

WHAT IS CLAIMED IS:

1. A resource configuration method in New Radio (NR), comprising:

receiving (S302), by one terminal, configuration information transmitted by a network device, the configuration information being used for indicating at least one physical uplink control channel (PUCCH) resource, wherein the at least one PUCCH resource is used for transmitting feedback response information corresponding to a plurality of downlink semi-persistent scheduling resources configured for the one terminal, and the at least one PUCCH resource comprises a plurality of PUCCH resources in one slot; and

transmitting, by the terminal, the feedback response information corresponding to the plurality of downlink semi-persistent scheduling resource on the at least one PUCCH resource,

wherein the plurality of downlink semi-persistent scheduling resources are divided into one or more groups, the configuration information is used for indicating the downlink semi-persistent scheduling resources included in each group of downlink semi-persistent scheduling resources and the corresponding PUCCH resource, the corresponding PUCCH resource is used for feedback response information transmission of the each group of downlink semi-persistent scheduling resources, and each group of downlink semi-persistent scheduling resources includes at least two downlink semi-persistent scheduling resource, at least two downlink semi-persistent scheduling resources in one group of the one or more groups are in different slots, and the feedback response information corresponding to the downlink semi-persistent scheduling resources in different slots in the one group of the one or more groups are transmitted in one PUCCH resource of the at least one PUCCH resource.

2. The method according to claim 1, wherein the configuration information is used for indicating a slot or sub-slot for the PUCCH resource.

3. The method according to claim 2, wherein the configuration information is used for indicating the slot or sub-slot for the PUCCH resource, comprising that the configuration information is used for indicating index number information of the slot or sub-slot for the

PUCCH resource.

4. The method according to claim 2, wherein the configuration information is used for indicating the slot or sub-slot for the PUCCH resource, comprising that the configuration information is used for indicating a time domain interval between the PUCCH resource and the corresponding downlink semi-persistent scheduling resources.

5. A resource configuration method in New Radio (NR), comprising:

transmitting (S301), by a network device, configuration information to one terminal, the configuration information being used for indicating at least one PUCCH resource, wherein the at least one PUCCH resource is used for transmitting feedback response information corresponding to a plurality of downlink semi-persistent scheduling resources configured for the one terminal, and the at least one PUCCH resource comprises a plurality of PUCCH resources in one slot; and

receiving, by the network device, the feedback response information corresponding to the plurality of downlink semi-persistent scheduling resource on the at least one PUCCH resource,

wherein the plurality of downlink semi-persistent scheduling resources are divided into one or more groups, the configuration information is used for indicating the downlink semi-persistent scheduling resources included in each group of downlink semi-persistent scheduling resources and the corresponding PUCCH resource, the corresponding PUCCH resource is used for feedback response information transmission of the each group of downlink semi-persistent scheduling resources, and each group of downlink semi-persistent scheduling resources includes at least two downlink semi-persistent scheduling resource, at least two downlink semi-persistent scheduling resources in one group of the one or more groups are in different slots, and the feedback response information corresponding to the downlink semi-persistent scheduling resources in different slots in the one group of the one or more groups are received in one PUCCH resource of the at least one PUCCH resource.

6. The method according to claim 5, wherein the configuration information is used for indicating a slot or sub-slot for the PUCCH resource.

7. The method according to claim 6, wherein the configuration information is used for indicating the slot or sub-slot for the PUCCH resource, comprising that the configuration information is used for indicating index number information of the slot or sub-slot for the PUCCH resource.

8. The method according to claim 6, wherein the configuration information is used for indicating the slot or sub-slot for the PUCCH resource, comprising that the configuration information is used for indicating a time domain interval between the PUCCH resource and the corresponding downlink semi-persistent scheduling resources.

