WHAT IS CLAIMED IS:

1. A method for resource configuration, comprising:

receiving, by a terminal device, configuration information corresponding to an uplink bandwidth part BWP sent by a network device, wherein the uplink BWP includes at least two resource block RB sets; and

obtaining, by the terminal device according to the configuration information, frequency domain positions of a first frequency domain resource and N second frequency domain resource(s) in the uplink BWP, wherein the first frequency domain resource comprises a first guard band between two adjacent RB sets in the at least two RB sets, each second frequency domain resource in the N second frequency domain resource(s) is used to transmit a first physical uplink channel, the first physical uplink channel comprises at least one of physical random access channel PRACH and message A-physical uplink shared channel msgA-PUSCH, and N is a positive integer.

~~2. The method according to claim 1, further comprising:~~

~~in a case where the first frequency domain resource and the second frequency domain resource are overlapped in frequency domain, the second frequency domain resource is not able to be used to transmit the first physical uplink channel; or~~

~~in a case where the first frequency domain resource and the second frequency domain resource are not overlapped in frequency domain, the second frequency domain resource is used to transmit the first physical uplink channel.~~

~~3. The method according to claim 1 or 2, further comprising:~~

~~in a case where the first frequency domain resource and the second frequency domain resource are overlapped in frequency domain, the second frequency domain resource is an invalid resource; or~~

~~in a case where the first frequency domain resource and the second frequency domain~~

~~resource are not overlapped in frequency domain, the second frequency domain resource is a valid resource.~~

2~~4~~. The method according to ~~any one of claims 1-3~~claim 1, wherein the configuration information comprises first indication information, and wherein the first indication information is used to indicate a frequency domain starting position in the uplink BWP, of at least one second frequency domain resource of the N second frequency domain resource(s); and

wherein the first indication information is used to indicate a frequency domain starting position in the uplink BWP, of a first one of the second frequency domain resource of the N second frequency domain resource(s), and wherein the first one of the second frequency domain resource comprises the second frequency domain resource with lowest frequency domain position in the N second frequency domain resource(s).

~~5~~3. The method according to claim 4~~2~~, wherein the first indication information is used to indicate a frequency domain starting position in the uplink BWP, of each second frequency domain resource of the N second frequency domain resource(s).

~~6. The method according to claim 4, wherein the first indication information is used to indicate a frequency domain starting position in the uplink BWP, of a first one of the second frequency domain resource of the N second frequency domain resource(s), and wherein the first one of the second frequency domain resource comprises the second frequency domain resource with lowest frequency domain position in the N second frequency domain resource(s).~~

~~7~~4. The method according to any one of claims 1-~~6~~3, wherein the configuration information comprises second indication information, and wherein the second indication information is used to indicate that a number of the second frequency domain resource comprised in the uplink BWP is the N~~.~~; and

~~8. The method according to claim 7,~~ wherein the uplink BWP comprises P RB set(s), wherein P is a positive integer, and the method further comprises:

in a case where the N is smaller than or equal to the P, each RB set in first N RB set(s) of the P RB set(s) comprises one second frequency domain resource; or,

in a case where the N is greater than the P, each RB set in the P RB set(s) comprises one second frequency domain resource.

~~9~~5. The method according to any one of claims 1-~~8~~4, wherein the configuration information comprises third indication information, wherein the third indication information is used to indicate a frequency domain starting position in at least one RB set of the first RB set, of at least one second frequency domain resource of the N second frequency domain resource(s), and wherein the first RB set comprises at least one RB set in the at least two RB sets.

~~10. The method according to claim 9, wherein the first RB set comprises M RB set(s), and the third indication information is further used to indicate the frequency domain starting position in corresponding RB set, of a first one of the second frequency domain resource of each RB set of the M RB set(s), and wherein M is a positive integer smaller than or equal to N.~~

~~11~~6. The method according to claim ~~9~~5, wherein the third indication information is ~~further~~ used to indicate the frequency domain starting position in a first one of the RB set, of a first one of the second frequency domain resource of the first one of the RB set, and wherein the first one of the RB set comprises an RB set with smallest index in the first RB set.

