

ABSTRACT

Intrusion Detection System used to protect system, analyze and predict computer activity. The activity is dividing into normal and intrusion. Cyber Threats is already familiar in this era, so the need of security system get increase. The solution from that problem is intrusion detection system. There are two approach to detect the intrusion, anomaly detection and misuse detection. This research will examine misuse detection. Misuse detection work when the path are knowing, before make a classification. Misuse detection only detect the knowing path. To make a classification used Support Vector Machines method. This method effective to reduce data space, because SVM is not depending to size of space. Result from this research are analysis performance based on given parameter.

Keywords : *Intrusion Detection System, Misuse Detection, Support Vector Machines*