

DATA TRANSMISSION METHOD AND SYSTEM, AND DEVICE AND STORAGE MEDIUM

ABSTRACT

Provided in the present application are a data transmission method and system, and a device and a storage medium. The method comprises: a first device acquiring a plurality of types of data that the first device requires to send to a second device, and according to a plurality of transmission priorities corresponding to the plurality of types of data, correspondingly caching the plurality of types of data into queues respectively corresponding to the plurality of transmission priorities; and in response to a current scheduling period being started, according to a network quality index value of a transmission link between the first device and the second device, determining a duration of the current scheduling period and an amount of data, which requires to be transmitted within the current scheduling period, and according to the transmission priorities respectively corresponding to the plurality of queues, acquiring, from the plurality of queues, data that does not exceed the amount of data, so as to send the data to the second device within the duration. On the basis of a network condition of a transmission link between a client and a cloud server, transmissions of data with different transmission priorities between the client and the cloud server are dynamically scheduled, thereby improving a bandwidth utilization rate, and ensuring the user experience.

FIG. 1