~~12~~7. The method according to claim ~~11~~6, wherein the first RB set comprises L RB set(s), wherein the frequency domain starting positions in corresponding RB set, of the first one of the second frequency domain resource of each RB set of the L RB set(s), are same, and wherein L is a positive integer smaller than or equal to N.

~~13. The method according to any one of claims 1-12, wherein the configuration information comprises fourth indication information, wherein the fourth indication information is used to indicate an index of a first RB set, and wherein the first RB set comprises at least one of the second frequency domain resources.~~

~~14. The method according to any one of claims 1-13, wherein the configuration information comprises fifth indication information, and wherein the fifth indication information is used to indicate a frequency domain position of the first frequency domain resource in the uplink BWP.~~

~~15~~8. The method according to any one of claims 1-~~14~~7, wherein each of the N second frequency domain resource(s) is located in one RB set of the at least two RB sets.

~~16. The method according to any one of claims 1-15, wherein the uplink BWP comprises an uplink initial BWP or an uplink activated BWP.~~

~~17~~9. A method for resource configuration, comprising:

transmitting, by a network device, configuration information corresponding to an uplink bandwidth part BWP to a terminal device, wherein the uplink BWP comprises at least two resource block RB sets~~.~~,

~~18. The method according to claim 17,~~ wherein the uplink BWP comprises frequency domain positions of a first frequency domain resource and N second frequency domain resource(s), and wherein the first frequency domain resource comprises a first guard band between two adjacent RB sets in the at least two RB sets, each second frequency domain resource in the N second frequency domain resource(s) is used to transmit a first physical uplink channel, the first physical uplink channel comprises at least one of physical random access channel PRACH and message A-physical uplink shared channel msgA-PUSCH, and N is a positive integer.

~~19. The method according to claim 18, further comprising:~~

~~in a case where the first frequency domain resource and the second frequency domain resource are overlapped in frequency domain, the second frequency domain resource is not able to be used to transmit the first physical uplink channel; or~~

~~in a case where the first frequency domain resource and the second frequency domain~~

~~resource are not overlapped in frequency domain, the second frequency domain resource is used to transmit the first physical uplink channel.~~

~~20. The method according to claim 18 or 19, further comprising:~~

~~in a case where the first frequency domain resource and the second frequency domain resource are overlapped in frequency domain, the second frequency domain resource is an invalid resource; or~~

~~in a case where the first frequency domain resource and the second frequency domain resource are not overlapped in frequency domain, the second frequency domain resource is a valid resource.~~

~~21~~10. The method according to ~~any one of claims 18-20~~claim 9, wherein the configuration information comprises first indication information, and wherein the first indication information is used to indicate a frequency domain starting position in the uplink BWP, of at least one second frequency domain resource of the N second frequency domain resource(s); and

wherein the first indication information is used to indicate a frequency domain starting position in the uplink BWP, of a first one of the second frequency domain resource of the N second frequency domain resource(s), and wherein the first one of the second frequency domain resource comprises the second frequency domain resource with lowest frequency domain position in the N second frequency domain resource(s).

~~22~~11. The method according to claim ~~21~~10, wherein the first indication information is used to indicate a frequency domain starting position in the uplink BWP, of each second frequency domain resource of the N second frequency domain resource(s).

~~23. The method according to claim 21, wherein the first indication information is used to indicate a frequency domain starting position in the uplink BWP, of a first one of the second frequency domain resource of the N second frequency domain resource(s), and wherein the first one of the second frequency domain resource comprises the second frequency domain~~

~~resource with lowest frequency domain position in the N second frequency domain resource(s).~~

~~24. The method according to any one of claims 18-23, wherein the configuration information comprises second indication information, and wherein the second indication information is used to indicate that a number of the second frequency domain resource comprised in the uplink BWP is the N.~~

~~25. The method according to claim 24, wherein the uplink BWP comprises P RB set(s), wherein P is a positive integer, and the method further comprises:~~

~~in a case where the N is smaller than or equal to the P, each RB set in first N RB set(s) of the P RB set(s) comprises one second frequency domain resource; or,~~

~~in a case where the N is greater than the P, each RB set in the P RB set(s) comprises one second frequency domain resource.~~

~~26~~12. The method according to any one of claims ~~18~~9-~~25~~11, wherein the configuration information comprises third indication information, wherein the third indication information is used to indicate a frequency domain starting position in at least one RB set of the first RB set, of at least one second frequency domain resource of the N second frequency domain resource(s), and wherein the first RB set comprises at least one RB set in the at least two RB sets; and

wherein the third indication information is used to indicate the frequency domain starting position in a first one of the RB set, of a first one of the second frequency domain resource of the first one of the RB set, and wherein the first one of the RB set comprises an RB set with smallest index in the first RB set.

