

CLAIMS

1. An information configuration method, comprising:

receiving, by a terminal, first configuration information sent by a target base station, the first configuration information comprising at least one Secondary Node (SN) configuration; and

determining, by the terminal, a target SN configuration in the at least one SN configuration; and

triggering, by the terminal, the target SN configuration to be in an active state.

2. The method of claim 1, wherein determining, by the terminal, the target SN configuration in the at least one SN configuration and triggering, by the terminal, the target SN configuration to be in the active state comprise:

in a case that the first configuration information comprises multiple SN configurations, selecting, by the terminal based on signal measurement results of cells in an inactive state, an SN configuration from the multiple SN configurations as the target SN configuration; and

sending, by the terminal, index information corresponding to the target SN configuration to the target base station, to enable the target SN configuration to be in the active state.

3. The method of claim 1 or 2, wherein determining, by the terminal, the target SN configuration in the at least one SN configuration and triggering, by the terminal, the target SN configuration to be in the active state comprise:

in a case that the first configuration information comprises one SN configuration, determining, by the terminal, the one SN configuration to be the target SN configuration after receiving the first configuration information, wherein the target SN configuration is in the

active state.

4. The method of any one of claims 1-3, wherein each SN configuration comprises configuration information of at least one cell, and the terminal determines a cell in the at least one cell to be a Primary Secondary Cell (Pscell) of a respective SN,

wherein the at least one cell comprises at least one of:

one first cell; or

at least one second cell,

wherein the first cell is a Pscell configured by a network side and the at least one second cell is a Secondary Cell (Scell) configured by the network side, and

wherein the Pscell determined by the terminal is the same as or different from a Pscell configured by the network side.

5. The method of claim 4, wherein when the target SN configuration is in the active state,

in the target SN configuration, the Pscell determined by the terminal is in the active state, and a Secondary Cell (Scell) determined by the terminal is in the inactive state.

6. The method of claim 5, further comprising:

sending, by the terminal, to the target base station at least one of:

signal measurement results of cells in an inactive state; or

identification information of the Pscell determined by the terminal in the target SN configuration,

wherein the signal measurement results of the cells in the inactive state are used to trigger the target base station to transmit an activation command for at least one Scell in the

target SN configuration,

wherein the identification information of the Pscell comprises at least one of a Physical Cell Identifier (PCI) of the Pscell, a Cell Identifier (CI) of the Pscell or index information of the Pscell in the target SN configuration.

7. The method of claim 5, further comprising:

determining, by the terminal based on the signal measurement result of the cells in the inactive state, at least one cell to be activated in the target SN configuration, the at least one cell comprising one Pscell and/or at least one Scell, which are determined by the terminal side; and

sending, by the terminal, identification information of the at least one cell to be activated to the target base station.

8. The method of claim 7, wherein the identification information of the at least one cell comprises at least one of:

a Physical Cell Identifier (PCI) of the one Pscell, and/or a Physical Cell Identifier (PCI) of each of the at least one Scell;

a Cell Identifier (CI) of the one Pscell and/or a Cell Identifier (CI) of each of the at least one Scell;

index information of the one Pscell in the target SN configuration and/or index information of each of the at least one Scell in the target SN configuration; or

at least one of index information of the one Pscell in the target SN configuration or first bitmap information, wherein each bit in the first bitmap information corresponds to a Scell in the target SN configuration, and a value of the bit represents whether a respective Scell is to be in the active state.

9. The method of any one of claims 1-8, wherein receiving, by the terminal, the first configuration information sent by the target base station comprises:

sending, by the terminal, a first request message to the target base station, wherein the first request message is used to resume a Radio Resource Control (RRC) connection; and

receiving, by the terminal, a first response message sent by the target base station, wherein the first response message comprises the first configuration information.

10. The method of claim 9, wherein configuration information of at least one base station adjacent to the target base station is configured on the target base station side, and the first configuration information is determined by the target base station based on the configuration information of the at least one base station adjacent to the target base station.

11. The method of any one of claims 1-10, wherein the terminal supports a Dual Connectivity (DC) mode, and in the DC mode, the target base station, as a target Master Node (MN), forms a DC network with a target SN.

12. An information configuration method, comprising:

sending, by a target base station, first configuration information to a terminal, the first configuration information comprising at least one Secondary Node (SN) configuration and the at least one SN configuration being used for the terminal to determine a target SN configuration to trigger the target SN configuration to be in an active state.

13. The method of claim 12, wherein in a case that the first configuration information comprises one SN configuration, after the target base station sends the first configuration information to the terminal, the one SN configuration is determined by the terminal determines to be the target SN configuration in the active state.

14. The method of any one of claim 12 or 13, wherein sending, by the target base station, the first configuration information to the terminal comprises:

receiving, by the target base station, a first request message sent by the terminal, the first request message used to resume a Radio Resource Control (RRC) connection; and

sending, by the target base station, a first response message to the terminal, the first response message comprises the first configuration information.

15. The method of any one of claims 12-14, wherein, in a Dual Connectivity (DC) mode, the target base station, as a target Master Node (MN), forms a DC network with a target SN.

16. A terminal, comprising a processor and a memory, wherein the memory is configured to store computer programs, and the processor is configured to call and run the computer programs stored in the memory to execute the method of any one of claims 1-11.

17. A network device, comprising a processor and a memory, wherein the memory is configured to store computer programs, and the processor is configured to call and run the computer programs stored in the memory to execute the method of any one of claims 12-15.