log4j:WARN Please initialize the log4j system properly.

log4j:WARN See http://logging.apache.org/log4j/1.2/faq.html#noconfig for more info.

Starting test.

WARNING: An illegal reflective access operation has occurred

WARNING: Illegal reflective access by org.apache.hadoop.security.authentication.util.KerberosUtil (file:/home/hduser/ycsb-0.15.0/hbase14-binding/lib/hbase-shaded-client-1.4.2.jar) to method sun.security.krb5.Config.getInstance()

WARNING: Please consider reporting this to the maintainers of org.apache.hadoop.security.authentication.util.KerberosUtil

WARNING: Use --illegal-access=warn to enable warnings of further illegal reflective access operations

WARNING: All illegal access operations will be denied in a future release

DBWrapper: report latency for each error is false and specific error codes to track for latency are: []

[OVERALL], RunTime(ms), 338173

[OVERALL], Throughput(ops/sec), 1478.5331768059543

[TOTAL\_GCS\_G1\_Young\_Generation], Count, 220

[TOTAL\_GC\_TIME\_G1\_Young\_Generation], Time(ms), 575

[TOTAL\_GC\_TIME\_%\_G1\_Young\_Generation], Time(%), 0.17003131533268476

[TOTAL\_GCS\_G1\_Old\_Generation], Count, 0

[TOTAL\_GC\_TIME\_G1\_Old\_Generation], Time(ms), 0

[TOTAL\_GC\_TIME\_%\_G1\_Old\_Generation], Time(%), 0.0

[TOTAL\_GCs], Count, 220

[TOTAL\_GC\_TIME], Time(ms), 575

[TOTAL\_GC\_TIME\_%], Time(%), 0.17003131533268476

[READ], Operations, 475004

[READ], AverageLatency(us), 637.8748831588787

[READ], MinLatency(us), 107

[READ], MaxLatency(us), 3903487

[READ], 95thPercentileLatency(us), 830

[READ], 99thPercentileLatency(us), 3295

[READ], Return=OK, 475004

[CLEANUP], Operations, 2

[CLEANUP], AverageLatency(us), 315017.0

[CLEANUP], MinLatency(us), 18

[CLEANUP], MaxLatency(us), 630271

[CLEANUP], 95thPercentileLatency(us), 630271

[CLEANUP], 99thPercentileLatency(us), 630271

[UPDATE], Operations, 24996

[UPDATE], AverageLatency(us), 1147.991638662186

[UPDATE], MinLatency(us), 354

[UPDATE], MaxLatency(us), 8495103

[UPDATE], 95thPercentileLatency(us), 1363

[UPDATE], 99thPercentileLatency(us), 4523

[UPDATE], Return=OK, 24996

hduser@x18104053-dsmprojb:~/testharness$ clear

hduser@x18104053-dsmprojb:~/testharness$ sudo nano opcounts.txt

[sudo] password for hduser:

hduser@x18104053-dsmprojb:~/testharness$ ./runtest.sh 400000B

DATABASE: hbase14

WORKLOAD: workloada

OPCOUNT: 400000

clear down

hbase14

HBase Shell

Use "help" to get list of supported commands.

Use "exit" to quit this interactive shell.

Version 1.4.8, r91118ce5f10fb4efa03cc8c5a47c7ce97175e85e, Tue Oct 2 11:48:24 PDT 2018

truncate 'usertable'

Truncating 'usertable' table (it may take a while):

- Disabling table...

- Truncating table...

