Performance Test Plan

Install YCSB

1. Switch to hduser-
    sudo su – hduser

2. Download YCSB-curl -O –location
    https://github.com/brianfrankcooper/YCSB/releases/download/0.11.0/ycsb-0.11.0.tar.gz

3. Untar the zip file-
    tar xfvz ycsb-0.11.0.tar.gz

Configure Testharness tool

1. Using pscp, copy the testharness zip from local to the server-

    pscp -i /path/to/the/.ppk/file \path\of\testharness\ ubuntu@ip:/home/hduser/

2. After copying, in the runtest.sh file modify the YCSB_HOME path to-
    YCSB_HOME=/home/hduser/ycsb-0.11.0

3. Ensure the output directory exist under YCSB_HOME, if not create a directory
    cd /home/hduser/ycsb-0.11.0
    mkdir output

4. For MongoDB, in the file usertableClear.js use lowercase ycsb.

Opcounts-
For this test we will be using following wordcounts-
200000, 400000, 600000,800000

Workloads-
We will use workloada and workloadf. Workloada is having 50% read operations and 50% update operations where workloadf is having 50% read operations and 50% read/write/modify operations.

TestDbs-
Modify the file testdbs.txt with the databases on which we want to run the test. In this project we will add mongodb and cassandra2-cql databases.