

ABSTRACT

A method and system for tunneling traffic in a distributed network are provided. The method comprising: adding, by a central server, at least one emitter and at least one gateway to a neighbor table hosted on the at least one central server; transmitting an IP address of a given emitter to a respective gateway; transmitting an IP address of the respective gateway to the given emitter; in response to receiving a given packet of outgoing traffic from the given emitter, decapsulating the given packet; identifying at the WireGuard level of the given packet, the IP address of the respective gateway associated with the given emitter; encapsulating the given packet at the WireGuard level and the GRE level; and forwarding the given packet of outgoing traffic to the respective gateway for natting for transmitting the given packet to an external server on behalf of the respective gateway.

Fig. 1