0 row(s) in 21.2890 seconds

Running load phase

hbase14

java -cp /home/hduser/ycsb-0.15.0/hbase14-binding/conf:/home/hduser/ycsb-0.15.0/conf:/home/hduser/ycsb-0.15.0/lib/HdrHistogram-2.1.4.jar:/home/hduser/ycsb-0.15.0/lib/core-0.15.0.jar:/home/hduser/ycsb-0.15.0/lib/jackson-core-asl-1.9.4.jar:/home/hduser/ycsb-0.15.0/lib/jackson-mapper-asl-1.9.4.jar:/home/hduser/ycsb-0.15.0/lib/htrace-core4-4.1.0-incubating.jar:/home/hduser/ycsb-0.15.0/hbase14-binding/lib/findbugs-annotations-1.3.9-1.jar:/home/hduser/ycsb-0.15.0/hbase14-binding/lib/htrace-core-3.1.0-incubating.jar:/home/hduser/ycsb-0.15.0/hbase14-binding/lib/log4j-1.2.17.jar:/home/hduser/ycsb-0.15.0/hbase14-binding/lib/commons-logging-1.2.jar:/home/hduser/ycsb-0.15.0/hbase14-binding/lib/hbase-shaded-client-1.4.2.jar:/home/hduser/ycsb-0.15.0/hbase14-binding/lib/slf4j-api-1.7.25.jar:/home/hduser/ycsb-0.15.0/hbase14-binding/lib/hbase10-binding-0.15.0.jar:/home/hduser/ycsb-0.15.0/hbase14-binding/lib/slf4j-log4j12-1.7.7.jar:/home/hduser/ycsb-0.15.0/hbase14-binding/lib/hbase14-binding-0.15.0.jar com.yahoo.ycsb.Client -db com.yahoo.ycsb.db.hbase14.HBaseClient14 -P /home/hduser/ycsb-0.15.0/workloads/workloada -p table=usertable -p columnfamily=family -p recordcount=400000 -p operationcount=400000 -load

Command line: -db com.yahoo.ycsb.db.hbase14.HBaseClient14 -P /home/hduser/ycsb-0.15.0/workloads/workloada -p table=usertable -p columnfamily=family -p recordcount=400000 -p operationcount=400000 -load

YCSB Client 0.15.0

Loading workload...

log4j:WARN No appenders could be found for logger (org.apache.htrace.core.Tracer).

log4j:WARN Please initialize the log4j system properly.

log4j:WARN See http://logging.apache.org/log4j/1.2/faq.html#noconfig for more info.

Starting test.

WARNING: An illegal reflective access operation has occurred

WARNING: Illegal reflective access by org.apache.hadoop.security.authentication.util.KerberosUtil (file:/home/hduser/ycsb-0.15.0/hbase14-binding/lib/hbase-shaded-client-1.4.2.jar) to method sun.security.krb5.Config.getInstance()

WARNING: Please consider reporting this to the maintainers of org.apache.hadoop.security.authentication.util.KerberosUtil

WARNING: Use --illegal-access=warn to enable warnings of further illegal reflective access operations

WARNING: All illegal access operations will be denied in a future release

DBWrapper: report latency for each error is false and specific error codes to track for latency are: []

