

ABSTRACT

To solve the crime in GSM communication network hacking that aims to obtain GSM communication data, Will be analyzed GSM data security weakness. In this analyzing, It will required a special program called Kraken, this program wil be used to find the chiper key (Kc) from GSM data. To generate kraken, it will required 40 data rainbow table which is a collection of 90% Kc and also adequate hardware. Kraken will read 40 data and rewrite it in raw form and this raw data will being the master file in search for Kc GSM data. This analyzing is aimed at GSM network users who have not moved to a secure communications network. From the results of this analyzing, it can be concluded that 40 data rainbow table is a collection of chiper key GSM and GSM network has a weakness that is on the users data encryption.

Keywords: GSM, Chiper Key, Rainbow Table, Analyzing