

WHAT IS CLAIMED IS:

1. A method for accessing a network hotspot device by an unconfigured device, wherein the network hotspot device is configured to create a first hotspot and a second hotspot in one or more network hotspot devices, comprising:

reporting, by the unconfigured device, device information of the unconfigured device to the one or more network hotspot devices through the first hotspot of the one or more network hotspot devices for sending the device information to a server, wherein one or more user terminals corresponding to the one or more network hotspot devices are configured to send a configuration request for the unconfigured device to the server, the server is configured to determine that one of the one or more user terminals of which the configuration request is first received by the server is a target user terminal and to send a configuration response message to the target user terminal, the target user terminal is configured to enable the unconfigured device to access the second hotspot of the one or more network hotspot devices corresponding to the target user terminal after receiving the configuration response message; and

accessing, by the unconfigured device, the second hotspot of the one or more network hotspot devices.

2. The method of claim 1, wherein the reporting, by the unconfigured device, the device information of the unconfigured device to the one or more network hotspot devices through the first hotspot of the one or more network hotspot devices for sending the device information to the server comprises:

accessing the first hotspot of each network hotspot device one by one using first hotspot access information of the first hotspot of each network hotspot device; and

sending the device information of the unconfigured device to each network hotspot device through the first hotspot of each network hotspot device.

3. The method of claim 1, wherein accessing, by the unconfigured device, the second hotspot of the target network hotspot device, comprises:

after receiving a first network configuration startup message sent by the target user terminal, accessing a third hotspot of the target network hotspot device;

receiving second hotspot access information of a second hotspot sent by the third hotspot of the target network hotspot device; and

accessing the second hotspot of the target network hotspot device using the second hotspot access information.

4. The method of claim 3, wherein after receiving the first network configuration start message sent by the target user terminal, accessing the third hotspot of the target network hotspot device comprises:

accessing the third hotspot of the target network hotspot device using third hotspot access information of the third hotspot of the target network hotspot device.

5. The method of claim 3, wherein

the server is configured to send a second network configuration startup message to the target network hotspot device after receiving the configuration request, and the target network hotspot device generates a third hotspot within a period of time after receiving the second network configuration startup message.

6. The method of claim 1, wherein

the one or more user terminals are configured to send an unconfigured device query message to the corresponding network hotspot device,

the one or more network hotspot devices are configured to generate an unconfigured device notification message for the unconfigured device for accessing the first hotspot of the one or more network hotspot devices based on an unconfigured device query message, and

the one or more user terminals are configured to receive the unconfigured device notification message and to generate the configuration request for the unconfigured device based on the unconfigured device notification message for sending the configuration request to the server.

7. The method of claim 1, wherein

the server is configured to send a network configuration failure message to the remaining user terminals other than the target user terminal among the one or more user terminals.

8. The method of claim 1, wherein

the server is configured to obtain an internet protocol (IP) address information of the one or more network hotspot devices and to determine a region where the unconfigured device is located.

9. The method of claim 1, wherein the second hotspot is capable of accessing Internet.

10. An apparatus for accessing a network hotspot device, comprising:

a memory storing a set of instructions; and one or more processors configured to execute the set of instructions to cause the apparatus to perform:

reporting device information of an unconfigured device to one or more network hotspot devices through a first hotspot of the one or more network hotspot devices for sending the device information to a server, wherein one or more user terminals corresponding to the one or

more network hotspot devices are configured to send a configuration request for the unconfigured device to the server, the server is configured to determine that one of the one or more user terminals of which the configuration request is first received by the server is a target user terminal and to send a configuration response message to the target user terminal, the target user terminal is configured to enable the unconfigured device to access a second hotspot of the one or more network hotspot devices corresponding to the target user terminal after receiving the configuration response message; and

accessing the second hotspot of the one or more network hotspot devices.

11. The apparatus of claim 10, wherein the reporting the device information of the unconfigured device to the one or more network hotspot devices through the first hotspot of the one or more network hotspot devices for sending the device information to the server comprises:

accessing the first hotspot of each network hotspot device one by one using first hotspot access information of the first hotspot of each network hotspot device; and

sending the device information of the unconfigured device to each network hotspot device through the first hotspot of each network hotspot device.

12. The apparatus of claim 10, wherein accessing the second hotspot of the target network hotspot device, comprises:

after receiving a first network configuration startup message sent by the target user terminal, accessing a third hotspot of the target network hotspot device;

receiving second hotspot access information of a second hotspot sent by the third hotspot of the target network hotspot device; and

accessing the second hotspot of the target network hotspot device using the second hotspot access information.

13. The apparatus of claim 12, wherein after receiving a first network configuration start message sent by the target user terminal, accessing a third hotspot of the target network hotspot device comprises:

accessing the third hotspot of the target network hotspot device using third hotspot access information of the third hotspot of the target network hotspot device.

14. A non-transitory computer readable medium that stores a set of instructions that is executable by at least one processor of a computer to cause the computer to perform a method for accessing a network hotspot device, the method comprising:

reporting device information of an unconfigured device to one or more network hotspot devices through a first hotspot of the one or more network hotspot devices for sending the device information to a server, wherein one or more user terminals corresponding to the one or more network hotspot devices are configured to send a configuration request for the unconfigured device to the server, the server is configured to determine that one of the one or more user terminals of which the configuration request is first received by the server is a target user terminal and to send a configuration response message to the target user terminal, the target user terminal is configured to enable the unconfigured device to access a second hotspot of the one or more network hotspot devices corresponding to the target user terminal after receiving the configuration response message; and

accessing the second hotspot of the one or more network hotspot devices.

15. The non-transitory computer readable medium of claim 14, wherein the reporting the device information of the unconfigured device to the one or more network hotspot devices through the first hotspot of the one or more network hotspot devices for sending the device information to the server comprises:

accessing the first hotspot of each network hotspot device one by one using first hotspot access information of the first hotspot of each network hotspot device; and

sending the device information of the unconfigured device to each network hotspot device through the first hotspot of each network hotspot device.

16. The non-transitory computer readable medium of claim 14, wherein accessing the second hotspot of the target network hotspot device, comprises:

after receiving a first network configuration startup message sent by the target user terminal, accessing a third hotspot of the target network hotspot device;

receiving second hotspot access information of a second hotspot sent by the third hotspot of the target network hotspot device; and

accessing the second hotspot of the target network hotspot device using the second hotspot access information.

17. The non-transitory computer readable medium of claim 16, wherein after receiving the first network configuration start message sent by the target user terminal, accessing the third hotspot of the target network hotspot device comprises:

accessing the third hotspot of the target network hotspot device using third hotspot access information of the third hotspot of the target network hotspot device.