

CLAIMS

1. A communication method, comprising:
receiving first configuration information; and
sending, based on the first configuration information, time information corresponding to data,
5 wherein the time information is generated based on a remaining delay budget of the data.
2. The method according to claim 1, wherein the sending, based on the first configuration
information, time information corresponding to data comprises:
when a packet data convergence protocol entity obtains the data, sending, based on the first
configuration information, the time information corresponding to the data.
- 10 3. The method according to claim 1 or 2, wherein the time information is generated based on
a difference between a delay budget of the data and the remaining delay budget of the data.
4. The method according to any one of claims 1 to 3, wherein the time information is carried
in a media access control control element (MAC CE), wherein the MAC CE comprises logical
channel group identification information.
- 15 5. The method according to claim 4, wherein the MAC CE further comprises buffer size
information.
6. The method according to any one of claims 1 to 5, wherein the method further comprises:
receiving second configuration information, wherein the second configuration information is
used to configure at least two values, and the time information indicates one of the at least two
20 values.
7. The method according to any one of claims 1 to 5, wherein the first configuration
information is used to configure at least two values, and the time information indicates one of the
at least two values.
8. The method according to any one of claims 1 to 7, wherein the first configuration
25 information is configuration information of a logical channel group.
9. The method according to any one of claims 1 to 8, wherein the remaining delay budget of
the data is:
a remaining delay budget of the data starting from the sending moment of the time
information, or
30 a remaining delay budget of the data starting from the generation moment of the time
information.
10. A communication method, comprising:
sending first configuration information, wherein the first configuration information is used to
configure sending of time information corresponding to data; and

receiving the time information corresponding to the data, wherein the time information is based on a remaining delay budget of the data.

11. The method according to claim 10, wherein the time information is based on a difference between a delay budget of the data and the remaining delay budget of the data.

5 12. The method according to claim 10 or 11, wherein the time information is carried in a media access control control element (MAC CE), wherein the MAC CE comprises logical channel group identification information.

13. The method according to claim 12, wherein the MAC CE further comprises buffer size information.

10 14. The method according to any one of claims 10 to 13, wherein the method further comprises:

sending second configuration information, wherein the second configuration information is used to configure at least two values, and the time information indicates one of the at least two values.

15 15. The method according to any one of claims 10 to 13, wherein the first configuration information is used to configure at least two values, and the time information indicates one of the at least two values.

16. The method according to any one of claims 10 to 15, wherein the first configuration information is configuration information of a logical channel group.

20 17. The method according to any one of claims 10 to 16, wherein the remaining delay budget of the data is:

a remaining delay budget of the data starting from the sending moment of the time information, or

25 a remaining delay budget of the data starting from the generation moment of the time information.

18. A communication apparatus, wherein the apparatus comprises units configured to perform the steps of the method according to any one of claims 1 to 9.

19. A communication apparatus, wherein the apparatus comprises units configured to perform the steps of the method according to any one of claims 10 to 17.

30 20. A communication apparatus, wherein the apparatus comprises a processor, the processor is coupled to a memory, and the memory stores instructions; and when the instructions are run by the processor, the processor is enabled to perform the method according to any one of claims 1 to 9.

35 21. A communication apparatus, wherein the apparatus comprises a processor, the processor is coupled to a memory, and the memory stores instructions; and when the instructions are run by

the processor, the processor is enabled to perform the method according to any one of claims 10 to 17.

22. A communication apparatus, wherein the apparatus comprises a logic circuit, and the logic circuit is configured to: be coupled to an input/output interface, and perform data transmission
5 through the input/output interface, to perform the method according to any one of claims 1 to 9.

23. A communication apparatus, wherein the apparatus comprises a logic circuit, and the logic circuit is configured to: be coupled to an input/output interface, and perform data transmission through the input/output interface, to perform the method according to any one of claims 10 to 17.

24. A computer-readable storage medium, wherein the computer-readable storage medium is
10 configured to store computer programs, and when the computer programs are run on a computer, the computer is enabled to perform the method according to any one of claims 1 to 9, or perform the method according to any one of claims 10 to 17.

25. A computer program product, wherein the computer program product comprises computer program codes, and when the computer program codes are run, the method according to any one
15 of claims 1 to 9 is implemented, or the method according to any one of claims 10 to 17 is performed.