CLAIMS

1. A data scheduling method, comprising:

receiving, by a user equipment (UE), control information from a network device;

determining, by the UE, a version of duplicated data to be transmitted on a granted resource according to the control information; and

transmitting, by the UE, data corresponding to the version on the granted resource.

2. The method of claim 1, wherein the control information comprises indication information, the indication information indicates the version of the duplicated data to be transmitted on the granted resource, and wherein determining, by the UE, the version of the duplicated data to be transmitted on the granted resource according to the control information comprises:

determining, by the UE, the version of the duplicated data to be transmitted on the granted resource according to the indication information.

3. The method of claim 1, further comprising:

receiving, by the UE, signaling from the network device, the signaling containing a mapping relationship between carriers and versions of the duplicated data, wherein

determining, by the UE, the version of the duplicated data to be transmitted on the granted resource according to the control information comprises:

determining, by the UE, the version of the duplicated data to be transmitted on the granted resource according to the mapping relationship between carriers and versions of the duplicated data.

4. The method of any one of claims 1-3, wherein the control information comprises a UE Identity (ID), the UE ID indicates a target UE of the granted resource, and wherein transmitting, by the UE, the data corresponding to the version on the granted resource comprises:

transmitting, by the UE, the data, corresponding to the version, for the UE ID, on the granted resource.

5. A data scheduling method, comprising:

configuring, by a network device, control information, wherein the control information is used to determine a version of duplicated data to be transmitted on a granted resource; and

sending, by the network device, the control information.

6. The method of claim 5, wherein the control information comprises indication information, and the indication information indicates the version of the duplicated data to be transmitted on the granted resource.

7. The method of claim 5, further comprising:

sending, by the network device, signaling, the signaling containing a mapping relationship between carriers and versions of the duplicated data, wherein the mapping relationship between carriers and versions of the duplicated data is used to determine the version of the duplicated data to be transmitted on the granted resource.

8. The method of any one of claims 5-7, wherein the control information comprises a user equipment (UE) Identity (ID), and the UE ID is indicates a target UE of the granted resource.

9. A user equipment (UE), comprising a communication unit and a processing unit, wherein

the processing unit is configured to:

receive, through the communication unit, control information from a network device,

determine a version of duplicated data to be transmitted on a granted resource according to the control information, and

transmit, through the communication unit, data corresponding to the version on the granted resource.

10. The UE of claim 9, wherein the control information comprises indication information, the indication information indicates the version of the duplicated data to be transmitted on the granted resource, and wherein

the processing unit is configured to:

determine the version of the duplicated data to be transmitted on the granted resource according to the indication information.

11. The UE of claim 9, wherein the processing unit is further configured to:

receive signaling from the network device, the signaling containing a mapping relationship between carriers and versions of the duplicated data, wherein

determine the version of the duplicated data to be transmitted on the granted resource according to the control information comprises:

determine the version of the duplicated data to be transmitted on the granted resource according to the mapping relationship between carriers and versions of the duplicated data.

12. The UE of claim 11, wherein the signaling comprises radio resource control (RRC) signaling or system information.

13. The UE of any one of claims 9-12, wherein the control information comprises a UE Identity (ID), the UE ID indicates a target UE of the granted resource, and wherein

the processing unit is configured to:

transmit the data, corresponding to the version, for the UE ID, on the granted resource.

14. The method of claim 10 or 13, wherein the control information is sidelink control information (SCI), the indication information is first bit information newly added in the SCI, and the UE ID is second bit information newly added in the SCI.

15. A network device, comprising a communication unit and a processing unit, wherein

the processing unit is configured to:

configure control information, the control information is used to determine a

version of duplicated data to be transmitted on a granted resource, and

send, through the communication unit, the control information.

16. The network device of claim 15, wherein the control information comprises indication information, and the indication information indicates the version of the duplicated data to be transmitted on the granted resource.

17. The network device of claim 15, wherein the processing unit is further configured to:

send signaling, the signaling containing a mapping relationship between carriers and versions of the duplicated data, wherein the mapping relationship between carriers and versions of the duplicated data is used to determine the version of the duplicated data to be transmitted on the granted resource.

18. The network device of claim 17, wherein the signaling comprises Radio Resource Control (RRC) signaling or system information.

19. The network device of any one of claims 15-18, wherein the control information comprises a user equipment (UE) Identity (ID), and the UE ID is indicates a target UE of the granted resource.

20. The network device of any one of 16 or 18, wherein the control information is sidelink control information (SCI), the indication information is first bit information newly added in the SCI, and the UE ID is second bit information newly added in the SCI.