Abstract

The intensifying growth of the internet and machinery whether its mobile or computer technology has brought countless good and proficient things for people such as E-commerce, E-mail, Cloud Computing, Data Sharing, Application and many more but there are also a dark and unseen sides of it such as Network Hacks, Computer hacks, Mobile Breach, Backdoors etc. In today’s era, Cybercrime been one of the communal practices made by the computer specialists and is growing swiftly in numbers. Network monitoring performance of mobiles or computer are becoming increasingly significant for the security protection within today’s organizational, ISP and carriers. There are the numerous tools which are available for network analysis, packet analysis such as Wireshark, Netresec, Termux. In this paper propose system is about an application idea through which user can analyze the network traffic, detect malicious packet, MAC spoofing, ARP spoofing, protocol filtering. Which will assist the user to identify the malicious packet that can cause damage to user’s assets.
References

SPA: A Smart Packet Analyzer for Network Traffic Analysis on Smartphones


Index Terms

Computer Science

Networks

Keywords

Android, Network Monitoring, Packet Analysis, Termux, Wireshark.