**Report on Apache Flume(Midterm)**

In the papers given for mid term I worked on the apache flume. Here in flume we need to create flume agent for loading the events or log files into the corresponding destination. The apache flume basically consists of the source, channel and the memory. The sources that are supported by flume are Avro, Netcat, Syslog and Thrift. So, in these sources I selected netcat as my source for analyzing the events that are being generated from the localhost and those events are displayed in the console of hdfs. For configuring that agent(a1) I used the file example.conf. And i am also sending that configuration file to you. Here I used the source as netcat, host as localhost and channel as memory. For sending the events I used the port number as 44444.  The agent a1 from the source listens for data on port 44444, a channel that buffers event data in memory, and a sink that logs event data to the console. The configuration file names the various components, then describes their types and configuration parameters. A given configuration file might define several named agents; when a given Flume process is launched a flag is passed telling it which named agent to invoke. I also got the results and I am sending those screenshots of the results.