

Server Environment	
Node number	4
CPU	4*4 Intel(R) Xeon(R) CPU E5620 @ 2.40GHz
Disk	11*2T SATA Disk
Memory	48GB
HBase Environment	
Version	Trunk, r1213487
HBase:	Hostname: data5, data6, data7, data8 data5: master, zookeeper, regionserver data6: regionserver, zookeeper data7: regionserver, zookeeper data8: regionserver
HDFS:	Data5: namenode, datanode data6: datanode data7: datanode data8: datanode

Note: YCSB source code was modified to output throughput each four seconds instead of ten seconds.

## Test One:

Table Priority:

TableName	TablePri	PutPri	GetPri	DelPri	ScanPri
ta	1	0	0	0	0
tb	5	0	0	0	0
tc	10	0	0	0	0

YCSB Command:

```
java -cp "build/ycsb.jar:db/hbase/lib/*:db/hbase/conf/" com.yahoo.ycsb.Client -t -db
com.yahoo.ycsb.db.HBaseClient -P workloads/priority -p table=ta -p columnfamily=f -p
operationcount=400000 -threads 50 -s
```

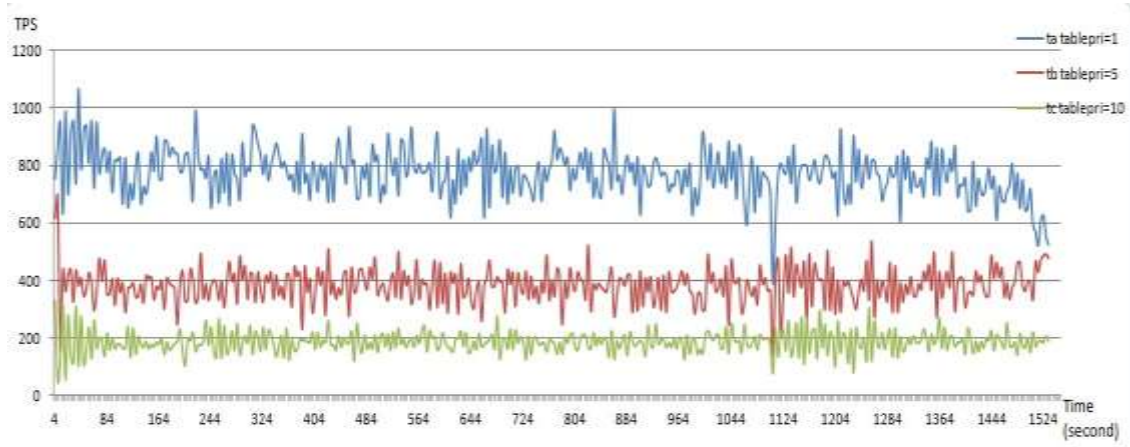
There are nine YCSB processes running on three servers, three processes for each table.

Workload:

```
recordcount=10000000
operationcount=250000
workload=com.yahoo.ycsb.workloads.CoreWorkload
readallfields=true
readproportion=0
updateproportion=0
scanproportion=0.5
insertproportion=0.5
```

```
requestdistribution=uniform
maxscanlength=150
scanlengthdistribution=uniform
```

Throughput chart (data for 1500 seconds)



## Test Two:

1. Through put of two tables with different priorities

We start and stop the work load for different table in different time to see if there is influence between each other.

TableName	TablePri	PutPri	GetPri	DelPri	ScanPri
ta	1	0	0	0	0
tb	5	0	0	0	0

YCSB Command:

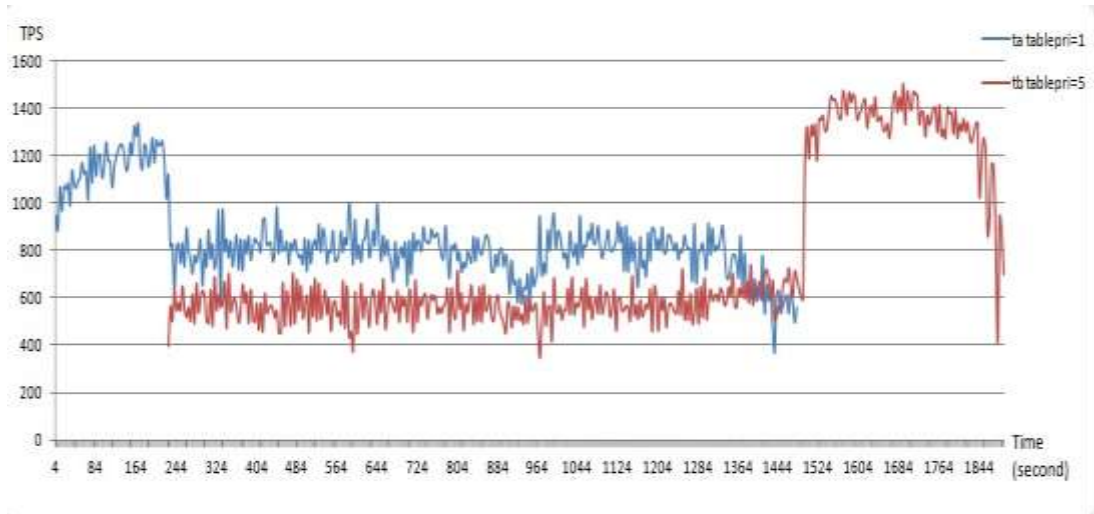
```
java -cp "build/ycsb.jar:db/hbase/lib/*:db/hbase/conf/" com.yahoo.ycsb.Client -t -db
com.yahoo.ycsb.db.HBaseClient -P workloads/priority -p table=ta -p columnfamily=f -p
operationcount=400000 -threads 80 -s
```

There ten processes and five for each table.

Workload:

```
recordcount=10000000
operationcount=250000
workload=com.yahoo.ycsb.workloads.CoreWorkload
readallfields=true
readproportion=0
updateproportion=0
scanproportion=0.5
insertproportion=0.5
requestdistribution=uniform
maxscanlength=150
scanlengthdistribution=uniform
```

Thought chart:



## Test Three:

The same with test two, adjust table "tc"'s priority from 5 to 10 (to lower priority).

Table Priority:

TableName	TablePri	PutPri	GetPri	DelPri	ScanPri
ta	1	0	0	0	0
tc	10	0	0	0	0

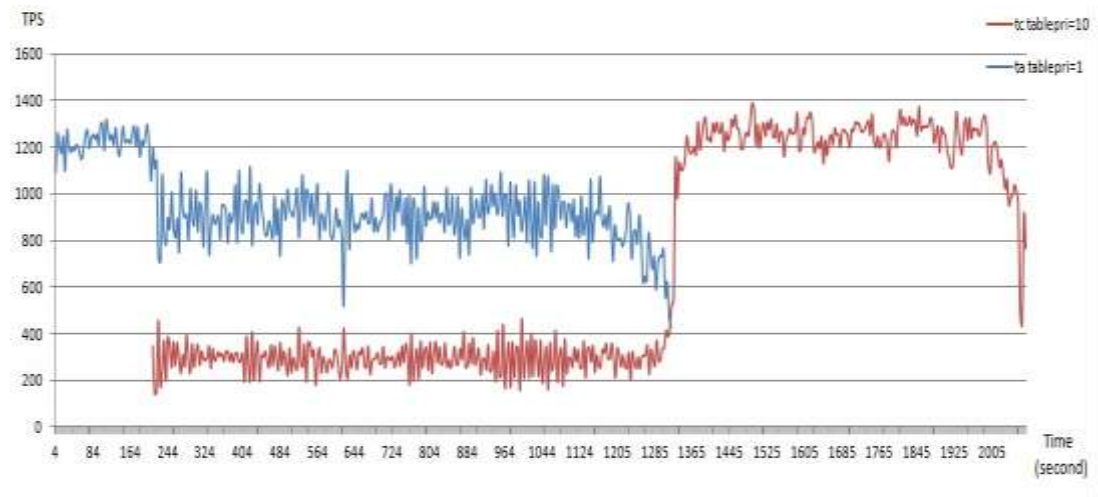
YCSB Command:

```
java -cp "build/ycsb.jar:db/hbase/lib/*:db/hbase/conf/" com.yahoo.ycsb.Client -t -db
com.yahoo.ycsb.db.HBaseClient -P workloads/priority -p table=ta -p columnfamily=f -p
operationcount=400000 -threads 80 -s
```

