Technology of Location Hiding by Spoofing the Mobile Operator IP Address

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Abstract

This paper discusses the issues of hiding geolocation when sending messages on social networks, holding teleconferences, and sending emails. Single-board computers were used to form the experimental setup. One was equipped with an access point and a SIP server, and the other was running a SIP client. The system was tested with different audio codecs. We also checked the substitution of geo-location when working in social networks. In addition, the issues of choosing the optimal codec for SIP clients and the key length are considered. © 2021 UkrMiCo.

Author keywords

geolocation; location hiding; SIP; spoofing

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