~~27. The method according to claim 26, wherein the first RB set comprises M RB set(s), and the third indication information is further used to indicate the frequency domain starting position in corresponding RB set, of a first one of the second frequency domain resource of each RB set of the M RB set(s), and wherein M is a positive integer smaller than or equal to N.~~

~~28. The method according to claim 26, wherein the third indication information is further~~

~~used to indicate the frequency domain starting position in a first one of the RB set, of a first one of the second frequency domain resource of the first one of the RB set, and wherein the first one of the RB set comprises an RB set with smallest index in the first RB set.~~

~~29~~13. The method according to claim ~~28~~12, wherein the first RB set comprises L RB set(s), wherein the frequency domain starting positions in corresponding RB set, of the first one of the second frequency domain resource of each RB set of the L RB set(s), are same, and wherein L is a positive integer smaller than or equal to N.

~~30. The method according to any one of claims 18-29, wherein the configuration information comprises fourth indication information, wherein the fourth indication information is used to indicate an index of a first RB set, and wherein the first RB set comprises at least one of the second frequency domain resources.~~

~~31. The method according to any one of claims 18-30, wherein the configuration information comprises fifth indication information, and wherein the fifth indication information is used to indicate a frequency domain position of the first frequency domain resource in the uplink BWP.~~

~~32~~14. The method according to any one of claims ~~18~~9-~~31~~13, wherein each of the N second frequency domain resource(s) is located in one RB set of the at least two RB sets.

~~33. The method according to any one of claims 17-32, wherein the uplink BWP comprises an uplink initial BWP or an uplink activated BWP.~~

~~34~~15. An apparatus for resource configuration, comprising modules adapted to perform the steps of the method according to any one of claims 1 to 14.~~applied to a terminal device comprising a processing unit and a communication unit, wherein the processing unit is configured to:~~

~~receive configuration information corresponding to an uplink bandwidth part BWP sent by a network device, wherein the uplink BWP includes at least two resource block RB sets;~~

and

obtain, according to the configuration information, frequency domain positions of a first frequency domain resource and N second frequency domain resource(s) in the uplink BWP, wherein the first frequency domain resource comprises a first guard band between two adjacent RB sets in the at least two RB sets, each second frequency domain resource in the N second frequency domain resource(s) is used to transmit a first physical uplink channel, the first physical uplink channel comprises at least one of physical random access channel PRACH and message A-physical uplink shared channel msgA-PUSCH, and N is a positive integer.

35. The apparatus according to claim 34, further comprising:

in a case where the first frequency domain resource and the second frequency domain resource are overlapped in frequency domain, the second frequency domain resource is not able to be used to transmit the first physical uplink channel; or

in a case where the first frequency domain resource and the second frequency domain resource are not overlapped in frequency domain, the second frequency domain resource is used to transmit the first physical uplink channel.

36. The apparatus according to claim 34 or 35, further comprising:

in a case where the first frequency domain resource and the second frequency domain resource are overlapped in frequency domain, the second frequency domain resource is an invalid resource; or

in a case where the first frequency domain resource and the second frequency domain resource are not overlapped in frequency domain, the second frequency domain resource is a valid resource.

37. The apparatus according to any one of claims 34-36, wherein the configuration information comprises first indication information, and wherein the first indication information is used to indicate a frequency domain starting position in the uplink BWP, of at least one

second frequency domain resource of the N second frequency domain resource(s).

38. The apparatus according to claim 37, wherein the first indication information is used to indicate a frequency domain starting position in the uplink BWP, of each second frequency domain resource of the N second frequency domain resource(s).

