

# Abstract

This project presents an analysis on two different datasets – KDDCUP99 and own generated, containing attack information on targeted servers. To generate our own dataset, we prepare test-bed and accordingly we used DDoS simulator. We apply K-means clustering algorithm to generate normal and anomaly clusters. At First, the clustering is done on KDDCUP feature based dataset. Next, our own generated dataset is converted into feature based dataset and used the same algorithm to identify anomaly clusters from normal. Then the detection rate is computed to check the efficiency of the algorithm and found satisfactory.