

CLAIMS

What is claimed is:

1.- ____ A blockchain-based resource allocation method, applied to a blockchain network that comprises a target user client ~~and a first node device, wherein the method comprises~~ terminal of a target user and a first node device, wherein the method is a computer-implemented method executed on the first node device, the first node device including a storage and a processor, wherein the storage stores a computer program that when run by the processor performs operations comprising:

obtaining, (102), by the first node device in the blockchain network, a target transaction from a distributed database of the blockchain network, wherein the target transaction comprises service behavior data of the target user generated at the target user client terminal, and the service behavior data of the target user is generated by the target user client terminal by using a target service provided by the first node device in the blockchain network; and

invoking (104), by the first node device, a smart contract corresponding to a resource allocation, of a resource, wherein the smart contract is deployed on the blockchain network through consensus and executing verification performed by node devices of the blockchain network, wherein the consensus on the smart contract includes a consensus on resource allocation logic that is declared in the smart contract, wherein the invoking of the smart contract comprises:

executing the resource allocation logic that is stored in the smart contract

and that is related to the service behavior data of the target user,

verifying an execution result of the invoking the smart contract for the resource allocation, wherein the verifying is based on a consensus between the nodes of the blockchain network,

in response to transfer a verifying the execution result, recording the execution result in the distributed database of the blockchain network,

recording the service behavior data of the target user in the distributed database of the blockchain network, and

transferring the resource to the target user, wherein an amount of the resource corresponds to the service behavior data.

2.- ____ The method according to claim 1, wherein the resource comprises a digital asset on the blockchain or a value corresponding to a resource off the blockchain.

3.- ____ The method according to claim 1 or 2, wherein the service behavior data of the target user comprises activeness data of the target user about using the target service, or evaluation data generated for the target user about using the target service.

4.- ____ The method according to claim 1 or 2, wherein ~~the~~ the resource allocation logic that is declared in the smart contract and that is related to the service behavior data of the target user, to transfer ~~a~~ the resource to the target user comprises:

determining whether the service behavior data of the target user reaches a predetermined threshold; and

in response to determining that the service behavior data of the target user reaches the predetermined threshold, transferring an amount of resources corresponding to the service behavior data to the target user by using the smart contract.

5.- ____ The method according to claim 3, wherein the blockchain network is a consortium ~~chain~~ blockchain network, and the first node device comprises a consortium member node device that provides the target service.

~~6. A blockchain-based resource allocation apparatus, applied to a blockchain network that comprises a target user client and a first node device, wherein the apparatus is applied to the first node device and comprises:~~

~~an acquisition unit, configured to obtain a target transaction from a distributed database of a blockchain, wherein the target transaction comprises service behavior data of a target user, and the service behavior data of the target user is generated by the target user client by using a target service; and~~

~~an execution unit, configured to invoke a smart contract corresponding to resource allocation, and execute resource allocation logic that is declared in the smart contract and that is related to the service behavior data of the target user, to transfer a resource to the target user.~~

~~7. The apparatus according to claim 6, wherein the resource comprises a digital asset on the blockchain or a value corresponding to a resource off the blockchain.~~

~~8. The apparatus according to claim 6 or 7, wherein the service behavior data of the target user comprises activeness data of the target user about using the target service, or evaluation data generated for the target user about using the target service.~~

~~9. The apparatus according to claim 6 or 7, wherein the execution unit is further configured to:~~

~~determine whether the service behavior data of the target user reaches a predetermined threshold; and~~

~~in response to determining that the service behavior data of the target user reaches the predetermined threshold, transfer an amount of resources corresponding to the service behavior data to the target user by using the smart contract.~~

~~10. The apparatus according to claim 8, wherein the blockchain is a consortium chain, and the first node device comprises a consortium member node device that provides the target service.~~

~~11.~~

6. A computer device, comprising a storage and a processor, wherein the storage stores a computer program that can be run by the processor, and when running the computer program, the processor executes the method according to any one of claims 1 to 5.

~~12.~~

7. A computer-readable storage medium, wherein the computer-readable storage medium stores a computer program, and when the computer program is run by a processor, the method according to any one of claims 1 to 5 is executed.