39. The apparatus according to claim 37, wherein the first indication information is used to indicate a frequency domain starting position in the uplink BWP, of a first one of the second frequency domain resource of the N second frequency domain resource(s), and wherein the first one of the second frequency domain resource comprises the second frequency domain resource with lowest frequency domain position in the N second frequency domain resource(s).

40. The apparatus according to any one of claims 34-39, wherein the configuration information comprises second indication information, and wherein the second indication information is used to indicate that a number of the second frequency domain resource comprised in the uplink BWP is the N.

41. The apparatus according to claim 40, wherein the uplink BWP comprises P RB set(s), wherein P is a positive integer, and the method further comprises:

in a case where the N is smaller than or equal to the P, each RB set in first N RB set(s) of the P RB set(s) comprises one second frequency domain resource; or,

in a case where the N is greater than the P, each RB set in the P RB set(s) comprises one second frequency domain resource.

42. The apparatus according to any one of claims 34-41, wherein the configuration information comprises third indication information, wherein the third indication information is used to indicate a frequency domain starting position in at least one RB set of the first RB set, of at least one second frequency domain resource of the N second frequency domain resource(s), and wherein the first RB set comprises at least one RB set in the at least two RB sets.

43. The apparatus according to claim 42, wherein the first RB set comprises M RB set(s),

and the third indication information is further used to indicate the frequency domain starting position in corresponding RB set, of a first one of the second frequency domain resource of each RB set of the M RB set(s), and wherein M is a positive integer smaller than or equal to N.

44. The apparatus according to claim 42, wherein the third indication information is further used to indicate the frequency domain starting position in a first one of the RB set, of a first one of the second frequency domain resource of the first one of the RB set, and wherein the first one of the RB set comprises an RB set with smallest index in the first RB set.

45. The apparatus according to claim 44, wherein the first RB set comprises L RB set(s), wherein the frequency domain starting positions in corresponding RB set, of the first one of the second frequency domain resource of each RB set of the L RB set(s), are same, and wherein L is a positive integer smaller than or equal to N.

46. The apparatus according to any one of claims 34-45, wherein the configuration information comprises fourth indication information, wherein the fourth indication information is used to indicate an index of a first RB set, and wherein the first RB set comprises at least one of the second frequency domain resources.

47. The apparatus according to any one of claims 34-46, wherein the configuration information comprises fifth indication information, and wherein the fifth indication information is used to indicate a frequency domain position of the first frequency domain resource in the uplink BWP.

48. The apparatus according to any one of claims 34-47, wherein each of the N second frequency domain resource(s) is located in one RB set of the at least two RB sets.

49. The apparatus according to any one of claims 34-48, wherein the uplink BWP comprises an uplink initial BWP or an uplink activated BWP.

50. An apparatus for resource configuration, applied to a network device comprising a processing unit and a communication unit, wherein the processing unit is configured to:

~~transmit configuration information corresponding to an uplink bandwidth part BWP to a terminal device, wherein the uplink BWP comprises at least two resource block RB sets.~~

~~51. The apparatus according to claim 50, wherein the uplink BWP comprises frequency domain positions of a first frequency domain resource and N second frequency domain resource(s), and wherein the first frequency domain resource comprises a first guard band between two adjacent RB sets in the at least two RB sets, each second frequency domain resource in the N second frequency domain resource(s) is used to transmit a first physical uplink channel, the first physical uplink channel comprises at least one of physical random access channel PRACH and message A physical uplink shared channel msgA-PUSCH, and N is a positive integer.~~

~~52. The apparatus according to claim 51, wherein the processing unit is further configured to:~~

~~in a case where the first frequency domain resource and the second frequency domain resource are overlapped in frequency domain, the second frequency domain resource is not able to be used to transmit the first physical uplink channel; or~~

~~in a case where the first frequency domain resource and the second frequency domain resource are not overlapped in frequency domain, the second frequency domain resource is used to transmit the first physical uplink channel.~~

~~53. The apparatus according to claim 50 or 51, wherein the processing unit is further configured to:~~

~~in a case where the first frequency domain resource and the second frequency domain resource are overlapped in frequency domain, the second frequency domain resource is an invalid resource; or~~

~~in a case where the first frequency domain resource and the second frequency domain resource are not overlapped in frequency domain, the second frequency domain resource is a~~

