ABSTRACT

Internet is a big connection to connect the user from around the world to do interact with the other users. With internet we can do many thing such as Browsing, Download & Upload files, video or sound call with the other users. But the emergence of internet can be a negative thing by using the internet as a tool to commit a crime. BOTNET (Robot Network) is one example to commit a crime with internet, BOTNET have various types and BOTNET DDoS (Distributed Denial of Service) is one of them. BOTNET DDoS will do many types of attack which is traffic flooding from many protocol (UDP, TCP, ICMP, etc.), with different purposes to flood the Bandwidth, make a server more busy causing that server is weak, and then the server will shutdown or restart.

In this final project discussed about how to modelling BOTNET (Robot Network) on the Network Simulator (NS). BOTNET DDoS used were 5, and must different on any kind of attack.

The result of this final project is a trace file that have been extracted using a feature from KDDCup and then the file will be the input to do the classification.

Key Word : BOTNET, DDoS