[OVERALL], RunTime(ms), 235985

[OVERALL], Throughput(ops/sec), 1695.0229887492849

[TOTAL\_GCS\_G1\_Young\_Generation], Count, 282

[TOTAL\_GC\_TIME\_G1\_Young\_Generation], Time(ms), 632

[TOTAL\_GC\_TIME\_%\_G1\_Young\_Generation], Time(%), 0.267813632222387

[TOTAL\_GCS\_G1\_Old\_Generation], Count, 0

[TOTAL\_GC\_TIME\_G1\_Old\_Generation], Time(ms), 0

[TOTAL\_GC\_TIME\_%\_G1\_Old\_Generation], Time(%), 0.0

[TOTAL\_GCs], Count, 282

[TOTAL\_GC\_TIME], Time(ms), 632

[TOTAL\_GC\_TIME\_%], Time(%), 0.267813632222387

[CLEANUP], Operations, 2

[CLEANUP], AverageLatency(us), 2206733.0

[CLEANUP], MinLatency(us), 26

[CLEANUP], MaxLatency(us), 4415487

[CLEANUP], 95thPercentileLatency(us), 4415487

[CLEANUP], 99thPercentileLatency(us), 4415487

[INSERT], Operations, 400000

[INSERT], AverageLatency(us), 570.2783

[INSERT], MinLatency(us), 338

[INSERT], MaxLatency(us), 2162687

[INSERT], 95thPercentileLatency(us), 717

[INSERT], 99thPercentileLatency(us), 969

[INSERT], Return=OK, 400000

Running run phase

hbase14

java -cp /home/hduser/ycsb-0.15.0/hbase14-binding/conf:/home/hduser/ycsb-0.15.0/conf:/home/hduser/ycsb-0.15.0/lib/HdrHistogram-2.1.4.jar:/home/hduser/ycsb-0.15.0/lib/core-0.15.0.jar:/home/hduser/ycsb-0.15.0/lib/jackson-core-asl-1.9.4.jar:/home/hduser/ycsb-0.15.0/lib/jackson-mapper-asl-1.9.4.jar:/home/hduser/ycsb-0.15.0/lib/htrace-core4-4.1.0-incubating.jar:/home/hduser/ycsb-0.15.0/hbase14-binding/lib/findbugs-annotations-1.3.9-1.jar:/home/hduser/ycsb-0.15.0/hbase14-binding/lib/htrace-core-3.1.0-incubating.jar:/home/hduser/ycsb-0.15.0/hbase14-binding/lib/log4j-1.2.17.jar:/home/hduser/ycsb-0.15.0/hbase14-binding/lib/commons-logging-1.2.jar:/home/hduser/ycsb-0.15.0/hbase14-binding/lib/hbase-shaded-client-1.4.2.jar:/home/hduser/ycsb-0.15.0/hbase14-binding/lib/slf4j-api-1.7.25.jar:/home/hduser/ycsb-0.15.0/hbase14-binding/lib/hbase10-binding-0.15.0.jar:/home/hduser/ycsb-0.15.0/hbase14-binding/lib/slf4j-log4j12-1.7.7.jar:/home/hduser/ycsb-0.15.0/hbase14-binding/lib/hbase14-binding-0.15.0.jar com.yahoo.ycsb.Client -db com.yahoo.ycsb.db.hbase14.HBaseClient14 -P /home/hduser/ycsb-0.15.0/workloads/workloada -p table=usertable -p columnfamily=family -p recordcount=400000 -p operationcount=400000 -t

Command line: -db com.yahoo.ycsb.db.hbase14.HBaseClient14 -P /home/hduser/ycsb-0.15.0/workloads/workloada -p table=usertable -p columnfamily=family -p recordcount=400000 -p operationcount=400000 -t

YCSB Client 0.15.0

Loading workload...

log4j:WARN No appenders could be found for logger (org.apache.htrace.core.Tracer).

log4j:WARN Please initialize the log4j system properly.

log4j:WARN See http://logging.apache.org/log4j/1.2/faq.html#noconfig for more info.

Starting test.

WARNING: An illegal reflective access operation has occurred

WARNING: Illegal reflective access by org.apache.hadoop.security.authentication.util.KerberosUtil (file:/home/hduser/ycsb-0.15.0/hbase14-binding/lib/hbase-shaded-client-1.4.2.jar) to method sun.security.krb5.Config.getInstance()

WARNING: Please consider reporting this to the maintainers of org.apache.hadoop.security.authentication.util.KerberosUtil

WARNING: Use --illegal-access=warn to enable warnings of further illegal reflective access operations

WARNING: All illegal access operations will be denied in a future release

DBWrapper: report latency for each error is false and specific error codes to track for latency are: []

