Claims

1. A method implemented by one or more processors, the method comprising:

in response to a blockchain node service deployment request from a user, sending the blockchain node service deployment request to a blockchain server to enable the blockchain server to deploy a node service on one or more blockchain nodes;

configuring a trusted application corresponding to the one or more blockchain nodes for a device associated with the user based on configuration information of the one or more blockchain nodes that is returned by the blockchain server; and

sending the trusted application to enable an installation of the trusted application on the device.

2. The method of claim 1, wherein the configuration information comprises addresses of the one or more blockchain nodes.

3. The method of claim 1, wherein the blockchain node service deployment request comprises identification information of the device associated with the user and one or more blockchain node configuration parameters.

4. The method of claim 1, further comprising:

receiving a service account registration request from the user and device information associated with the user.

5. The method of claim 4, further comprising:

sending the service account registration request and the device information to a trusted

service management server; and

sending the service account registration request to the blockchain server.

6. The method of claim 5, wherein sending the trusted application comprises:

sending identification information of the device and the trusted application to the trusted service management server, to enable the trusted service management server to install the trusted application on the device.

7. The method of claim 1, wherein the device comprises an Internet of Things device.

8. One or more computer readable media storing executable instructions that, when executed by one or more processors, cause the one or more processors to perform acts comprising:

deploying a node service on one or more blockchain nodes in response to a blockchain node service deployment request from a user;

configuring a trusted application corresponding to the one or more blockchain nodes for a device associated with the user based on configuration information of the one or more blockchain nodes; and

sending the trusted application to a trusted service management server to enable the trusted service management server to install the trusted application onto the device.

9. The one or more computer readable media of claim 8, wherein sending the trusted application comprises:

sending identification information of the device and the trusted application to the trusted service management server, to enable the trusted service management server to install the trusted application onto the device.

10. The one or more computer readable media of claim 8, the acts further comprising:

receiving a service account registration request from the user and information of the device associated with the user to complete a service account registration of the user and binding of the device.

11. The one or more computer readable media of claim 10, the acts further comprising:

sending the service account registration request and the information of the device to the trusted service management server.

12. The one or more computer readable media of claim 8, wherein the device comprises an Internet of Things device with a trusted security chip or module.

13. A system comprising:

one or more processors;

memory;

a blockchain management platform stored in the memory and executable by the one or more processors, and a blockchain server stored in the memory and executable by the one or more processors, wherein:

the blockchain management platform is configured to respond to a blockchain node service deployment request from a user, send the blockchain node service deployment request to a blockchain server, configure a trusted application corresponding to one or more blockchain nodes for a device associated with the user based on configuration information of the one or more blockchain nodes returned by the blockchain server, and send the trusted application to

enable an installation of the trusted application on the device; and

the blockchain server is configured to respond to the blockchain node service deployment request from the blockchain management platform, deploy a node service in the one or more blockchain nodes, and return the configuration information of the one or more blockchain nodes to the blockchain management platform.

14. The system of claim 13, further comprising:

a trusted service management server configured to remotely install the trusted application corresponding to the device on the device based on identification information of the device associated with the user and the trusted application received from the blockchain management platform.

15. The system of claim 14, further comprising:

a trusted execution environment in the device, which is connected to the trusted service management server, configured to install the trusted application corresponding to the device on the device in response to a remote installation operation from the trusted service management server.

16. The system of claim 14, wherein the blockchain management platform is further configured to send the identification information of the device and the trusted application to the trusted service management server, to enable the trusted service management server to install the trusted application on the device.

17. The system of claim 13, wherein the blockchain management platform is further configured to:

receive a service account registration request from the user and information of the device associated with the user.

18. The system of claim 17, wherein the blockchain management platform is further configured to:

send the service account registration request and the information of the device to the trusted service management server.

19. The system of claim 18, wherein the blockchain management platform is further configured to:

send the service account registration request to the blockchain server.

20. The system of claim 13, wherein the system is applied to the Internet of Things, and the device comprises an Internet of Things device with a trusted security chip or module.