CLAIMS

1. An information processing apparatus comprising:

a first network interface;

a second network interface, wherein the first and second network interfaces are assigned with mutually different IP addresses;

a short-range wireless communication interface configured to transmit short-range wireless-communication information including address information for connecting to the information processing apparatus;

a setting unit configured to set, in a case where the information processing apparatus uses the first network interface and the second network interface for network communication, and uses only the first network interface out of the first and second network interfaces for communicating with a communication device belonging to a first subnet different from a second subnet to which the information processing apparatus belongs, through a gateway that is provided between the information processing apparatus and the communication device, into the short-range wireless-communication information, address information regarding only the first network interface,

wherein the address information regarding the first network interface includes the IP address assigned to the first network interface.

2. The information processing apparatus according to claim 1, further comprising a selecting unit configured to select a network interface out of the network interfaces of the information processing apparatus corresponding to address information to be set in the short-range wireless-communication information, based on an operation by a user,

wherein, in a case where the information processing apparatus uses the first network interface and the second network interface for network

communication, and both the first network interface and the second network interface can be used for communicating to a communication device through a gateway provided on a network to which the network interface belongs, the setting unit sets the address information regarding only the network interface selected by the selecting unit, into the short-range wireless-communication information, wherein the address information regarding the selected network interface includes the IP address of the selected network interface.

3. The information processing apparatus according to claim 1, further comprising a selecting unit configured to select a network interface out of the network interfaces of the information processing apparatus corresponding to address information to be set in the short-range wireless-communication information, based on an operation by a user,

wherein, in a case where only the first network interface is used for communicating with the communication device belonging to the first subnet, the setting unit sets the address information regarding only the first network interface into the short-range wireless-communication information, regardless of the selection of the user by the selecting unit.

4. The information processing apparatus according to claim 3, further comprising a notifying unit configured to notify the user that the address information regarding the first network interface which is different from the network interface selected by the selecting unit has been set into the short-range wireless-communication information, in a case where the second network interface is selected based on the operation by the user.

5. The information processing apparatus according to claim 3, further comprising a control unit configured to control, to restrict the second network interface from being selected by the selection unit, in a case where only the first network interface is used for communicating with the communication device

belonging to the first subnet.

6. The information processing apparatus according to claim 1, wherein the short-range wireless communication interface is either Near Field Communication (NFC) interface or Bluetooth Low Energy (BLE) communication interface.

7. The information processing apparatus according to claim 1, wherein the information processing apparatus is an image forming apparatus that performs image forming processing.

8. A control method for an information processing apparatus having a first network interface and a second network interface, wherein the first and second network interfaces are assigned with mutually different IP addresses, the control method comprising the steps of:

setting, in a case where the information processing apparatus uses the first network interface and the second network interface for network communication, and uses only the first network interface out of the first and second network interfaces for communicating with a communication device belonging to a first subnet different from a second subnet to which the information processing apparatus belongs, through a gateway that is provided between the information processing apparatus and the communication device, into a short-range wireless-communication information, address information regarding only the first network interface,

transmitting the short-range wireless-communication information to an external device via a short-range wireless communication,

wherein the address information regarding the first network interface includes the IP address assigned to the first network interface.

9. The control method according to claim 8, further comprising selecting a network interface out of the network interfaces of the information processing

apparatus corresponding to address information to be set in the short-range wireless-communication information, based on an operation by a user,

wherein, in a case where the information processing apparatus uses the first network interface and the second network interface for network communication, and both the first network interface and the second network interface can be used for communicating to a communication device through a gateway provided on a network to which the network interface belongs, the setting step is performed on the address information regarding only the network interface selected in the selecting step, into the short-range wireless-communication information, wherein the address information regarding the selected network interface includes the IP address of the selected network interface.

10. The control method according to claim 8, further comprising selecting a network interface out of the network interfaces of the information processing apparatus corresponding to address information to be set in the short-range wireless-communication information, based on an operation by a user,

wherein, in a case where only the first network interface is used for communicating with the communication device belonging to the first subnet, the setting step is performed on the address information regarding only the first network interface into the short-range wireless-communication information, regardless of the selection made by the user in the selecting step.

11. The control method according to claim 10, further comprising notifying the user that the address information regarding the first network interface which is different from the network interface selected in the selecting step has been set into the short-range wireless-communication information, in a case where the second network interface is selected based on the operation of the user.

12. The control method according to claim10, further comprising controlling, to restrict the second network interface from being selected in the selecting step, in a case where only the first network interface is used for communicating with the communication device belonging to the first subnet.

13. The control method according to claim 8, wherein the short-range wireless communication interface is either Near Field Communication (NFC) interface or Bluetooth Low Energy (BLE) communication interface.

14. The control method according to claim 8, wherein the information processing apparatus is an image forming apparatus that performs image forming processing.

15. A computer-readable storage medium storing a program for causing a computer to execute a control method for an information processing apparatus having a first network interface and a second network interface, wherein the first and second network interfaces are assigned with mutually different IP addresses, the control method comprising:

setting, in a case where the information processing apparatus uses the first network interface and the second network interface for network communication, and uses only the first network interface out of the first and second network interfaces for communicating with a communication device belonging to a first subnet different from a second subnet to which the information processing apparatus belongs, through a gateway that is provided between the information processing apparatus and the communication device, into a short-range wireless-communication information, address information regarding only the first network interface,

transmitting the short-range wireless-communication information to an external device via a short-range wireless communication,

wherein the address information regarding the first network interface

includes the IP address assigned to the first network interface.