[OVERALL], RunTime(ms), 265871

[OVERALL], Throughput(ops/sec), 1504.4890191107718

[TOTAL\_GCS\_G1\_Young\_Generation], Count, 237

[TOTAL\_GC\_TIME\_G1\_Young\_Generation], Time(ms), 606

[TOTAL\_GC\_TIME\_%\_G1\_Young\_Generation], Time(%), 0.22793008639528192

[TOTAL\_GCS\_G1\_Old\_Generation], Count, 0

[TOTAL\_GC\_TIME\_G1\_Old\_Generation], Time(ms), 0

[TOTAL\_GC\_TIME\_%\_G1\_Old\_Generation], Time(%), 0.0

[TOTAL\_GCs], Count, 237

[TOTAL\_GC\_TIME], Time(ms), 606

[TOTAL\_GC\_TIME\_%], Time(%), 0.22793008639528192

[READ], Operations, 200139

[READ], AverageLatency(us), 687.027216084821

[READ], MinLatency(us), 105

[READ], MaxLatency(us), 1845247

[READ], 95thPercentileLatency(us), 933

[READ], 99thPercentileLatency(us), 3655

[READ], Return=OK, 200139

[CLEANUP], Operations, 2

[CLEANUP], AverageLatency(us), 1031439.0

[CLEANUP], MinLatency(us), 30

[CLEANUP], MaxLatency(us), 2063359

[CLEANUP], 95thPercentileLatency(us), 2063359

[CLEANUP], 99thPercentileLatency(us), 2063359

[UPDATE], Operations, 199861

[UPDATE], AverageLatency(us), 603.6050154857626

[UPDATE], MinLatency(us), 304

[UPDATE], MaxLatency(us), 333055

[UPDATE], 95thPercentileLatency(us), 963

[UPDATE], 99thPercentileLatency(us), 1413

[UPDATE], Return=OK, 199861

WORKLOAD: workloadb

OPCOUNT: 400000

clear down

hbase14

HBase Shell

Use "help" to get list of supported commands.

Use "exit" to quit this interactive shell.

Version 1.4.8, r91118ce5f10fb4efa03cc8c5a47c7ce97175e85e, Tue Oct 2 11:48:24 PDT 2018

truncate 'usertable'

Truncating 'usertable' table (it may take a while):

- Disabling table...

- Truncating table...

0 row(s) in 14.6430 seconds

Running load phase

hbase14

java -cp /home/hduser/ycsb-0.15.0/hbase14-binding/conf:/home/hduser/ycsb-0.15.0/conf:/home/hduser/ycsb-0.15.0/lib/HdrHistogram-2.1.4.jar:/home/hduser/ycsb-0.15.0/lib/core-0.15.0.jar:/home/hduser/ycsb-0.15.0/lib/jackson-core-asl-1.9.4.jar:/home/hduser/ycsb-0.15.0/lib/jackson-mapper-asl-1.9.4.jar:/home/hduser/ycsb-0.15.0/lib/htrace-core4-4.1.0-incubating.jar:/home/hduser/ycsb-0.15.0/hbase14-binding/lib/findbugs-annotations-1.3.9-1.jar:/home/hduser/ycsb-0.15.0/hbase14-binding/lib/htrace-core-3.1.0-incubating.jar:/home/hduser/ycsb-0.15.0/hbase14-binding/lib/log4j-1.2.17.jar:/home/hduser/ycsb-0.15.0/hbase14-binding/lib/commons-logging-1.2.jar:/home/hduser/ycsb-0.15.0/hbase14-binding/lib/hbase-shaded-client-1.4.2.jar:/home/hduser/ycsb-0.15.0/hbase14-binding/lib/slf4j-api-1.7.25.jar:/home/hduser/ycsb-0.15.0/hbase14-binding/lib/hbase10-binding-0.15.0.jar:/home/hduser/ycsb-0.15.0/hbase14-binding/lib/slf4j-log4j12-1.7.7.jar:/home/hduser/ycsb-0.15.0/hbase14-binding/lib/hbase14-binding-0.15.0.jar com.yahoo.ycsb.Client -db com.yahoo.ycsb.db.hbase14.HBaseClient14 -P /home/hduser/ycsb-0.15.0/workloads/workloadb -p table=usertable -p columnfamily=family -p recordcount=400000 -p operationcount=400000 -load

Command line: -db com.yahoo.ycsb.db.hbase14.HBaseClient14 -P /home/hduser/ycsb-0.15.0/workloads/workloadb -p table=usertable -p columnfamily=family -p recordcount=400000 -p operationcount=400000 -load

YCSB Client 0.15.0

Loading workload...

log4j:WARN No appenders could be found for logger (org.apache.htrace.core.Tracer).

log4j:WARN Please initialize the log4j system properly.

log4j:WARN See http://logging.apache.org/log4j/1.2/faq.html#noconfig for more info.

