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), 66958

[OVERALL], Throughput(ops/sec), 2986.9470414289553

[TOTAL\_GCS\_G1\_Young\_Generation], Count, 92

[TOTAL\_GC\_TIME\_G1\_Young\_Generation], Time(ms), 256

[TOTAL\_GC\_TIME\_%\_G1\_Young\_Generation], Time(%), 0.3823292213029063

[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, 92

[TOTAL\_GC\_TIME], Time(ms), 256

[TOTAL\_GC\_TIME\_%], Time(%), 0.3823292213029063

[READ], Operations, 189873

[READ], AverageLatency(us), 291.36708220758084

[READ], MinLatency(us), 103

[READ], MaxLatency(us), 1497087

[READ], 95thPercentileLatency(us), 396

[READ], 99thPercentileLatency(us), 1764

[READ], Return=OK, 189873

[CLEANUP], Operations, 2

[CLEANUP], AverageLatency(us), 155973.0

[CLEANUP], MinLatency(us), 10

[CLEANUP], MaxLatency(us), 312063

[CLEANUP], 95thPercentileLatency(us), 312063

[CLEANUP], 99thPercentileLatency(us), 312063

[UPDATE], Operations, 10127

[UPDATE], AverageLatency(us), 785.1995655179223

[UPDATE], MinLatency(us), 367

[UPDATE], MaxLatency(us), 60095

[UPDATE], 95thPercentileLatency(us), 1517

[UPDATE], 99thPercentileLatency(us), 4567

[UPDATE], Return=OK, 10127

hduser@x18104053-dsmprojb:~/testharness$ clear

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

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

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 17.4170 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), 184762

[OVERALL], Throughput(ops/sec), 1623.7105032420086

[TOTAL\_GCS\_G1\_Young\_Generation], Count, 248

[TOTAL\_GC\_TIME\_G1\_Young\_Generation], Time(ms), 556

[TOTAL\_GC\_TIME\_%\_G1\_Young\_Generation], Time(%), 0.3009276799341856

[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, 248

[TOTAL\_GC\_TIME], Time(ms), 556

[TOTAL\_GC\_TIME\_%], Time(%), 0.3009276799341856

[CLEANUP], Operations, 2

[CLEANUP], AverageLatency(us), 339845.0

[CLEANUP], MinLatency(us), 10

[CLEANUP], MaxLatency(us), 679935

[CLEANUP], 95thPercentileLatency(us), 679935

[CLEANUP], 99thPercentileLatency(us), 679935

[INSERT], Operations, 300000

[INSERT], AverageLatency(us), 602.8002333333334

[INSERT], MinLatency(us), 322

[INSERT], MaxLatency(us), 1909759

[INSERT], 95thPercentileLatency(us), 765

[INSERT], 99thPercentileLatency(us), 1067

[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), 140168

[OVERALL], Throughput(ops/sec), 2140.288796301581

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

[TOTAL\_GC\_TIME\_G1\_Young\_Generation], Time(ms), 490

[TOTAL\_GC\_TIME\_%\_G1\_Young\_Generation], Time(%), 0.3495805033959249

[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), 490

[TOTAL\_GC\_TIME\_%], Time(%), 0.3495805033959249

[READ], Operations, 150596

[READ], AverageLatency(us), 356.4798799436904

[READ], MinLatency(us), 109

[READ], MaxLatency(us), 1157119

[READ], 95thPercentileLatency(us), 560

[READ], 99thPercentileLatency(us), 3075

[READ], Return=OK, 150596

[CLEANUP], Operations, 2

[CLEANUP], AverageLatency(us), 49978.5

[CLEANUP], MinLatency(us), 21

[CLEANUP], MaxLatency(us), 99967

[CLEANUP], 95thPercentileLatency(us), 99967

[CLEANUP], 99thPercentileLatency(us), 99967

[UPDATE], Operations, 149404

[UPDATE], AverageLatency(us), 554.6238387191776

[UPDATE], MinLatency(us), 316

[UPDATE], MaxLatency(us), 453119

[UPDATE], 95thPercentileLatency(us), 865

[UPDATE], 99thPercentileLatency(us), 1317

[UPDATE], Return=OK, 149404

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 13.6110 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), 189318

[OVERALL], Throughput(ops/sec), 1584.6353754001204

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

[TOTAL\_GC\_TIME\_G1\_Young\_Generation], Time(ms), 612

[TOTAL\_GC\_TIME\_%\_G1\_Young\_Generation], Time(%), 0.32326561658162456

[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), 612

[TOTAL\_GC\_TIME\_%], Time(%), 0.32326561658162456

[CLEANUP], Operations, 2

[CLEANUP], AverageLatency(us), 46710.0

[CLEANUP], MinLatency(us), 12

[CLEANUP], MaxLatency(us), 93439

[CLEANUP], 95thPercentileLatency(us), 93439

[CLEANUP], 99thPercentileLatency(us), 93439

[INSERT], Operations, 300000

[INSERT], AverageLatency(us), 621.2034266666667

[INSERT], MinLatency(us), 344

[INSERT], MaxLatency(us), 4517887

[INSERT], 95thPercentileLatency(us), 747

[INSERT], 99thPercentileLatency(us), 1022

[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), 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$