CLAIMS

1. A method for transmitting data, comprising:

determining whether a length of cached data of a User Equipment (UE) is no less than a first preset threshold;

in response to determining that the length of the cached data of the UE is no less than the first preset threshold, dividing, by the UE in a preset mode, the cached data into two groups of data; and

uploading, by the UE, the two groups of data to a base station respectively through a mobile network and a Wireless Local Area Network (WLAN),

wherein the method further comprises:

receiving, by the UE, unicast signaling sent by the base station;

acquiring, by the UE, a second preset threshold by analyzing the unicast signaling, the second preset threshold being less than the first preset threshold; and

updating, by the UE, the first preset threshold with the second preset threshold.

2. The method according to claim 1, further comprising:

in response to determining that the length of the cached data is less than the first preset threshold, determining, by the UE, a signal strength of the mobile network and a signal strength of the WLAN, and comparing the determined signal strength of the mobile network and the determined signal strength of the WLAN;

in response to determining that the signal strength of the mobile network is no less than the signal strength of the WLAN, transmitting, by the UE, the cached data through the mobile network; and

in response to determining that the signal strength of the mobile network is less than the signal strength of the WLAN, transmitting, by the UE, the cached data through the WLAN.

3. The method according to claim 1, further comprising:

receiving, by the UE, broadcast signaling sent by the base station; and

acquiring, by the UE, the first preset threshold by analyzing the broadcast signaling.

4. The method according to claim 1, wherein the second preset threshold corresponds to a preset user level of the UE.

5. The method according to claim 1, wherein the cached data is stored in a Packet Data Convergence Protocol (PDCP) cache.

6. A method for transmitting data, comprising:

determining, by a base station, a state of a network load of intra-cell User Equipment (UE);

determining, by the base station according to the state of the network load, a first preset threshold to be adopted by the intra-cell UE;

receiving, by the base station, two groups of data uploaded by a UE respectively through a mobile network and a Wireless Local Area Network (WLAN), wherein the UE has divided cached data of the UE into the two groups of data in response to determining that a length of the cached data is no less than the first preset threshold; and

reconstructing, by the base station using the two groups of data, a data packet in a data format same as that adopted at the UE side,

wherein the method further comprises:

determining, by the base station among the intra-cell UE, a UE with a preset user level;

determining, by the base station, a second preset threshold corresponding to the preset user level; and

sending, by the base station, the second preset threshold to the UE with the preset user level.

7. The method according to claim 6, wherein the sending, by the base station, the second preset threshold to the UE with the preset user level comprises:

comprising, by the base station, the second preset threshold in unicast signaling; and

sending, by the base station, the unicast signaling to the UE with the preset user level,

the unicast signaling comprising the second preset threshold.

8. The method according to claim 6, further comprising:

comprising, by the base station, the first preset threshold in broadcast signaling; and

sending, by the base station, the broadcast signaling to the intra-cell UE.

9. A device for transmitting data, comprising:

a data dividing module configured for: determining whether a length of cached data of a User Equipment (UE) is no less than a first preset threshold; in response to determining that the length of the cached data of the UE is no less than the first preset threshold, dividing, in a preset mode, the cached data into two groups of data; and

a first data transmitting module configured for: uploading the two groups of data to a base station respectively through a mobile network and a Wireless Local Area Network (WLAN),

wherein the device further comprises:

a unicast signaling receiving module configured for: receiving unicast signaling sent by the base station;

a second threshold acquiring module configured for: acquiring a second preset threshold by analyzing the unicast signaling, the second preset threshold being less than the first preset threshold; and

a threshold updating module configured for: updating the first preset threshold with the second preset threshold.

10. The device according to claim 9, further comprising:

a signal strength determining and comparing module configured for: in response to determining that the length of the cached data is less than the first preset threshold, determining a signal strength of the mobile network and a signal strength of the WLAN, and comparing the determined signal strength of the mobile network and the determined signal strength of the WLAN;

a second data transmitting module configured for: in response to determining that the signal strength of the mobile network is no less than the signal strength of the WLAN, transmitting the cached data through the mobile network; and

a third data transmitting module configured for: in response to determining that the signal strength of the mobile network is less than the signal strength of the WLAN, transmitting the cached data through the WLAN.

11. The device according to claim 9, further comprising:

a broadcast signaling receiving module configured for: receiving broadcast signaling sent by the base station; and

a first threshold acquiring module configured for: acquiring the first preset threshold by analyzing the broadcast signaling.

12. The device according to claim 9, wherein the cached data is stored in a Packet Data Convergence Protocol (PDCP) cache.

13. A device for transmitting data, comprising:

a state determining module configured for: determining a state of a network load of intra-cell User Equipment (UE);

a first threshold determining module configured for: determining, according to the state of the network load, a first preset threshold to be adopted by the intra-cell UE;

a data receiving module configured for: receiving two groups of data uploaded by a UE respectively through a mobile network and a Wireless Local Area Network (WLAN), wherein the UE has divided cached data of the UE into the two groups of data in response to determining that a length of the cached data is no less than the first preset threshold; and

a data reconstructing module configured for: reconstructing, using the two groups of data, a data packet in a data format same as that adopted at the UE side,

wherein the device further comprises:

a level determining module configured for: determining, among the intra-cell UE, a UE with a preset user level;

a second threshold determining module configured for: determining a second preset threshold corresponding to the preset user level; and

a second threshold sending module configured for: sending the second preset threshold to the UE with the preset user level.

14. The device according to claim 13, wherein the second threshold sending module comprises:

a second threshold setting sub-module configured for: comprising the second preset threshold in unicast signaling; and

a unicasting sub-module configured for: sending the unicast signaling to the UE with the preset user level, the unicast signaling comprising the second preset threshold.

15. The device according to claim 13, further comprising:

a first threshold setting module configured for: comprising the first preset threshold in broadcast signaling; and

a broadcasting module configured for: sending the broadcast signaling to the intra-cell UE.

16. A User Equipment (UE), comprising:

a processor; and

memory configured for storing an instruction executable by the processor,

wherein the processor is configured for:

determining whether a length of cached data of a User Equipment (UE) is no less than a first preset threshold;

in response to determining that the length of the cached data is no less than the first preset threshold, dividing, in a preset mode, the cached data into two groups of data; and

uploading the two groups of data to a base station respectively through a mobile network

and a Wireless Local Area Network (WLAN),

wherein the processor is further configured for:

receiving unicast signaling sent by the base station;

acquiring a second preset threshold by analyzing the unicast signaling, the second preset threshold being less than the first preset threshold; and

updating the first preset threshold with the second preset threshold.

17. A base station, comprising:

a processor; and

memory configured for storing an instruction executable by the processor,

wherein the processor is configured for:

determining a state of a network load of intra-cell User Equipment (UE);

determining, according to the state of the network load, a first preset threshold to be adopted by the intra-cell UE;

receiving two groups of data uploaded by a UE respectively through a mobile network and a Wireless Local Area Network (WLAN), wherein the UE has divided cached data of the UE into the two groups of data in response to determining that a length of the cached data is no less than the first preset threshold; and

reconstructing, using the two groups of data, a data packet in a data format same as that adopted at the UE side,

wherein the processor is further configured for:

determining, among the intra-cell UE, a UE with a preset user level;

determining a second preset threshold corresponding to the preset user level; and

sending the second preset threshold to the UE with the preset user level.