Starting test.

WARNING: An illegal reflective access operation has occurred

WARNING: Illegal reflective access by org.apache.hadoop.security.authentication.util.KerberosUtil (file:/home/hduser/ycsb-0.15.0/hbase14-binding/lib/hbase-shaded-client-1.4.2.jar) to method sun.security.krb5.Config.getInstance()

WARNING: Please consider reporting this to the maintainers of org.apache.hadoop.security.authentication.util.KerberosUtil

WARNING: Use --illegal-access=warn to enable warnings of further illegal reflective access operations

WARNING: All illegal access operations will be denied in a future release

DBWrapper: report latency for each error is false and specific error codes to track for latency are: []

[OVERALL], RunTime(ms), 244586

[OVERALL], Throughput(ops/sec), 1635.4165814887197

[TOTAL\_GCS\_G1\_Young\_Generation], Count, 281

[TOTAL\_GC\_TIME\_G1\_Young\_Generation], Time(ms), 616

[TOTAL\_GC\_TIME\_%\_G1\_Young\_Generation], Time(%), 0.2518541535492629

[TOTAL\_GCS\_G1\_Old\_Generation], Count, 0

[TOTAL\_GC\_TIME\_G1\_Old\_Generation], Time(ms), 0

[TOTAL\_GC\_TIME\_%\_G1\_Old\_Generation], Time(%), 0.0

[TOTAL\_GCs], Count, 281

[TOTAL\_GC\_TIME], Time(ms), 616

[TOTAL\_GC\_TIME\_%], Time(%), 0.2518541535492629

[CLEANUP], Operations, 2

[CLEANUP], AverageLatency(us), 259273.5

[CLEANUP], MinLatency(us), 19

[CLEANUP], MaxLatency(us), 518655

[CLEANUP], 95thPercentileLatency(us), 518655

[CLEANUP], 99thPercentileLatency(us), 518655

[INSERT], Operations, 400000

[INSERT], AverageLatency(us), 600.274415

[INSERT], MinLatency(us), 334

[INSERT], MaxLatency(us), 4554751

[INSERT], 95thPercentileLatency(us), 746

[INSERT], 99thPercentileLatency(us), 1004

[INSERT], Return=OK, 400000

Running run phase

hbase14

java -cp /home/hduser/ycsb-0.15.0/hbase14-binding/conf:/home/hduser/ycsb-0.15.0/conf:/home/hduser/ycsb-0.15.0/lib/HdrHistogram-2.1.4.jar:/home/hduser/ycsb-0.15.0/lib/core-0.15.0.jar:/home/hduser/ycsb-0.15.0/lib/jackson-core-asl-1.9.4.jar:/home/hduser/ycsb-0.15.0/lib/jackson-mapper-asl-1.9.4.jar:/home/hduser/ycsb-0.15.0/lib/htrace-core4-4.1.0-incubating.jar:/home/hduser/ycsb-0.15.0/hbase14-binding/lib/findbugs-annotations-1.3.9-1.jar:/home/hduser/ycsb-0.15.0/hbase14-binding/lib/htrace-core-3.1.0-incubating.jar:/home/hduser/ycsb-0.15.0/hbase14-binding/lib/log4j-1.2.17.jar:/home/hduser/ycsb-0.15.0/hbase14-binding/lib/commons-logging-1.2.jar:/home/hduser/ycsb-0.15.0/hbase14-binding/lib/hbase-shaded-client-1.4.2.jar:/home/hduser/ycsb-0.15.0/hbase14-binding/lib/slf4j-api-1.7.25.jar:/home/hduser/ycsb-0.15.0/hbase14-binding/lib/hbase10-binding-0.15.0.jar:/home/hduser/ycsb-0.15.0/hbase14-binding/lib/slf4j-log4j12-1.7.7.jar:/home/hduser/ycsb-0.15.0/hbase14-binding/lib/hbase14-binding-0.15.0.jar com.yahoo.ycsb.Client -db com.yahoo.ycsb.db.hbase14.HBaseClient14 -P /home/hduser/ycsb-0.15.0/workloads/workloadb -p table=usertable -p columnfamily=family -p recordcount=400000 -p operationcount=400000 -t

