ABSTRACT

Penetration testing is an action or behavior in which the testing of a system. The purpose is to get a security hole in a system, which is certainly beneficial to the owner or manufacturer of the system. In this final project it will implement Kali NetHunter which is platform on Android device as the main device of penetration testing. The attack uses the BadUSB MITM Attack method, which requires hardware specifications such as smartphone type nexus or other smartphones that support with ROM times nethunter. Also requires a laptop that will become a victim or client and of course a USB cable to connect smartphones and laptops. While in terms of software project needs this time requires the installer or ISO times nethunter, wireshark, some kind of browser software or tools that will later support in doing penetration testing. Penetration test results are among others can be the implementation of BadUSB MITM attack, can mengcapture network traffic and get credential data or important information victims such as username and password of a website accessed.

Keyword : Penetration Test, Kali NetHunter, BadUSB MITM Attack