

CLAIMS

What is claimed is:

1. A method for binding a network card in a multi-network card server, wherein the multi-network card server has a plurality of network cards corresponding to different operators, the method comprising:

acquiring a target address of a target server, wherein a connection between the target server and the multi-network card server is to be established;

querying an IP address library according to the target address to determine an operator to which the target address belongs, wherein the IP address library records a correspondence between IP addresses and operators;

selecting a network card, according to the determined operator to which the target address belongs, corresponding to the determined operator from a plurality of network cards in the multi-network card server; and

binding the selected network card to establish the connection between the multi-network card server and the target server.

2. The method of claim 1, wherein the target address is a domain name, the step of querying an IP address library according to the target address to determine an operator to which the target address belongs comprising:

resolving the domain name to obtain an IP address corresponding to the domain name; and

querying the IP address library according to the obtained IP address to determine the operator to which the target address belongs.

3. The method of claim 1, wherein the target address is an IP address, the step of querying an IP address library according to the target address to determine an operator

to which the target address belongs comprising:

querying the IP address library according to the IP address to determine the operator to which the target address belongs.

4. A method according to any one of claims 1 to 3, further comprising, after the step of binding the selected network card to establish the connection between the multi-network card server and the target server, steps of:

judging whether a jump of address occurs when the multi-network card server interacts with the target server; and

when judging that the jump of address occurs, taking a received jump address as the target address to return to execute the step of querying an IP address library according to the target address to determine an operator to which the target address belongs, the step of selecting a network card, according to the determined operator to which the target address belongs, corresponding to the determined operator from a plurality of network cards in the multi-network card server, and the step of binding the selected network card to establish the connection between the multi-network card server and the target server.

5. A method for binding a network card in a multi-network card server, wherein the multi-network card server has a plurality of network cards corresponding to different operators, the method comprising:

acquiring a target address of a target server, wherein a connection between the target server and the multi-network card server is to be established;

querying an IP address library according to an IP address of the target address to determine the IP address of the network card in the multi-network card server corresponding to the IP address of the target address, wherein the IP address library records a correspondence between IP addresses and the IP addresses of the network cards in the multi-network card server;

binding a network card indicated by the determined IP address of the network card to

establish the connection between the target server and the multi-network card server.

6. The method of claim 5, further comprising, after the step of binding a network card indicated by the determined IP address of the network card to establish the connection between the target server and the multi-network card server, steps of:

judging whether a jump of address occurs when the multi-network card server interacts with the target server; and

when judging that the jump of address occurs, taking a received jump address as the target address to return to execute the step of querying an IP address library according to an IP address of the target address to determine the IP address of the network card in the multi-network card server corresponding to the IP address of the target address, and the step of binding a network card indicated by the determined IP address of the network card to establish the connection between the target server and the multi-network card server.

7. The method of claim 5, further comprising, before the step of querying an IP address library according to an IP address of the target address to determine the IP address of the network card in the multi-network card server corresponding to the IP address of the target address, a step of establishing the IP address library, wherein the step of establishing the IP address library comprises:

acquiring a correspondence between the IP address and the IP address of the network card in the multi-network card server, according to the correspondence between the IP address and the operator, and the correspondence between the IP address of the network card in the multi-network card server and the operator; and

recording the acquired correspondence between the IP address and the IP address of the network card in the multi-network card server into the IP address library.

8. An apparatus for binding a network card in a multi-network card server, wherein the multi-network card server has a plurality of network cards corresponding to different operators, the apparatus comprising:

an acquiring module, configured for acquiring a target address of a target server, wherein a connection between the target server and the multi-network card server is to be established;

a querying module, configured for querying an IP address library according to the target address to determine an operator to which the target address belongs, wherein the IP address library records a correspondence between IP addresses and operators;

a selecting module, configured for selecting a network card, according to the operator to which the target address belongs determined by the querying module, corresponding to the determined operator from a plurality of network cards in the multi-network card server; and

a binding module, configured for binding the selected network card to establish the connection between the multi-network card server and the target server.

9. An apparatus for binding a network card in a multi-network card server, wherein the multi-network card server has a plurality of network cards corresponding to different operators, the apparatus comprising:

an acquiring module, configured for acquiring a target address of a target server, wherein a connection between the target server and the multi-network card server is to be established;

a querying module, configured for querying an IP address library, according to an IP address of the target address to determine the IP address of the network card in the multi-network card server corresponding to the IP address of the target address, wherein the IP address library records a correspondence between IP addresses and the IP addresses of the network cards in the multi-network card server;

a binding module, configured for binding a network card indicated by the determined IP address of the network card to establish the connection between the target server and the multi-network card server.

10. An electronic device, comprising:

the apparatus for binding the network card of claim 8 or 9; or,

a processor and a memory, the memory being configured for storing executable instructions configured to control the processor to perform the method for binding the network card of any one of claims 1 to 7.

11. A computer-readable storage medium, having stored thereon computer programs that, upon executed by a processor, cause implementation of the method for binding the network card of any one of claims 1 to 7.