

METHOD, SYSTEM, AND APPARATUS FOR GENERATING KEY FOR INTER-DEVICE COMMUNICATION

ABSTRACT

This application provides a method, system, and apparatus for generating a key for inter-
5 device communication. The method includes: First user equipment generates a first temporary
identifier based on a first key; the first user equipment sends a first request to second user
equipment, where the first request is used to establish a communication connection between the
first user equipment and the second user equipment, and the first request includes the first
temporary identifier and a relay service code; and the first user equipment generates a shared key
10 based on a second key and the relay service code, where the shared key is used to protect the
communication connection between the first user equipment and the second user equipment.
According to the method, system, and apparatus for generating a key for inter-device
communication in embodiments of this application, the key for inter-device communication is
generated, so that a secure communication connection is dynamically established between user
15 equipments.

Fig. 3