

ABSTRACT

According to embodiments of the present disclosure, a method, apparatus, device and storage medium for managing traffic data of a client application is provided. The method described herein comprises: detecting a transmission of user data of a target user from the client application to a server; analyzing the traffic data of the transmission at different layers of the transmission based on types of the traffic data; and in accordance with a determination that the analysis indicates that the traffic data satisfies a data exchange constraint corresponding to the target user, transmitting the traffic data to a server in compliance with the data exchange constraint. In this way, by analyzing the traffic data at different layers of the transmission and restricting traffic data that does not satisfy the data exchange constraint, it is possible to effectively prevent user data from being transmitted to unauthorized servers via various types of traffic data.

(Fig. 4A)