Claims:

1. A wireless communication method, comprising:

determining, by a terminal device, a Policy Section Identifier (PSI) list, wherein UE policy is divided into different policy sections, and a PSI in the PSI list is used to identify a policy section; and

sending, by the terminal device, the PSI list to a first network device;

wherein the PSI comprises a Public Land Mobile Network (PLMN) identifier and a first identifier, and the PLMN identifier and the first identifier are used to identify the policy section.

2. The method of claim 1, wherein the PSI list is determined based on PSI information stored in the terminal device.

3. The method of claim 1, wherein the method further comprises:

receiving, by the terminal device, policy information of the terminal device sent by the first network device, wherein the policy information of the terminal device sent by the first network device is determined by the first network device according to the PSI list received from the terminal device.

4. The method of claim 3, wherein the policy information of the terminal device sent by the first network device is the policy information of the terminal device determined by the first network device according to a Permanent Equipment Identifier (PEI) of the terminal device.

5. The method of claim 4, wherein the method further comprises:

sending, by the terminal device, the PEI of the terminal device to the first network device.

6. The method of claim 3, wherein receiving, by the terminal device, the policy information of the terminal device sent by the first network device comprises:

receiving, by the terminal device, all policy information of the terminal device sent by the first network device; and

the method further comprises:

selecting, by the terminal device, part of the policy information to use from the all policy information according to a capability of the terminal device.

7. The method of claim 6, wherein selecting, by the terminal device, the part of the policy information to use from the all policy information according to the capability of the terminal device comprises:

performing, by the terminal device, a first behavior or a second behavior on the policy information according to the capability of the terminal device;

wherein the first behavior refers to that after the terminal device selects a first rule of a first priority, in a condition that the terminal device does not support a first parameter in the first rule, the terminal device does not select the first rule but selects a second rule of a second priority; and

the second behavior refers to that after the terminal device selects the first rule of the first priority, in a condition that the terminal device does not support the first parameter in the first rule, the terminal device does not select the first parameter, and parameters other than the first parameter in the first rule remain valid.

8. The method of claim 1, wherein sending, by the terminal device, the PSI list to a first network device comprises:

sending the PSI list to a first network device at initial registration.

9. A terminal device, comprising a processor and a transceiver, wherein

the processor is configured to determine a Policy Section Identifier (PSI) list wherein UE policy is divided into different policy sections, and a PSI in the PSI list is used to identify a policy section; and

the transceiver is configured to send the PSI list to a first network device,

wherein the PSI comprises a Public Land Mobile Network (PLMN) identifier and a first identifier, and the PLMN identifier and the first identifier are used to identify the policy section.

10. The terminal device of claim 9, wherein the PSI list is determined based on PSI information stored in the terminal device.

11. The terminal device of claim 9, wherein the transceiver is further configured to:

receive policy information of the terminal device sent by the first network device,

wherein the policy information of the terminal device sent by the first network device is determined by the first network device according to the PSI list received from the terminal device.

12. The terminal device of claim 11, wherein the policy information of the terminal device is the policy information of the terminal device determined by the first network device according to a Permanent Equipment Identifier (PEI) of the terminal device.

13. The terminal device of claim 12, wherein the transceiver is further configured to:

send the PEI of the terminal device to the first network device.

14. The terminal device of claim 11, wherein the transceiver is further configured to:

receive all policy information sent by the first network device; and

wherein the processor is further configured to select part of the policy information to use from the all policy information according to a capability of the terminal device.

15. The terminal device of claim 14, wherein the determining unit is further configured to:

perform a first behavior or a second behavior on the policy information according to the capability of the terminal device;

wherein the first behavior refers to that after the terminal device selects a first rule of a first priority, in a condition that the terminal device does not support a first parameter in the first rule, the terminal device does not select the first rule but selects a second rule of a second priority; and

the second behavior refers to that after the terminal device selects the first rule of the first priority, in a condition that the terminal device does not support the first parameter in the first rule, the terminal device does not select the first parameter, and parameters other than the first parameter in the first rule remain valid.

16. The terminal device of claim 9, wherein the transceiver is further configured to send the PSI list to a first network device at initial registration.

17. A chip comprising:

a processor, configured to call and run a computer program from a memory, wherein the

computer program comprises instructions for executing a method comprising:

determining, by a terminal device, a Policy Section Identifier (PSI) list, wherein UE policy is divided into different policy sections, and a PSI in the PSI list is used to identify a policy section; and

sending, by the terminal device, the PSI list to a first network device;

wherein the PSI comprises a Public Land Mobile Network (PLMN) identifier and a first identifier, and the PLMN identifier and the first identifier are used to identify the policy section.

18. A non-transitory storage medium, wherein the non-transitory storage medium is configured to store a computer program, the computer program comprises instructions for executing a method comprising:

determining, by a terminal device, a Policy Section Identifier (PSI) list, wherein UE policy is divided into different policy sections, and a PSI in the PSI list is used to identify a policy section; and

sending, by the terminal device, the PSI list to a first network device;

wherein the PSI comprises a Public Land Mobile Network (PLMN) identifier and a first identifier, and the PLMN identifier and the first identifier are used to identify the policy section.