ABSTRACT

Network security issues increasingly becoming a concern due to the increasing number of emerging tools and techniques used by someone illegally to entered into the system or paralyze the existing system illegally. Besides gaps and no security system that protects the system makes the system vulnerable to attack.

IDS is one technique that can be used in network security. IDS can detect attacks in real time. By building IDS, can help administrators detect attacks on computer networks

This final task is structured to conduct research on some kind of attack that is often the case, so it can help ward off hacker attacks carried out against the system. Snort uses in this research and based on signature-based rule. In this study, the authors successfully detect all attacks that tested and the value is 1, means the detection goes well.

Keyword : Network security, vulnerability, Intrusion detection system, SNORT , IDS