9. A resource configuration device in New Radio (NR), comprising:

a processor; and

a memory for storing a computer program, wherein the processor is configured to execute the computer program stored in the memory to cause the resource configuration device to:

receive configuration information transmitted by a network device, the configuration information being used for indicating at least one physical uplink control channel (PUCCH) resource, wherein the at least one PUCCH resource is used for transmitting feedback response information corresponding to a plurality of downlink semi-persistent scheduling resources configured for one terminal, and the at least one PUCCH resource comprises a plurality of PUCCH resources in one slot; and

transmit the feedback response information corresponding to the plurality of downlink semi-persistent scheduling resource on the at least one PUCCH resource,

wherein the plurality of downlink semi-persistent scheduling resources are divided into one or more groups, the configuration information is used for indicating the downlink semi-persistent scheduling resources included in each group of downlink semi-persistent scheduling resources and the corresponding PUCCH resource, the corresponding PUCCH resource is used for feedback response information transmission of the each group of downlink semi-persistent scheduling resources, and each group of downlink semi-persistent scheduling resources includes at least two downlink semi-persistent scheduling resource, at

least two downlink semi-persistent scheduling resources in one group of the one or more groups are in different slots, and the feedback response information corresponding to the downlink semi-persistent scheduling resources in different slots in the one group of the one or more groups are transmitted in one PUCCH resource of the at least one PUCCH resource.

10. The device according to claim 9, wherein the configuration information is used for indicating a slot or sub-slot for the PUCCH resource.

11. The device according to claim 10, wherein the configuration information is used for indicating the slot or sub-slot for the PUCCH resource, comprising that the configuration information is used for indicating index number information of the slot or sub-slot for the PUCCH resource.

12. The device according to claim 10, wherein the configuration information is used for indicating the slot or sub-slot for the PUCCH resource, comprising that the configuration information is used for indicating a time domain interval between the PUCCH resource and the corresponding downlink semi-persistent scheduling resources.

13. A resource configuration device in New Radio (NR), comprising:

a processor; and

a memory for storing a computer program, wherein the processor is configured to execute the computer program stored in the memory to cause the resource configuration device to:

transmit configuration information to one terminal, the configuration information being used for indicating at least one PUCCH resource, wherein the at least one PUCCH resource is used for transmitting feedback response information corresponding to the plurality of downlink semi-persistent scheduling resources configured for the one terminal, and the at least one PUCCH resource comprises a plurality of PUCCH resources in one slot; and

receive the feedback response information corresponding to the plurality of downlink semi-persistent scheduling resource on the at least one PUCCH resource,

wherein the plurality of downlink semi-persistent scheduling resources are divided into

one or more groups, the configuration information is used for indicating the downlink semi-persistent scheduling resources included in each group of downlink semi-persistent scheduling resources and the corresponding PUCCH resource, the corresponding PUCCH resource is used for feedback response information transmission of the each group of downlink semi-persistent scheduling resources, and each group of downlink semi-persistent scheduling resources includes at least two downlink semi-persistent scheduling resource, at least two downlink semi-persistent scheduling resources in one group of the one or more groups are in different slots, and the feedback response information corresponding to the downlink semi-persistent scheduling resources in different slots in the one group of the one or more groups are received in one PUCCH resource of the at least one PUCCH resource.

14. The device according to claim 13, wherein the configuration information is used for indicating a slot or sub-slot for the PUCCH resource.

15. The device according to claim 14, wherein the configuration information is used for indicating the slot or sub-slot for the PUCCH resource, comprising that the configuration information is used for indicating index number information of the slot or sub-slot for the PUCCH resource, or

wherein the configuration information is used for indicating the slot or sub-slot for the PUCCH resource, comprising that the configuration information is used for indicating a time domain interval between the PUCCH resource and the corresponding downlink semi-persistent scheduling resources.

ABSTRACT

The present application relates to a resource configuration method and apparatus, a computer device and a storage medium. A terminal receives configuration information sent by a network device. Since the configuration information is used to indicate at least one PUCCH resource, and the at least one PUCCH resource is used to transmit feedback response information corresponding to a plurality of downlink semi-persistent scheduling resources, the terminal may send the feedback response information corresponding to the downlink semi-persistent scheduling resources on the PUCCH resource indicated by the configuration information, or a plurality of SPS resources may share one PUCCH resource, so that each downlink semi-persistent scheduling resource has a corresponding PUCCH resource that may transmit the feedback response information, thereby avoiding the circumstance in the prior art in which some downlink semi-persistent scheduling resources have no available PUCCH resources, and ensuring the quality of data transmission.

(FIG. 3)