CLAIMS

What is claimed is:

1. A blockchain server computing capability allocation method comprising:

acquiring, by a computing scheduling module, first sub-account information sent by a blockchain computing distribution module, wherein the blockchain computing distribution module comprises a plurality of sub-accounts;

scheduling, by the computing scheduling module, the blockchain server to provide computing capability for a first sub-account according to the first sub-account information;

determining, by the blockchain computing distribution module, an up-to-standard result of the computing capability of the first sub-account, and feeding back the up-to-standard result to the computing scheduling module;

scheduling the blockchain server to provide computing capability for a second sub-account when the computing scheduling module determines that the computing capability of the first sub-account is up to standard according to the up-to-standard result; scheduling the blockchain server to continue to provide the computing capability for the first sub-account by the computing scheduling module when the computing scheduling module determines that the computing capability of the first sub-account is not up to standard according to the up-to-standard result; and

repeating the above steps until the computing capability of all sub-accounts is up to standard;

wherein the first sub-account information comprises the first sub-account and a blockchain consensus computing task corresponding to the first sub-account; and

the step of scheduling, by the computing scheduling module, the blockchain server to provide computing capability for a first sub-account according to the first sub-account information comprises:

sending the blockchain consensus computing task corresponding to the first sub-account to the blockchain server by the computing scheduling module;

computing a task result according to the blockchain consensus computing task corresponding to the first sub-account by the blockchain server;

feeding back the task result to the computing scheduling module by the blockchain server; and

sending the task result to the blockchain computing distribution module by the computing scheduling module.

2. The blockchain server computing capability allocation method of claim 1, wherein the step of determining an up-to-standard result of the computing capability of the first sub-account by the blockchain computing distribution module comprises:

determining the computing capability according to the task result by the blockchain computing distribution module;

adding, by the blockchain computing distribution module, the computing capability corresponding to the task result and an accumulated computing capability of the first sub-account to obtain a target computing capability of the first sub-account, wherein the accumulated computing capability of the first sub-account is computed according to a computing result of the blockchain server corresponding to the first sub-account received by the blockchain computing distribution module; and

determining the up-to-standard result according to the target computing capability of the first sub-account and computing capability standard corresponding to the first sub-account by the blockchain computing distribution module.

3. The blockchain server computing capability allocation method of claim 1, wherein the first sub-account information further comprises a blockchain computing distribution center address corresponding to the first sub-account; and

the step of acquiring, by the computing scheduling module, the first sub-account information sent by the blockchain computing distribution module comprises:

acquiring, by the computing scheduling module, the first sub-account information sent by the blockchain computing distribution module and the blockchain computing distribution center address corresponding to the first sub-account;

sending, by the computing scheduling module, authentication information to the blockchain computing distribution module according to the first sub-account and the blockchain computing distribution center address corresponding to the first sub-account;

feeding back an authentication result to the computing scheduling module according to

the authentication information by the blockchain computing distribution module;

connecting to the blockchain computing distribution center corresponding to the first sub-account according to the authentication result by the computing scheduling module when the authentication result is successful;

sending, by the blockchain computing distribution module, a blockchain consensus computing task corresponding to the first sub-account to the computing scheduling module; and

receiving, by the computing scheduling module, the blockchain consensus computing task corresponding to the first sub-account sent by the blockchain computing distribution module.

4. The blockchain server computing capability allocation method of claim 1, further comprising: scheduling a standby blockchain server to provide the computing capability for the sub-account when the computing scheduling module determines that the blockchain server fails or the computing capability of the blockchain server is not up to standard.

5. A blockchain server computing capability allocation system comprising: a blockchain server and a computing scheduling module;

wherein the computing scheduling module is configured to acquire sub-account information sent by an external blockchain computing distribution module and schedule the blockchain server to provide computing capability for the sub-account according to the sub-account information; the blockchain computing distribution module comprises a plurality of sub-accounts; and

the blockchain server is configured to provide the computing capability for the sub-account according to a scheduling instruction of the computing scheduling module;

wherein the computing scheduling module is specifically configured to:

acquire first sub-account information sent by the blockchain computing distribution module;

schedule the blockchain server to provide computing capability for a first sub-account according to the first sub-account information; and

receive an up-to-standard result of the computing capability of the first sub-account fed back by the blockchain computing distribution module,

wherein the computing scheduling module schedules the blockchain server to provide the computing capability for a second sub-account when determining that the computing capability of the first sub-account is up to standard according to the up-to-standard result of the computing capability of the first sub-account; and the computing scheduling module schedules the blockchain server to continue to provide the computing capability for the first sub-account when determining that the computing capability of the first sub-account is not up to standard according to the up-to-standard result of the computing capability of the first sub-account.

6. The blockchain server computing capability allocation system of claim 5, further comprising: a blockchain computing distribution module;

wherein the blockchain computing distribution module is configured to send sub-account information to the computing scheduling module, and determine an up-to-standard result of the computing capability of the sub-account according to a scheduling result of the computing scheduling module, and feed back the up-to-standard result to the computing scheduling module; and

the computing scheduling module is further configured to determine computing capability allocation result of the blockchain server according to the scheduling result.