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(54) Title: METHOD AND APPARATUS FOR MANAGING NETWORK TRAFFIC OF CLIENT APPLICATION

(54) 发明名称: 管理客户端应用的网络流量的方法和装置

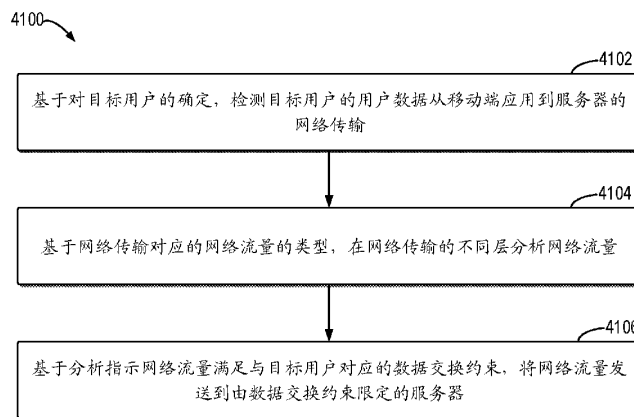


图 4A

- 4102 On the basis of determination on a target user, detect network transmission of user data of the target user from a client application to a server
- 4104 On the basis of the type of network traffic corresponding to the network transmission, analyze network traffic at different layers of the network transmission
- 4106 On the basis that the analysis indicates that the network traffic satisfies a data exchange constraint corresponding to the target user, send the network traffic to a server defined by the data exchange constraint

(57) Abstract: Provided are a method and apparatus for managing network traffic of a client application, a device, and a storage medium. The described method comprises: on the basis of determination on a target user, detecting network transmission of user data of the target user from a client application to a server; on the basis of the type of network traffic corresponding to the network transmission, analyzing network traffic at different layers of the network transmission; and, on the basis that the analysis indicates that the network traffic satisfies a data exchange constraint corresponding to the target user, sending the network traffic to a server defined by the data

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exchange constraint. By using said means, by means of, on the basis of the type of network traffic, analyzing and defining network traffic that does not satisfy a data exchange constraint among network traffic at different layers of network transmission, user data can be effectively prevented from being transmitted to an unallowed server by means of various types of network traffic.

(57) 摘要: 在此提供了一种管理客户端应用的网络流量的方法、装置、设备和存储介质。这里描述的方法包括: 基于对目标用户的确定, 检测目标用户的用户数据从客户端应用到服务器的网络传输; 基于网络传输对应的网络流量的类型, 在网络传输的不同层分析网络流量; 以及基于分析指示网络流量满足与目标用户对应的数据交换约束, 将网络流量发送到由数据交换约束限定的服务器。以此方式, 通过基于网络流量的类型在网络传输的不同层分析和限制网络流量中不满足数据交换约束的网络流量, 可以有效地防止用户数据经由各种类型的网络流量传输到未经允许的服务器。