Command line: -db com.yahoo.ycsb.db.hbase14.HBaseClient14 -P /home/hduser/ycsb-0.15.0/workloads/workloadb -p table=usertable -p columnfamily=family -p recordcount=400000 -p operationcount=400000 -t

YCSB Client 0.15.0

Loading workload...

log4j:WARN No appenders could be found for logger (org.apache.htrace.core.Tracer).

log4j:WARN Please initialize the log4j system properly.

log4j:WARN See http://logging.apache.org/log4j/1.2/faq.html#noconfig for more info.

Starting test.

WARNING: An illegal reflective access operation has occurred

WARNING: Illegal reflective access by org.apache.hadoop.security.authentication.util.KerberosUtil (file:/home/hduser/ycsb-0.15.0/hbase14-binding/lib/hbase-shaded-client-1.4.2.jar) to method sun.security.krb5.Config.getInstance()

WARNING: Please consider reporting this to the maintainers of org.apache.hadoop.security.authentication.util.KerberosUtil

WARNING: Use --illegal-access=warn to enable warnings of further illegal reflective access operations

WARNING: All illegal access operations will be denied in a future release

DBWrapper: report latency for each error is false and specific error codes to track for latency are: []

[OVERALL], RunTime(ms), 208397

[OVERALL], Throughput(ops/sec), 1919.4134272566305

[TOTAL\_GCS\_G1\_Young\_Generation], Count, 178

[TOTAL\_GC\_TIME\_G1\_Young\_Generation], Time(ms), 469

[TOTAL\_GC\_TIME\_%\_G1\_Young\_Generation], Time(%), 0.2250512243458399

[TOTAL\_GCS\_G1\_Old\_Generation], Count, 0

[TOTAL\_GC\_TIME\_G1\_Old\_Generation], Time(ms), 0

[TOTAL\_GC\_TIME\_%\_G1\_Old\_Generation], Time(%), 0.0

[TOTAL\_GCs], Count, 178

[TOTAL\_GC\_TIME], Time(ms), 469

[TOTAL\_GC\_TIME\_%], Time(%), 0.2250512243458399

[READ], Operations, 379831

[READ], AverageLatency(us), 491.51634542730847

[READ], MinLatency(us), 104

[READ], MaxLatency(us), 2021375

[READ], 95thPercentileLatency(us), 745

[READ], 99thPercentileLatency(us), 3189

[READ], Return=OK, 379831

[CLEANUP], Operations, 2

[CLEANUP], AverageLatency(us), 1086987.5

[CLEANUP], MinLatency(us), 23

[CLEANUP], MaxLatency(us), 2174975

[CLEANUP], 95thPercentileLatency(us), 2174975

[CLEANUP], 99thPercentileLatency(us), 2174975

[UPDATE], Operations, 20169

[UPDATE], AverageLatency(us), 797.2885120729833

[UPDATE], MinLatency(us), 350

[UPDATE], MaxLatency(us), 54303

[UPDATE], 95thPercentileLatency(us), 1436

[UPDATE], 99thPercentileLatency(us), 4563

[UPDATE], Return=OK, 20169

hduser@x18104053-dsmprojb:~/testharness$