

checking the second service data; and

sending acknowledgement information to the second blockchain node, wherein the second blockchain node processes the second service data.

14. A device for processing service data, the device comprising a plurality of modules configured to perform the method according to any one of claims 13.