CLAIMS

1. A method for indicating protocol data unit session status, comprising:

indicating, by a terminal device, activation and/or deactivation of a protocol data unit session (PDU session) based on configuration signaling sent by a network device.

2. The method of claim 1, wherein said indicating, by a terminal device, activation and/or deactivation of a PDU session based on configuration signaling sent by a network device comprises:

indicating, by a radio resource control (RRC) layer to upper layers of the terminal device, deactivation of a first PDU session or a first group of PDU sessions when the configuration signaling indicates to deactivate the first PDU session or the first group of PDU sessions.

3. The method of claim 2, wherein before said indicating, by an RRC layer to upper layers of the terminal device, deactivation of a first PDU session or a first group of PDU sessions, the method further comprises:

releasing, by the terminal device, a data radio bearer (DRB) associated with the first PDU session or DRBs associated with the first group of PDU sessions.

4. The method of claim 1, wherein said indicating, by a terminal device, activation and/or deactivation of a PDU session based on configuration signaling sent by a network device comprises:

indicating, by an RRC layer to upper layers of the terminal device, deactivation of at least one PDU session when the terminal device releases a DRB corresponding to an identifier (ID) of a first DRB or DRBs corresponding to IDs of a first group of DRBs based on the configuration signaling such that the at least one PDU session has no DRB associated therewith, wherein the configuration signaling indicates to release the first DRB ID or the first group of DRB IDs.

5. The method of claim 4, wherein said indicating, by a terminal device, activation and/or deactivation of a PDU session based on configuration signaling sent by a network device comprises:

indicating, by the RRC layer to the upper layers of the terminal device, deactivation of a

second PDU session when the configuration signaling further indicates to deactivate the second PDU session associated with a second DRB corresponding to a second DRB ID, wherein

the second DRB ID is the same as or different from the first DRB ID, and the first DRB ID belongs to the first group of DRB IDs, or the first DRB ID does not belong to the first group of DRB IDs.

6. The method of claim 1, wherein said indicating, by a terminal device, activation and/or deactivation of a protocol data unit session (PDU session) based on configuration signaling sent by a network device comprises:

indicating, by an RRC layer to upper layers of the terminal device, activation of a third PDU session, when the configuration signaling indicates an ID of a second DRB or IDs of a second group of DRBs to be added by the terminal device, and the terminal device adds the DRB corresponding to the second DRB ID or the DRBs corresponding to the second group of DRB IDs as the first DRB(s) of the third PDU session.

7. The method of any of claims 1 to 6, wherein the configuration signaling is a radio resource control (RRC) reconfiguration message.

8. The method of claim 7, wherein the RRC reconfiguration message comprises a radio bearer configuration.

9. A terminal device, comprising:

a processing unit configured to indicate activation and/or deactivation of a protocol data unit session (PDU session) based on configuration signaling sent by a network device.

10. The terminal device of claim 9, wherein the processing unit is configured to indicate deactivation of a first PDU session or a first group of PDU sessions to upper layers when the configuration signaling indicates to deactivate the first PDU session or the first group of PDU sessions.

11. The terminal device of claim 10, wherein the processing unit is further configured to release a data radio bearer (DRB) associated with the first PDU session or release DRBs associated with the first group of PDU sessions.

12. The terminal device of claim 9, wherein the processing unit is configured to

indicate deactivation of at least one PDU session to upper layers when the processing unit releases a DRB corresponding to an identifier (ID) of a first DRB or DRBs corresponding to IDs of a first group of DRBs based on the configuration signaling such that the at least one PDU session has no DRB associated therewith, wherein the configuration signaling indicates to release the first DRB ID or the first group of DRB IDs.

13. The terminal device of claim 12, wherein when the configuration signaling further indicates to deactivate of a second PDU session associated with a second DRB corresponding to a second DRB ID, the processing unit is configured to indicate deactivation of the second PDU session to the upper layers, wherein

the second DRB ID is the same as or different from the first DRB ID, and the first DRB ID belongs to the first group of DRB IDs, or the first DRB ID does not belong to the first group of DRB IDs.

14. The terminal device of claim 9, wherein when the configuration signaling indicates an ID of a second DRB or IDs of a second group of DRBs to be added by the terminal device, and the processing unit adds the DRB corresponding to the second DRB ID or the DRBs corresponding to the second group of DRB IDs as the first DRB(s) of a third PDU session,

the processing unit is configured to indicate activation of the third PDU session to upper layers.

15. The terminal device of any of claims 9 to 14, wherein the configuration signaling is a radio resource control (RRC) reconfiguration message.

16. The terminal device of claim 15, wherein the RRC reconfiguration message comprises a radio bearer configuration.

17. A terminal device, comprising a processor and a memory for storing a computer program capable of running on the processor, wherein

the processor is configured to implement steps of the method for indicating protocol data unit session status of any of claims 1 to 8 when the computer program is run.

18. A storage medium storing an executable program which, when executed by a processor, implements the method for indicating protocol data unit session status of any of

claims 1 to 8.