WHAT IS CLAIMED IS:

1. A method for transmitting terminal information, wherein the method is applied in a network device which comprises a first network element, and the method comprises:

receiving, by the first network element, first information from a terminal;

wherein the first information is used to indicate a terminal policy stored in the terminal;

after the first network element receives the first information from the terminal, the method further comprises:

inquiring, by the first network element, the terminal policy based on the first information;

wherein the first information comprises a PSI list, and each PSI parameter in the PSI list comprises a PLMN ID;

wherein each PSI parameter further comprises a unique ID;

wherein the unique ID is a unique code generated by the first network element.

~~2. The method of claim 1, wherein the first information is used to indicate a terminal policy stored in the terminal; after the first network element receives the first information from the terminal, the method further comprises:~~

~~inquiring, by the first network element, the terminal policy based on the first information.~~

~~3. The method of claim 2, wherein the first information comprises one or more sets of public land mobile network (PLMN) IDs and corresponding PSI lists.~~

~~4. The method of claim 3, wherein each PSI parameter in the PSI lists equals to a unique ID.~~

2. The method of claim 1, wherein the PSI parameter in the PSI list is globally unique, or the PSI parameter in the PSI list is unique within a PLMN.

3. The method of claim 1, wherein the PSI parameter comprises any one of a Subscriber Concealed Identifier (SUCI), Mobile Subscriber International ISDN/PSTN number

(MSISDN), a Domain Name, and a serial number and/or a character string generated by the first network element, and serial number and/or the character string is in one-to-one correspondence to a content of the PSI parameter.

~~5~~4. The method of claim ~~4~~1, wherein the first network element is~~the unique ID is corresponding to a content of a terminal policy; and~~

~~wherein the unique ID is generated by~~ a policy control function (PCF) network element.

~~6. The method of claim 2, wherein the first information comprises a PSI list, and each PSI parameter in the PSI list comprises a PLMN ID.~~

~~7. The method of claim 6, wherein each PSI parameter further comprises a unique ID.~~

~~8~~5. The method of claim 1, wherein the first information is data transmitted to the first network element from the terminal, and a part or all of the data is encrypted by a first secret key and/or is under integrity protection using a second secret key.

~~6~~9. A method for transmitting terminal information, wherein the method is applied in a terminal, and the method comprises:

receiving, by the terminal, second information from a first network element;

wherein the second information is used to indicate a terminal policy stored in the terminal;

wherein after the terminal receives the second information from the first network element, the method further comprises:

inquiring, by the terminal, the terminal policy based on the second information;

wherein the second information comprises a PSI list, and each PSI parameter in the PSI list comprises a PLMN ID;

wherein each PSI parameter further comprises a unique ID;

wherein the unique ID is a unique code generated by the first network element.

7. The method of claim 6, wherein the PSI parameter in the PSI list is globally unique, or the PSI parameter in the PSI list is unique within a PLMN.

8. The method of claim 6, wherein the PSI parameter comprises any one of a Subscriber Concealed Identifier (SUCI), Mobile Subscriber International ISDN/PSTN number (MSISDN), a Domain Name, and a serial number and/or a character string generated by the first network element, and serial number and/or the character string is in one-to-one correspondence to a content of the PSI parameter.

~~10. The method of claim 9, wherein the second information is used to indicate and/or configure a terminal policy stored by the terminal; after the terminal receives the second information from the first network element, the method further comprises:~~

~~inquiring, by the terminal, the terminal policy based on the second information.~~

~~11. The method of claim 10, wherein the second information comprises one or more sets of PLMN IDs and a list of their corresponding PSIs.~~

~~12. The method of claim 11, wherein each PSI parameter in the PSI lists equals to a unique ID.~~

~~13~~9. The method of claim ~~12~~6, wherein ~~the unique ID is corresponding to a content of a terminal policy; and~~

~~wherein the unique ID is generated by~~the first network element is a policy control function (PCF) network element.

10. The method of claim 9, wherein receiving, by the terminal, second information from a first network element comprises:

receiving, by the terminal, the second information sent by the first network element according to mapping relationship information, wherein the mapping relationship information comprises a correspondence between user identifiers and PSI parameters.

11. The method of claim 10, wherein each of the user identifiers corresponds to at least one of the PSI parameters in the mapping relationship information.

~~14. The method of claim 10, wherein the second information comprises a PSI list, and each PSI parameter in the PSI list comprise a PLMN ID.~~

~~15. The method of claim 14, wherein each PSI parameter further comprises a unique ID.~~

~~16~~12. A network device, comprising a processing unit and a communication unit, wherein the processing unit is configured to perform the method according to any one of claims 1 to ~~8~~5.

~~17~~13. A terminal, comprising a processing unit and a communication unit, wherein the processing unit is configured to perform the method according to any one of claims ~~9~~ 6 to ~~15~~11.