~~valid resource.~~

~~54. The apparatus according to any one of claims 51-53, wherein the configuration information comprises first indication information, and wherein the first indication information is used to indicate a frequency domain starting position in the uplink BWP, of at least one second frequency domain resource of the N second frequency domain resource(s).~~

~~55. The apparatus according to claim 54, wherein the first indication information is used to indicate a frequency domain starting position in the uplink BWP, of each second frequency domain resource of the N second frequency domain resource(s).~~

~~56. The apparatus according to claim 54, wherein the first indication information is used to indicate a frequency domain starting position in the uplink BWP, of a first one of the second frequency domain resource of the N second frequency domain resource(s), and wherein the first one of the second frequency domain resource comprises the second frequency domain resource with lowest frequency domain position in the N second frequency domain resource(s).~~

~~57. The apparatus according to any one of claims 51-56, wherein the configuration information comprises second indication information, and wherein the second indication information is used to indicate that a number of the second frequency domain resource comprised in the uplink BWP is the N.~~

~~58. The apparatus according to claim 57, wherein the uplink BWP comprises P RB set(s), wherein P is a positive integer, and the method further comprises:~~

~~in a case where the N is smaller than or equal to the P, each RB set in first N RB set(s) of the P RB set(s) comprises one second frequency domain resource; or,~~

~~in a case where the N is greater than the P, each RB set in the P RB set(s) comprises one second frequency domain resource.~~

~~59. The apparatus according to any one of claims 51-58, wherein the configuration information comprises third indication information, wherein the third indication information is~~

~~used to indicate a frequency domain starting position in at least one RB set of the first RB set, of at least one second frequency domain resource of the N second frequency domain resource(s), and wherein the first RB set comprises at least one RB set in the at least two RB sets.~~

~~60. The apparatus according to claim 59, wherein the first RB set comprises M RB set(s), and the third indication information is further used to indicate the frequency domain starting position in corresponding RB set, of a first one of the second frequency domain resource of each RB set of the M RB set(s), and wherein M is a positive integer smaller than or equal to N.~~

~~61. The apparatus according to claim 59, wherein the third indication information is further used to indicate the frequency domain starting position in a first one of the RB set, of a first one of the second frequency domain resource of the first one of the RB set, and wherein the first one of the RB set comprises an RB set with smallest index in the first RB set.~~

~~62. The apparatus according to claim 61, wherein the first RB set comprises L RB set(s), wherein the frequency domain starting positions in corresponding RB set, of the first one of the second frequency domain resource of each RB set of the L RB set(s), are same, and wherein L is a positive integer smaller than or equal to N.~~

~~63. The apparatus according to any one of claims 51-62, wherein the configuration information comprises fourth indication information, wherein the fourth indication information is used to indicate an index of a first RB set, and wherein the first RB set comprises at least one of the second frequency domain resources.~~

~~64. The apparatus according to any one of claims 51-63, wherein the configuration information comprises fifth indication information, and wherein the fifth indication information is used to indicate a frequency domain position of the first frequency domain resource in the uplink BWP.~~

~~65. The apparatus according to any one of claims 51-64, wherein each of the N second frequency domain resource(s) is located in one RB set of the at least two RB sets.~~

66. The apparatus according to any one of claims 50-65, wherein the uplink BWP comprises an uplink initial BWP or an uplink activated BWP.

67. A terminal device, comprising a processor, a memory, a communication interface, and one or more programs, wherein the one or more programs are stored in the memory and configured to be executed by the processor, and wherein the program comprises instructions for implementing steps of the method according to any one of claims 1-16.

68. A network device, comprising a processor, a memory, a communication interface, and one or more programs, wherein the one or more programs are stored in the memory and configured to be executed by the processor, and wherein the program comprises instructions for implementing steps of the method according to any one of claims 17-33.

69. A chip, comprising a processor, configured to invoke and execute a computer program from a memory, to cause a device on which the chip is installed to implement the method according to any one of claims 1-16 or 17-33.

70. A computer-readable storage medium, configured to store a computer program for electronic data exchange, wherein the computer program causes a computer to implement the method according to any one of claims 1-16 or 17-33.

71. A computer program configured to causes a computer to implement the method according to any one of claims 1-16 or 17-33.