

CLAIMS

What is claimed is:

1. A terminal capability identifier operation method, performed by a first communications device and comprising:

5 deleting a terminal capability identifier in a case that a first condition is met;
and/or

retaining a terminal capability identifier in a case that a second condition is met;
wherein

the first condition comprises at least one of the following:

10 all terminal capability identifiers in a source network are not applicable to a target network;

a terminal moves between networks, and all terminal capability identifiers in a source network are not applicable to a target network; or

15 a terminal moves between networks, a terminal capability identifier is received from a second communications device, and all terminal capability identifiers in a source network are not applicable to a target network; and

the second condition comprises at least one of the following:

all terminal capability identifiers in a source network are applicable to a target network;

20 a terminal moves between networks, and all terminal capability identifiers in a source network are applicable to a target network; or

a terminal moves between networks, a terminal capability identifier is received from a second communications device, and all terminal capability identifiers in a source network are applicable to a target network.

25 2. The method according to claim 1, wherein

that all terminal capability identifiers in a source network are not applicable to a target network is indicated by an operator policy; or

that all terminal capability identifiers in a source network are applicable to a target network is indicated by an operator policy.

3. The method according to claim 1, wherein that a terminal moves between networks comprises: the terminal moves from the source network to the target network.

5 4. The method according to claim 3, wherein that the terminal moves from the source network to the target network comprises: the terminal moves from a source PLMN to a target PLMN.

5. The method according to claim 1, wherein

the first communications device is a communications device in the target network;

10 and

the second communications device is a communications device in the source network.

6. The method according to claim 5, wherein the communications device in the target network is a target AMF or a new AMF.

15 7. The method according to claim 1, wherein the terminal capability identifier is User Equipment (UE) Radio Capability identifier (ID).

8. A first communications device, comprising:

an execution module, configured to delete a terminal capability identifier in a case that a first condition is met;

20 and/or

retain the terminal capability identifier in a case that a second condition is met; wherein

the first condition comprises at least one of the following:

all terminal capability identifiers in a source network are not applicable to a target

25 network;

a terminal moves between networks, and all terminal capability identifiers in a source network are not applicable to a target network; or

a terminal moves between networks, a terminal capability identifier is received from a second communications device, and all terminal capability identifiers in a source

30 network are not applicable to a target network; and

the second condition comprises at least one of the following:

all terminal capability identifiers in a source network are applicable to a target network;

5 a terminal moves between networks, and all terminal capability identifiers in a source network are applicable to a target network; or

a terminal moves between networks, a terminal capability identifier is received from a second communications device, and all terminal capability identifiers in a source network are applicable to a target network.

9. The first communications device according to claim 8, wherein

10 that all terminal capability identifiers in a source network are not applicable to a target network is indicated by an operator policy; or

that all terminal capability identifiers in a source network are applicable to a target network is indicated by an operator policy.

10. The first communications device according to claim 8, wherein that a terminal
15 moves between networks comprises: the terminal moves from the source network to the target network.

11. The first communications device according to claim 10, wherein that the terminal moves from the source network to the target network comprises: the terminal moves from a source PLMN to a target PLMN.

20 12. The first communications device according to claim 8, wherein the first communications device is a communications device in the target network; and

the second communications device is a communications device in the source network.

25 13. The first communications device according to claim 12, wherein the communications device in the target network is a target AMF or a new AMF.

14. The first communications device according to claim 8, wherein the terminal capability identifier is User Equipment (UE) Radio Capability identifier (ID).

30 15. A communications device, comprising a processor, a memory, and a computer program stored in the memory and capable of running on the processor, wherein when

the computer program is executed by the processor, the steps of the terminal capability identifier operation method according to any one of claims 1 to 7 are implemented.

16. A computer-readable storage medium, wherein the computer-readable storage medium stores a computer program, and when the computer program is executed by a processor, the steps of the terminal capability identifier operation method according to any one of claims 1 to 7 are implemented.
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