

ABSTRACT

An increase in internet crime is very bad for the security of the data or information on the internet. The impact occurs such as loss of data or information, destruction of important data, manipulation of data, and damage on the network. In order to resolve that issue, a system that can detect and prevent malicious activity on the network is needed. That system is Untangle. Untangle is a linux-based operating system which can perform the function of intrusion prevention system that is useful for the network security. Untangle has a feature functioning to block network traffic in case of an attack as well as to provide notification and report to admin via email. The test result, Untangle can detect and prevent or block malicious activity from attacker and send attack information via email to the admin.

Keywords: Network Security, Intrusion Prevention System, Untangle