

ABSTRACT

DOWNLINK TRANSMISSION METHOD AND COMMUNICATION APPARATUS

This application provides a downlink transmission method and a communication apparatus.

5 A session management network element obtains duration, namely, a first delay, between an expected moment at which a downlink service packet arrives at an access network element and an estimated moment at which the downlink service packet arrives at the access network element, where the expected moment at which the downlink service packet arrives at the access network element is within a first scheduling window, and a next scheduling window adjacent to the first
10 scheduling window is a downlink scheduling window. Then, the session management network element sends time adjustment information related to the first delay to a user plane network element or an application network element, where the time adjustment information is used by the user plane network element to determine a first moment at which the downlink service packet is sent or used by an application server to determine a second moment at which the downlink service
15 packet is sent, and a moment at which the downlink service packet sent by the user plane network element at the first moment or sent by the application server at the second moment arrives at the access network element is within the first scheduling window. This solution can reduce a scheduling delay on an access network element side.

20 Figure 6