WHAT IS CLAIMED IS:

1. A communication method, performed by a terminal, comprising:

receiving at least two groups of configurations sent by a base station; wherein

each of the at least two groups of configurations comprise carrier information or bandwidth part (BWP) information representing a carrier or a BWP configured by a network side for a specific terminal for a communication, a specific slice, or a specific service.

2. The method of claim 1, further comprising:

receiving first information sent by the base station on a first carrier or a first BWP; wherein

the first information is used to instruct the terminal to use the first carrier or the first BWP to perform a random access process, and/or to instruct the terminal to use a second carrier or a second BWP to perform the random access process.

3. The method of claim 2, wherein the first information is used to instruct:

both a first type of terminal and a second type of terminal to use the first carrier or the first BWP to perform the random access process;

both the first type of terminal and the second type of terminal to use the second carrier or the second BWP to perform the random access process; or

the first type of terminal to use the first carrier or the first BWP to perform the random access process, and the second type of terminal to use the second carrier or the second BWP to perform the random access process.

4. The method of claim 3, wherein the first type of terminal represents an ordinary terminal, and the second type of terminal represents a low-capability terminal.

5. The method of any one of claims 2 to 4, wherein the first information is carried in a random-access response (RAR) or a message (MSG) 4 sent by the base station.

6. The method of any one of claims 1 to 5, wherein each of the at least two groups of configurations comprise at least one of:

a frequency of the carrier;

a frequency of the BWP; or

a synchronization signal and physical broadcast channel (PBCH) block (SSB)-based measurement timing configuration (SMTC) period.

7. The method of any one of claims 1 to 6, further comprising:

receiving second information sent by the base station; wherein

the second information is used to instruct the terminal to use a first access priority parameter, and/or to instruct the terminal to use a second access priority parameter.

8. The method of claim 7, further comprising:

receiving at least two groups of access priority parameters sent by the base station; wherein

each of the at least two groups of access priority parameters represent an access priority parameter configured by the network side for the specific terminal, the specific slice, or the specific service.

9. The method of claim 8, wherein an access priority corresponding to the first access priority parameter is higher than an access priority corresponding to the second access priority parameter; wherein

the first access priority parameter represents the access priority parameter configured by the network side for an ordinary terminal, and the second access priority parameter represents the access priority parameter configured by the network side for a low-capability terminal.

10. The method of any one of claims 7 to 9, wherein the second information is used to instruct:

both a first type of terminal and a second type of terminal to use the first access priority parameter;

the first type of terminal to use the first access priority parameter, and the second type of terminal to use the second access priority parameter; or

both the first type of terminal and the second type of terminal to use the second access priority parameter.

11. The method of any one of claims 1 to 10, further comprising:

sending third information to the base station; wherein

the third information is used to instruct a terminal type, and the third information is carried in a MSG 1, a MSG 3 or a MSG A to be sent.

12. The method of claim 11, further comprising:

receiving fourth information sent by the base station; wherein

the fourth information is used to instruct the terminal to report the third information through the MSG 1, the MSG 3 or the MSG A.

13. A communication method, performed by a base station, comprising:

sending at least two groups of configurations; wherein

each of the at least two groups of configurations comprise carrier information or bandwidth

part (BWP) information representing a carrier or a BWP configured by a network side for a specific terminal for a communication, a specific slice, or a specific service.

14. The method of claim 13, further comprising:

sending first information to a terminal on a first carrier or a first BWP; wherein

the first information is used to instruct the terminal to use the first carrier or the first BWP to perform a random access process, and/or to instruct the terminal to use a second carrier or a second BWP to perform the random access process.

15. The method of claim 14, wherein the first information is used to instruct:

both a first type of terminal and a second type of terminal to use the first carrier or the first BWP to perform the random access process;

both the first type of terminal and the second type of terminal to use the second carrier or the second BWP to perform the random access process; or

the first type of terminal to use the first carrier or the first BWP to perform the random access process, and the second type of terminal to use the second carrier or the second BWP to perform the random access process.

16. The method of claim 15, wherein the first type of terminal represents an ordinary terminal, and the second type of terminal represents a low-capability terminal.

17. The method of any one of claims 14 to 16, wherein the first information is carried in a random-access response (RAR) or a message (MSG) 4 sent by the base station.

18. The method of claim 13, further comprising:

sending second information to the terminal; wherein

the second information is used to instruct the terminal to use a first access priority parameter, and/or to instruct the terminal to use a second access priority parameter.

19. The method of any one of claims 13 to 18, further comprising:

determining a terminal type of a terminal based on a preamble of a MSG 1 or a MSG A sent by the terminal or random access channel (RACH) Occasion (RO) resources, and/or based on third information carried in the MSG 1, a MSG 3 or the MSG A sent by the terminal; and

configuring different groups of random access resources for different types of terminals; wherein

the third information is used to instruct the terminal type.

20. A base station, comprising: a second processor and a second memory for storing a

computer program executable by the processor; wherein

the second processor is configured to perform the steps of the method of any one of claims 13-19 when running the computer programs.