CLAIMS

1. An information processing method, performed by a first User Equipment (UE), and comprising:

sending a first request message to a second UE, wherein the first request message is configured to request a direct connection transmission between the first UE and the second UE, and the first request message comprises third identification information of a third UE for requesting a ranging result.

2. The method according to claim 1, comprising:

receiving a first response message sent by the second UE, wherein the first response message comprises rejection indication information to indicate suspension of the direct connection transmission.

3. An information processing method, performed by a second User Equipment (UE), and comprising:

receiving a first request message sent by a first UE, wherein the first request message is configured to request a direct connection transmission between the first UE and the second UE, and the first request message comprises third identification information of a third UE for requesting a ranging result.

4. The method according to claim 3, comprising:

sending a second request message to a first network node, wherein the second request message comprises second identification information of the second UE, first identification information of the first UE, the third identification information of the third UE, and a ranging service code for indicating a request ranging service, and the second request message is configured to request permission for the first UE to acquire the ranging result of the third UE.

5. The method according to claim 4, wherein the first network node is a ProSe Key Management Function (PKMF) of the second UE or a Policy Control Function (PCF) of the second UE.

6. The method according to claim 4, further comprising:

receiving a second response message sent by the first network node, wherein the second response message indicates whether the first UE is authorized to

acquire the ranging result of the third UE.

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

sending a second request message to a second network node, wherein the second request message comprises second identification information of the second UE, first identification information of the first UE, the third identification information of the third UE, and a ranging service code for indicating a request ranging service, and the second request message is configured to request permission for the first UE to acquire the ranging result of the third UE.

8. The method according to claim 7, wherein the second network node is a ranging positioning server.

9. The method according to claim 7, further comprising:

receiving a second response message sent by the second network node, wherein the second response message indicates whether the first UE is authorized to acquire the ranging result of the third UE.

10. The method according to claim 6 or 9, further comprising:

determining, based on the second response message, that the first UE is authorized to acquire the ranging result of the third UE, and sending a first response message comprising success indication information to the first UE, wherein the success indication information indicates that the direct connection transmission is successful; or

determining, based on the second response message, that the first UE is not authorized to acquire the ranging result of the third UE, and sending a first response message comprising rejection indication information to the first UE, wherein the rejection indication information indicates suspension of the direct connection transmission.

11. An information processing method, performed by a first network node, and comprising:

receiving a second request message sent by a second User Equipment (UE), wherein the second request message is configured to request permission for a first UE to acquire a ranging result of a third UE,

wherein the second request message is sent by the second UE after receiving

the first request message, and the first request message is configured to request a direct connection transmission between the first UE and the second UE.

12. The method according to claim 11, wherein the first request message comprises first identification information, second identification information, a ranging service code, and third identification information of the third UE for requesting the ranging result.

13. The method according to claim 11, further comprising:

sending the second request message to a third network node; and

receiving a second response message sent by the third network node, wherein the second response message indicates whether the first UE is authorized to acquire the ranging result of the third UE.

14. The method according to claim 11, further comprising:

sending the second request message to a second network node;

receiving second response message sent by the second network node, wherein the second response message is used to indicate whether the first UE is authorized to acquire the ranging result of the third UE.

15. The method according to claim 13 or 14, further comprising:

sending the second response message to the second UE.

16. The method according to claim 13, wherein the second response message is determined by the third network node, or the third response message is acquired by the third network node from a second network node.

17. The method according to claim 13, wherein the third network node is a ProSe Key Management Function (PKMF) of the first UE or a Policy Control Function (PCF) of the first UE.

18. A communication device, comprising:

a processor; and

a memory for storing executable instructions of the processor, wherein

the processor is configured to perform the information processing method according to any one of claims 1 to 2, or claims 3 to 10, or claims 11 to 17.

19. A non-transitory computer storage medium, having a computer executable program stored thereon, wherein, when the computer executable

program is executed by a processor, the processor is caused to perform the information processing method according to any one of claims 1 to 2, or claims 3 to 10, or claims 11 to 17.