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$ clear

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

[sudo] password for hduser:

hduser@x18104053-dsmprojb:~/testharness$ ./runtest.sh 300000B

DATABASE: hbase14

WORKLOAD: workloada

OPCOUNT: 300000

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 9.3110 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=300000 -p operationcount=300000 -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=300000 -p operationcount=300000 -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), 182411

[OVERALL], Throughput(ops/sec), 1644.6376589131137

[TOTAL\_GCS\_G1\_Young\_Generation], Count, 255

[TOTAL\_GC\_TIME\_G1\_Young\_Generation], Time(ms), 541

[TOTAL\_GC\_TIME\_%\_G1\_Young\_Generation], Time(%), 0.2965829911573315

[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, 255

[TOTAL\_GC\_TIME], Time(ms), 541

[TOTAL\_GC\_TIME\_%], Time(%), 0.2965829911573315

[CLEANUP], Operations, 2

[CLEANUP], AverageLatency(us), 395143.0

[CLEANUP], MinLatency(us), 14

[CLEANUP], MaxLatency(us), 790527

[CLEANUP], 95thPercentileLatency(us), 790527

[CLEANUP], 99thPercentileLatency(us), 790527

[INSERT], Operations, 300000

[INSERT], AverageLatency(us), 595.89078

[INSERT], MinLatency(us), 336

[INSERT], MaxLatency(us), 2189311

[INSERT], 95thPercentileLatency(us), 728

[INSERT], 99thPercentileLatency(us), 1039

[INSERT], Return=OK, 300000

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=300000 -p operationcount=300000 -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=300000 -p operationcount=300000 -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), 143543

[OVERALL], Throughput(ops/sec), 2089.9660728840836

[TOTAL\_GCS\_G1\_Young\_Generation], Count, 180

[TOTAL\_GC\_TIME\_G1\_Young\_Generation], Time(ms), 447

[TOTAL\_GC\_TIME\_%\_G1\_Young\_Generation], Time(%), 0.31140494485972847

[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, 180

[TOTAL\_GC\_TIME], Time(ms), 447

[TOTAL\_GC\_TIME\_%], Time(%), 0.31140494485972847

[READ], Operations, 150238

[READ], AverageLatency(us), 363.06968277000493

[READ], MinLatency(us), 100

[READ], MaxLatency(us), 768511

[READ], 95thPercentileLatency(us), 580

[READ], 99thPercentileLatency(us), 2925

[READ], Return=OK, 150238

[CLEANUP], Operations, 2

[CLEANUP], AverageLatency(us), 44473.0

[CLEANUP], MinLatency(us), 18

[CLEANUP], MaxLatency(us), 88959

[CLEANUP], 95thPercentileLatency(us), 88959

[CLEANUP], 99thPercentileLatency(us), 88959

[UPDATE], Operations, 149762

[UPDATE], AverageLatency(us), 561.4071526822559

[UPDATE], MinLatency(us), 307

[UPDATE], MaxLatency(us), 350463

[UPDATE], 95thPercentileLatency(us), 864

[UPDATE], 99thPercentileLatency(us), 1422

[UPDATE], Return=OK, 149762

WORKLOAD: workloadb

OPCOUNT: 300000

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 24.1180 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=300000 -p operationcount=300000 -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=300000 -p operationcount=300000 -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), 183382

[OVERALL], Throughput(ops/sec), 1635.9293714759356

[TOTAL\_GCS\_G1\_Young\_Generation], Count, 253

[TOTAL\_GC\_TIME\_G1\_Young\_Generation], Time(ms), 542

[TOTAL\_GC\_TIME\_%\_G1\_Young\_Generation], Time(%), 0.29555790644665236

[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, 253

[TOTAL\_GC\_TIME], Time(ms), 542

[TOTAL\_GC\_TIME\_%], Time(%), 0.29555790644665236

[CLEANUP], Operations, 2

[CLEANUP], AverageLatency(us), 43221.0

[CLEANUP], MinLatency(us), 10

[CLEANUP], MaxLatency(us), 86463

[CLEANUP], 95thPercentileLatency(us), 86463

[CLEANUP], 99thPercentileLatency(us), 86463

[INSERT], Operations, 300000

[INSERT], AverageLatency(us), 599.8132033333334

[INSERT], MinLatency(us), 339

[INSERT], MaxLatency(us), 2152447

[INSERT], 95thPercentileLatency(us), 765

[INSERT], 99thPercentileLatency(us), 1046

[INSERT], Return=OK, 300000

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=300000 -p operationcount=300000 -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=300000 -p operationcount=300000 -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), 172566

[OVERALL], Throughput(ops/sec), 1738.4652828483015

[TOTAL\_GCS\_G1\_Young\_Generation], Count, 135

[TOTAL\_GC\_TIME\_G1\_Young\_Generation], Time(ms), 357

[TOTAL\_GC\_TIME\_%\_G1\_Young\_Generation], Time(%), 0.20687736865894787

[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, 135

[TOTAL\_GC\_TIME], Time(ms), 357

[TOTAL\_GC\_TIME\_%], Time(%), 0.20687736865894787

[READ], Operations, 284801

[READ], AverageLatency(us), 552.9798385539376

[READ], MinLatency(us), 100

[READ], MaxLatency(us), 4390911

[READ], 95thPercentileLatency(us), 504

[READ], 99thPercentileLatency(us), 1335

[READ], Return=OK, 284801

[CLEANUP], Operations, 2

[CLEANUP], AverageLatency(us), 402564.5

[CLEANUP], MinLatency(us), 9

[CLEANUP], MaxLatency(us), 805375

[CLEANUP], 95thPercentileLatency(us), 805375

[CLEANUP], 99thPercentileLatency(us), 805375

[UPDATE], Operations, 15199

[UPDATE], AverageLatency(us), 746.9288111059938

[UPDATE], MinLatency(us), 349

[UPDATE], MaxLatency(us), 346367

[UPDATE], 95thPercentileLatency(us), 1356

[UPDATE], 99thPercentileLatency(us), 3977

[UPDATE], Return=OK, 15199

hduser@x18104053-dsmprojb:~/testharness$