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), 272955

[OVERALL], Throughput(ops/sec), 1831.8037771793886

[TOTAL\_GCS\_G1\_Young\_Generation], Count, 223

[TOTAL\_GC\_TIME\_G1\_Young\_Generation], Time(ms), 519

[TOTAL\_GC\_TIME\_%\_G1\_Young\_Generation], Time(%), 0.19014123207122055

[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, 223

[TOTAL\_GC\_TIME], Time(ms), 519

[TOTAL\_GC\_TIME\_%], Time(%), 0.19014123207122055

[READ], Operations, 474898

[READ], AverageLatency(us), 522.0099495049463

[READ], MinLatency(us), 110

[READ], MaxLatency(us), 2224127

[READ], 95thPercentileLatency(us), 857

[READ], 99thPercentileLatency(us), 3121

[READ], Return=OK, 474898

[CLEANUP], Operations, 2

[CLEANUP], AverageLatency(us), 417413.0

[CLEANUP], MinLatency(us), 10

[CLEANUP], MaxLatency(us), 835071

[CLEANUP], 95thPercentileLatency(us), 835071

[CLEANUP], 99thPercentileLatency(us), 835071

[UPDATE], Operations, 25102

[UPDATE], AverageLatency(us), 821.5897538044777

[UPDATE], MinLatency(us), 344

[UPDATE], MaxLatency(us), 61119

[UPDATE], 95thPercentileLatency(us), 1318

[UPDATE], 99thPercentileLatency(us), 4495

[UPDATE], Return=OK, 25102

hduser@x18104053-dsmprojb:~/testharness$ clear

hduser@x18104053-dsmprojb:~/testharness$ ./runtest.sh 500000B

DATABASE: hbase14

WORKLOAD: workloada

OPCOUNT: 500000

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 16.2660 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=500000 -p operationcount=500000 -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=500000 -p operationcount=500000 -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), 307135

[OVERALL], Throughput(ops/sec), 1627.9486219414916

[TOTAL\_GCS\_G1\_Young\_Generation], Count, 419

[TOTAL\_GC\_TIME\_G1\_Young\_Generation], Time(ms), 915

[TOTAL\_GC\_TIME\_%\_G1\_Young\_Generation], Time(%), 0.29791459781529295

[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, 419

[TOTAL\_GC\_TIME], Time(ms), 915

[TOTAL\_GC\_TIME\_%], Time(%), 0.29791459781529295

[CLEANUP], Operations, 2

[CLEANUP], AverageLatency(us), 180164.5

[CLEANUP], MinLatency(us), 9

[CLEANUP], MaxLatency(us), 360447

[CLEANUP], 95thPercentileLatency(us), 360447

[CLEANUP], 99thPercentileLatency(us), 360447

[INSERT], Operations, 500000

[INSERT], AverageLatency(us), 606.416346

[INSERT], MinLatency(us), 333

[INSERT], MaxLatency(us), 7774207

[INSERT], 95thPercentileLatency(us), 741

[INSERT], 99thPercentileLatency(us), 1009

[INSERT], Return=OK, 500000

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=500000 -p operationcount=500000 -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=500000 -p operationcount=500000 -t

YCSB Client 0.15.0

Loading workload...

(might take a few minutes for large data sets)

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), 422788

[OVERALL], Throughput(ops/sec), 1182.6258077334267

[TOTAL\_GCS\_G1\_Young\_Generation], Count, 364

[TOTAL\_GC\_TIME\_G1\_Young\_Generation], Time(ms), 825

[TOTAL\_GC\_TIME\_%\_G1\_Young\_Generation], Time(%), 0.1951332582760154

[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, 364

[TOTAL\_GC\_TIME], Time(ms), 825

[TOTAL\_GC\_TIME\_%], Time(%), 0.1951332582760154

[READ], Operations, 250522

[READ], AverageLatency(us), 1025.6696577546084

[READ], MinLatency(us), 111

[READ], MaxLatency(us), 4595711

[READ], 95thPercentileLatency(us), 1085

[READ], 99thPercentileLatency(us), 3711

[READ], Return=OK, 250522

[CLEANUP], Operations, 2

[CLEANUP], AverageLatency(us), 367253.0

[CLEANUP], MinLatency(us), 42

[CLEANUP], MaxLatency(us), 734719

[CLEANUP], 95thPercentileLatency(us), 734719

[CLEANUP], 99thPercentileLatency(us), 734719

[UPDATE], Operations, 249478

[UPDATE], AverageLatency(us), 646.0443325663987

[UPDATE], MinLatency(us), 300

[UPDATE], MaxLatency(us), 419071

[UPDATE], 95thPercentileLatency(us), 958

[UPDATE], 99thPercentileLatency(us), 1395

[UPDATE], Return=OK, 249478

WORKLOAD: workloadb

OPCOUNT: 500000

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 28.8570 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=500000 -p operationcount=500000 -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=500000 -p operationcount=500000 -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), 296333

[OVERALL], Throughput(ops/sec), 1687.2909868290067

[TOTAL\_GCS\_G1\_Young\_Generation], Count, 420

[TOTAL\_GC\_TIME\_G1\_Young\_Generation], Time(ms), 918

[TOTAL\_GC\_TIME\_%\_G1\_Young\_Generation], Time(%), 0.3097866251818056

[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, 420

[TOTAL\_GC\_TIME], Time(ms), 918

[TOTAL\_GC\_TIME\_%], Time(%), 0.3097866251818056

[CLEANUP], Operations, 2

[CLEANUP], AverageLatency(us), 56117.5

[CLEANUP], MinLatency(us), 11

[CLEANUP], MaxLatency(us), 112255

[CLEANUP], 95thPercentileLatency(us), 112255

[CLEANUP], 99thPercentileLatency(us), 112255

[INSERT], Operations, 500000

[INSERT], AverageLatency(us), 585.481402

[INSERT], MinLatency(us), 328

[INSERT], MaxLatency(us), 2496511

[INSERT], 95thPercentileLatency(us), 742

[INSERT], 99thPercentileLatency(us), 988

[INSERT], Return=OK, 500000

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=500000 -p operationcount=500000 -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=500000 -p operationcount=500000 -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), 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$