

ABSTRACT

Lab. Jarkom Faculty of Applied Science Telkom University requires a web server penetration test tool that cheaper than a desktop PC and can be use as a cluster with high scalability. This penetration test tool will be used to help test the final projects that created by the students

In this final project, be built cluster using raspberry pi 2 with Kali linux operating system to be a penetration test tools. The raspberry pi character make better scalability while requiring penetration test tool that using 3 methods, enumeration, Man-In-The-Middle (MITM) attack and Distributed Denial of Service (DDOS) using Kali Linux operating system for Raspberry PI 2.

The conclusion of this final project was able to build and prove web server penetration test tool is capable to attack with 3 methods, enumeration, Man-In-The-Middle (MITM) attack and Distributed Denial of Service (DDOS) using Kali Linux operating system for Raspberry PI 2.

Key word : Penetration Test, Raspberry PI, Lab. Jarkom FIT Telkom University.