

ABSTRACT

Development of information technology today become faster, this makes network security become important. Increasing number of computers that are connected making a lot of gaps in a network. An administrator has an important role in protecting the security of the network. The problem comes when an administrator having human problems such as pain, negligence, tired while at the same time need the rapid information when there is an intrusion on the network.

This problem can be solved by adding data traffic detection system known as Intrusion Detection System (IDS). IDS will be connected to Mail Gateway until that administrators can receive notifications such as alerts during an intrusion to the network anytime and anywhere.

In this thesis, the author tries to do analysis and testing on the subjects above so as to produce a system capable of detecting the intruder in a network that are mobile. Information can quickly get to the administrator via warning notices so administrators do not have to always be in front of their computer to monitor the network.

Keyword: IDS, Gateway, monitoring, network, administrators