CLAIMS

1. A method for information processing, applicable to a first edge node and comprising:

acquiring attribute information of the first edge node and a number of nodes in a node group comprising the first edge node, and generating registration request information based on the attribute information and the number of nodes, wherein the node group comprises the first edge node and a second edge node with the same attribute information;

sending the registration request information to a management platform;

receiving an authentication certificate and a first installation package corresponding to the registration request information from the management platform, and installing a first application based on the authentication certificate and the first installation package; and

controlling, through a remote control module in the first application, the second edge node to install the first application.

2. The method of claim 1, wherein controlling, through the remote control module in the first application, the second edge node to install the first application comprises:

receiving access information for accessing the second edge node, and determining an access manner based on the access information;

parsing the first installation package and generating a second installation package;

sending, through the remote control module, the second installation package to the second edge node in the access manner, and controlling the second edge node to install the first application based on the second installation package.

3. The method of claim 1, wherein after the first application is installed based on the authentication certificate and the first installation package, the method further comprises:

sending, through the first application based on an identity transport protocol, first access information to the management platform, wherein the first access information is used for the management platform to verify whether the first edge node is accessed normally.

4. A method for information processing, applicable to a management platform and comprising:

receiving registration request information sent by a first edge node, and generating an authentication certificate and a first installation package corresponding to the registration request information, wherein the registration request information is generated based on attribute information of the first edge node and a number of nodes in a node group comprising the first edge node, and the node group comprises the first edge node and a second edge node with the same attribute information;

sending the authentication certificate and the first installation package to the first edge node, to enable the first edge node to install a first application based on the authentication certificate and the first installation package and enable a remote control module of the first application in the first edge node to control the second edge node to install the first application;

receiving first access information sent by the first edge node and second access information sent by ~~a~~ the second edge node~~, wherein the first edge node and the second edge node belong to the same node group, and attribute information of the first edge node and the second edge node is the same~~; and

updating status information of edge nodes in the node group in response to determining that the edge nodes in the node group are accessed normally based on the first access information and the second access information.

5. The method of claim 4, wherein receiving the first access information sent by the first edge node and the second access information sent by the second edge node comprises:

receiving, based on an identity transport protocol, the first access information sent by the first edge node through a first application on the first edge node; and

receiving, based on the identity transport protocol, the second access information sent by the second edge node through a first application on the second edge node;

wherein the first application on the first edge node has a first function and a second function, and the first application on the second edge node has the second function.

6. The method of claim 4, wherein determining that the edge nodes in the node group are accessed normally based on the first access information and the second access information comprises:

acquiring node group information from the first access information and the second access information; and

determining, based on the node group information, that the edge nodes in the node group are accessed normally.

7. The method of claim 4, wherein after the status information of the nodes is updated, the method further comprises:

opening a node message queue; and

receiving, based on the node message queue, first keep-alive information sent by the first edge node and second keep-alive information sent by the second edge node according to a first preset period.

8. A method for information processing, applicable to a second edge node and comprising:

sending access information to a first edge node, wherein the first edge node and the second edge node belong to a same node group, and attribute information of the first edge node and the second edge node is the same;

receiving, based on the access information, a second installation package sent by the first edge node, ~~and installing a first application based on the second installation~~

~~package~~wherein the second installation package is generated by the first edge node through parsing a first installation package in the first edge node, the first installation package is an installation package received from a management platform and corresponding to registration request information sent by the first edge node to the management platform, and the registration request information is generated by the first edge node based on attribute information of the first edge node and a number of nodes in the node group comprising the first edge node;

responsive to controlling the second edge node by a remote control module of a first application in the first edge node, installing the first application based on the second installation package, wherein the remote control module is obtained after the first edge node installs the first application based on the first installation package; and

sending, through the first application based on an identity transport protocol, second access information to ~~a~~ the management platform, wherein the second access information is used for the management platform to verify whether the second edge node is accessed normally.

~~9. A device for information processing, comprising:~~

~~a first generation module, configured to acquire attribute information of a first edge node and a number of nodes in a node group comprising the first edge node, and generate registration request information based on the attribute information and the number of nodes, wherein the node group comprises the first edge node and a second edge node with the same attribute information;~~

~~a first sending module, configured to send the registration request information to a management platform;~~

~~a first receiving module, configured to receive an authentication certificate and a first installation package corresponding to the registration request information sent by the management platform, and install a first application based on the authentication certificate and the first installation package; and~~

~~a control module, configured to control, through a remote control module in the first~~

application, the second edge node to install the first application.

10. A device for information processing, comprising:

a second generation module, configured to receive registration request information sent by a first edge node, and generate an authentication certificate and a first installation package corresponding to the registration request information;

a second sending module, configured to send the authentication certificate and the first installation package to the first edge node;

a second receiving module, configured to receive first access information sent by the first edge node and second access information sent by a second edge node, wherein the first edge node and the second edge node belong to the same node group, and attribute information of the first edge node and the second edge node is the same; and

an updating module, configured to update status information of nodes in response to determining that edge nodes in the node group are accessed normally based on the first access information and the second access information.

11. A device for information processing, comprising:

a third sending module, configured to send access information to a first edge node; and

a third receiving module, configured to receive, based on the access information, a second installation package sent by the first edge node, and install a first application based on the second installation package;

wherein the third sending module is configured to send, through the first application based on an identity transport protocol, second access information to a management platform, the second access information being used for the management platform to verify whether a second edge node is accessed normally.

~~12~~9. A first edge node, comprising: a first processor, a first memory and a first communication bus; wherein the first communication bus is configured to implement communication connection between the first processor and the first memory; and

the first processor is configured to execute a program in the first memory to implement the method for information processing of any one of claims 1 to 3.

~~13~~10. A management platform, comprising: a second processor, a second memory and a second communication bus; wherein the second communication bus is configured to implement communication connection between the second processor and the second memory; and

the second processor is configured to execute a program in the second memory to implement the method for information processing of any one of claims 4 to 7.

~~14~~11. A second edge node, comprising: a third processor, a third memory and a third communication bus; wherein the third communication bus is configured to implement communication connection between the third processor and the third memory; and

the third processor is configured to execute a program in the third memory to implement the method for information processing of claim 8.

~~15~~12. A computer-readable storage medium, having stored one or more programs thereon that, when executed by one or more processors, implement the method for information processing of any one of claims 1 to 3, the method for information processing of any one of claims 4 to 7 and the method for information processing of claim 8.

~~16~~13. A system for information processing, comprising: the first edge node of claim ~~12~~9, the

management platform of claim ~~13~~10, and the second edge node of claim ~~14~~11.

~~17. A computer program, comprising computer-readable codes, wherein when the computer readable codes run in a first edge node or a management platform or a second edge node, a processor of the first edge node is configured to execute to implement the method for information processing of any one of claims 1 to 3, or a processor of the management platform is configured to execute to implement the method for information processing of any one of claims 4 to 7, or a processor of the second edge node is configured to execute to implement the method for information processing of claim 8.~~