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), 106291

[OVERALL], Throughput(ops/sec), 2822.4402818677027

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

[TOTAL\_GC\_TIME\_G1\_Young\_Generation], Time(ms), 345

[TOTAL\_GC\_TIME\_%\_G1\_Young\_Generation], Time(%), 0.32458063241478585

[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), 345

[TOTAL\_GC\_TIME\_%], Time(%), 0.32458063241478585

[READ], Operations, 285000

[READ], AverageLatency(us), 320.3024596491228

[READ], MinLatency(us), 99

[READ], MaxLatency(us), 2254847

[READ], 95thPercentileLatency(us), 498

[READ], 99thPercentileLatency(us), 1298

[READ], Return=OK, 285000

[CLEANUP], Operations, 2

[CLEANUP], AverageLatency(us), 548613.0

[CLEANUP], MinLatency(us), 10

[CLEANUP], MaxLatency(us), 1097727

[CLEANUP], 95thPercentileLatency(us), 1097727

[CLEANUP], 99thPercentileLatency(us), 1097727

[UPDATE], Operations, 15000

[UPDATE], AverageLatency(us), 744.5326

[UPDATE], MinLatency(us), 350

[UPDATE], MaxLatency(us), 70015

[UPDATE], 95thPercentileLatency(us), 1260

[UPDATE], 99thPercentileLatency(us), 4267

[UPDATE], Return=OK, 15000

hduser@x18104053-dsmprojb:~/testharness$ clear

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

[sudo] password for hduser:

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

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 57.6780 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), 263209

[OVERALL], Throughput(ops/sec), 1519.7048733136025

[TOTAL\_GCS\_G1\_Young\_Generation], Count, 337

[TOTAL\_GC\_TIME\_G1\_Young\_Generation], Time(ms), 691

[TOTAL\_GC\_TIME\_%\_G1\_Young\_Generation], Time(%), 0.26252901686492486

[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, 337

[TOTAL\_GC\_TIME], Time(ms), 691

[TOTAL\_GC\_TIME\_%], Time(%), 0.26252901686492486

[CLEANUP], Operations, 2

[CLEANUP], AverageLatency(us), 67749.5

[CLEANUP], MinLatency(us), 11

[CLEANUP], MaxLatency(us), 135551

[CLEANUP], 95thPercentileLatency(us), 135551

[CLEANUP], 99thPercentileLatency(us), 135551

[INSERT], Operations, 400000

[INSERT], AverageLatency(us), 648.382855

[INSERT], MinLatency(us), 332

[INSERT], MaxLatency(us), 10723327

[INSERT], 95thPercentileLatency(us), 756

[INSERT], 99thPercentileLatency(us), 1055

[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), 284895

[OVERALL], Throughput(ops/sec), 1404.026044683129

[TOTAL\_GCS\_G1\_Young\_Generation], Count, 239

[TOTAL\_GC\_TIME\_G1\_Young\_Generation], Time(ms), 581

[TOTAL\_GC\_TIME\_%\_G1\_Young\_Generation], Time(%), 0.20393478299022444

[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, 239

[TOTAL\_GC\_TIME], Time(ms), 581

[TOTAL\_GC\_TIME\_%], Time(%), 0.20393478299022444

[READ], Operations, 200073

[READ], AverageLatency(us), 770.2895942980812

[READ], MinLatency(us), 107

[READ], MaxLatency(us), 2535423

[READ], 95thPercentileLatency(us), 915

[READ], 99thPercentileLatency(us), 3667

[READ], Return=OK, 200073

[CLEANUP], Operations, 2

[CLEANUP], AverageLatency(us), 131525.0

[CLEANUP], MinLatency(us), 10

[CLEANUP], MaxLatency(us), 263167

[CLEANUP], 95thPercentileLatency(us), 263167

[CLEANUP], 99thPercentileLatency(us), 263167

[UPDATE], Operations, 199927

[UPDATE], AverageLatency(us), 634.027900183567

[UPDATE], MinLatency(us), 313

[UPDATE], MaxLatency(us), 4734975

[UPDATE], 95thPercentileLatency(us), 951

[UPDATE], 99thPercentileLatency(us), 1375

[UPDATE], Return=OK, 199927

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 33.3110 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/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), 249906

[OVERALL], Throughput(ops/sec), 1600.6018262866837

[TOTAL\_GCS\_G1\_Young\_Generation], Count, 336

[TOTAL\_GC\_TIME\_G1\_Young\_Generation], Time(ms), 699

[TOTAL\_GC\_TIME\_%\_G1\_Young\_Generation], Time(%), 0.279705169143598

[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, 336

[TOTAL\_GC\_TIME], Time(ms), 699

[TOTAL\_GC\_TIME\_%], Time(%), 0.279705169143598

[CLEANUP], Operations, 2

[CLEANUP], AverageLatency(us), 827141.5

[CLEANUP], MinLatency(us), 11

[CLEANUP], MaxLatency(us), 1654783

[CLEANUP], 95thPercentileLatency(us), 1654783

[CLEANUP], 99thPercentileLatency(us), 1654783

[INSERT], Operations, 400000

[INSERT], AverageLatency(us), 612.2805425

[INSERT], MinLatency(us), 327

[INSERT], MaxLatency(us), 2523135

[INSERT], 95thPercentileLatency(us), 799

[INSERT], 99thPercentileLatency(us), 1102

[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), 304926

[OVERALL], Throughput(ops/sec), 1311.7936810898382

[TOTAL\_GCS\_G1\_Young\_Generation], Count, 218

[TOTAL\_GC\_TIME\_G1\_Young\_Generation], Time(ms), 560

[TOTAL\_GC\_TIME\_%\_G1\_Young\_Generation], Time(%), 0.18365111535257736

[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, 218

[TOTAL\_GC\_TIME], Time(ms), 560

[TOTAL\_GC\_TIME\_%], Time(%), 0.18365111535257736

[READ], Operations, 379941

[READ], AverageLatency(us), 729.362508915858

[READ], MinLatency(us), 101

[READ], MaxLatency(us), 3934207

[READ], 95thPercentileLatency(us), 800

[READ], 99thPercentileLatency(us), 3385

[READ], Return=OK, 379941

[CLEANUP], Operations, 2

[CLEANUP], AverageLatency(us), 155588.0

[CLEANUP], MinLatency(us), 8

[CLEANUP], MaxLatency(us), 311295

[CLEANUP], 95thPercentileLatency(us), 311295

[CLEANUP], 99thPercentileLatency(us), 311295

[UPDATE], Operations, 20059

[UPDATE], AverageLatency(us), 828.5095468368313

[UPDATE], MinLatency(us), 325

[UPDATE], MaxLatency(us), 63423

[UPDATE], 95thPercentileLatency(us), 1459

[UPDATE], 99thPercentileLatency(us), 4675

[UPDATE], Return=OK, 20059

hduser@x18104053-dsmprojb:~/testharness$