Workload:

```
recordcount=10000000
operationcount=250000
workload=com.yahoo.ycsb.workloads.CoreWorkload
readallfields=true
readproportion=0
updateproportion=0
scanproportion=0.5
insertproportion=0.5
requestdistribution=uniform
maxscanlength=150
scanlengthdistribution=uniform
```

Thought chart:

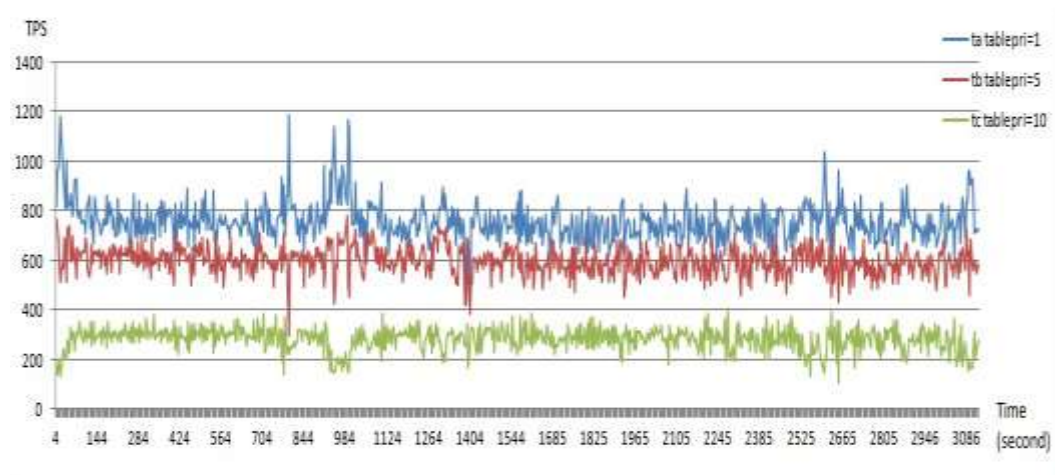


Note: Work loads of two tables start and stop at different time.

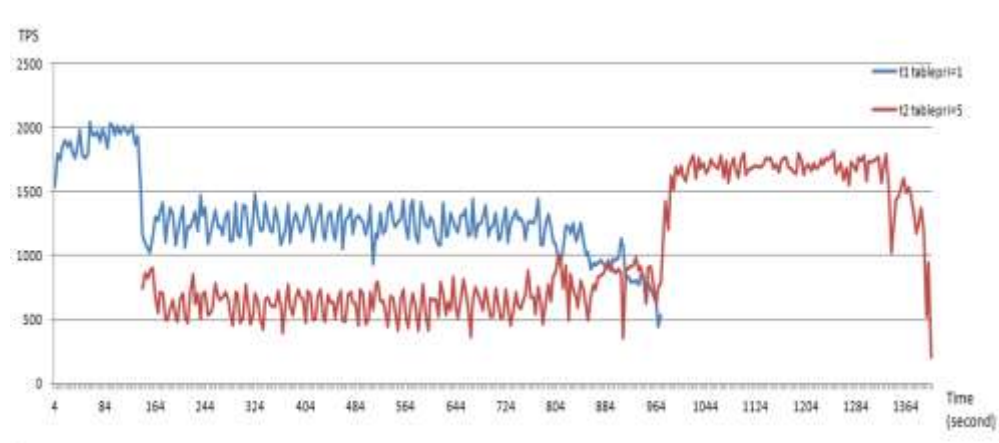
**There some tests using HBase.0.90.4. Test procedure and work load are the same with the above tests.**

Server Environment	
Node number	4
CPU	4*4 Intel(R) Xeon(R) CPU E5620 @ 2.40GHz
Disk	11*2T SATA Disk
Memory	48GB
HBase Environment	
Version	0.90.4 release
HBase:	Hostname: data5, data6, data7, data8 data5: master, zookeeper, regionserver data6: regionserver, zookeeper data7: regionserver, zookeeper data8: regionserver
HDFS:	Data5: namenode, datanode data6: datanode data7: datanode data8: datanode

## Test One:



## Test Two:



## Test Three:

