CLAIMS

1. A network handover method, comprising:

receiving, by a mobility management function in a core network of a first network, a first handover request sent by a source base station connected to the core network of the first network, wherein the first handover request is used for requesting a handover of a user equipment (UE) connected to the source base station from the source base station to a target base station, and the target base station is connected to at least one of the core network of the first network or a core network of a second network;

determining, by the mobility management function according to the first handover request, a core network of a target network accessed by the UE through the target base station after the handover, wherein the core network of the target network is the core network of the first network or the core network of the second network; and

initiating, by the mobility management function, the handover of the UE between the source base station and the target base station according to the core network of the target network;

wherein before receiving, by the mobility management function, the first handover request sent by the source base station, the method further comprises: sending, by the mobility management function, a handover preference type of the target network to the source base station, wherein the handover preference type is used for indicating the core network of the first network or the core network of the second network; and

wherein determining, by the mobility management function, the core network of the target network accessed by the UE through the target base station after the handover comprises: in a case where the first handover request does not carry information for indicating the core network of the target network, determining, by the mobility management function, a core network accessed by the UE through the target base station after the handover is a core network indicated by the handover preference type.

2. The method of claim 1, wherein initiating, by the mobility management function, the handover of the UE between the source base station and the target base station according to the core network of the target network comprises:

in response to the UE accessing the core network of the first network through the target base station, initiating, by the mobility management function, an intra-system handover; and in response to the UE accessing the core network of the second network through the target base station, initiating, by the mobility management function, an inter-system handover.

3. The method of claim 1, wherein the first handover request carries information for indicating the core network of the target network.

4. The method of claim 1, wherein determining, by the mobility management function, the core network of the target network accessed by the UE through the target base station after the handover comprises:

in a case where the mobility management function fails to determine, according to the first handover request, the core network of the target network accessed by the UE through the target base station after the handover, sending, by the mobility management function, a second handover request to the source base station;

receiving, by the mobility management function, response information sent in response to the second handover request by the source base station, wherein the response information is used for indicating the core network of the target network; and

determining, by the mobility management function, that a core network accessed by the UE through the target base station after the handover is the core network of the target network indicated by the response information.

5. The method of any one of claims 1 to 4, wherein

in a case where the core network of the first network is a core network of a 5G network, the core network of the second network is a core network of a 4G network;

in a case where the core network of the first network is the core network of the 4G network, the core network of the second network is the core network of the 5G network;

in a case where the first network is a 4G network, the mobility management function is a mobility management entity (MME); and

in a case where the first network is a 5G network, the mobility management function is an access and mobility control function (AMF).

6. A network handover determination method, comprising:

receiving, by a source base station connected to a core network of a first network, a measurement report sent by a user equipment (UE) to determine a target base station to which a handover is to be performed, wherein the target base station is connected to at least one of the core network of the first network or a core network of a second network; and

sending, by the source base station, a first handover request to a mobility management function in the core network of the first network, wherein the first handover request is used for requesting the handover of the UE from a connection to the source base station to a connection to the target base station and indicating information about a core network of a target network accessed by the UE through the target base station after the handover;

wherein before sending, by the source base station, the first handover request to the mobility management function, the method further comprises:

receiving, by the source base station, a handover preference type of the target network sent by the mobility management function, wherein the handover preference type is used for indicating the core network of the first network or the core network of the second network; and

carrying, by the source base station according to the handover preference type, the information about the core network of the target network responding to the handover preference type in the first handover request; and

wherein the method further comprises:

receiving, by the source base station, a second handover request sent by the mobility management function, wherein the second handover request is a request sent in a case where the mobility management function fails to determine, according to the first handover request, the core network of the target network accessed by the UE through the target base station after the handover; and

sending, by the source base station to the mobility management function, response information sent in response to the second handover request, wherein the response information is used for indicating the core network of the target network.

7. The method of claim 6, wherein the first handover request carries information for indicating the core network of the target network.

8. The method of any one of claims 6 or 7, wherein in a case where the core network of the first network is a core network of a 5G network, the core network of the second network is a core network of a 4G network; and in a case where the core network of the first network is the core network of the 4G network, the core network of the second network is the core network of the 5G network;

in a case where the first network is a 4G network, the mobility management function is a mobility management entity (MME); and in a case where the first network is a 5G network, the mobility management function is an access and mobility control function (AMF).

9. A network handover system, comprising a source base station, a mobility management function, a user equipment (UE) and a target base station, wherein the source base station is connected to a core network of a first network, the mobility management function is located in the core network of the first network, the UE is connected to the source base station, and the target base station is connected to at least one of the core network of the first network or a core network of a second network;

wherein the source base station is configured to receive a measurement report sent by the UE to determine a target base station to which a handover is to be performed, receive a handover preference type of a target network sent by the mobility management function, and send the first handover request to the mobility management function; and

the mobility management function is configured to send the handover preference type of the target network to the source base station; receive the first handover request sent by the source base station; determine, according to the first handover request, the core network of the target network accessed by the UE through the target base station after the handover; and initiate the handover of the UE between the source base station and the target base station according to the core network of the target network; wherein the core network of the target network is the core network of the first network or the core network of the second network;

wherein the handover preference type is used for indicating the core network of the first network or the core network of the second network; and

wherein in a case where the first handover request does not carry information for indicating the core network of the target network, the mobility management function is configured to determine a core network accessed by the UE through the target base station after the handover is a core network indicated by the handover preference type.

10. The system of claim 9, wherein in a case where the core network of the first network is a core network of a 5G network, the core network of the second network is a core network of a 4G network; and in a case where the core network of the first network is the core network of the 4G network, the core network of the second network is the core network of the 5G network;

wherein in a case where the first network is a 4G network, the mobility management function is a mobility management entity (MME); and in a case where the first network is a 5G network, the mobility management function is an access and mobility control function (AMF).

11 A non-transitory storage medium storing a computer program, wherein when the computer

program is executed, the method of any one of claims 1 to 5 is performed.

12. A non-transitory storage medium storing a computer program, wherein when the computer program is executed, the method of any one of claims 6 to 8 is performed.

13. An electronic apparatus, comprising a memory and a processor, wherein the memory stores a computer program, and the processor is configured to execute the computer program to perform the method of any one of claims 1 to 5.

14. An electronic apparatus, comprising a memory and a processor, wherein the memory stores a computer program, and the processor is configured to execute the computer program to perform the method of any one of claims 6 to 8.