**Anomaly Based Intrusion Detection System for Cloud**

In this week, we explored CloudSim simulator and learned how cloud environment can be established using CloudSim. But as no security related classes are available so we have decided to make our own classes.

We looked for various other packages…like…where we can make changes or use them to strengthen the working of our IDS.

Probably we can write something about google’s safe brower API

We are planning to monitor port no 80…as HTTP Get and Port packet passes through them, we will check the url and send it to google api..safe browrosing api

We have finalized cosine similarity measure as the similarity metric to be used in our project. We have decided to examine EventID, UserID and Time parameters of the log as the attributes required to detect the anomalous behaviour. And we are further analyzing VM log as well as Windows log and simultaneously listing the events that we will possibly be implementing as attacks.

Amala Thampi

Geeta

Nikita Jain

Nishtha Behal

Yashika Jain