login as: ubuntu

Authenticating with public key "imported-openssh-key"

Welcome to Ubuntu 18.04.1 LTS (GNU/Linux 4.15.0-34-generic x86\_64)

\* Documentation: https://help.ubuntu.com

\* Management: https://landscape.canonical.com

\* Support: https://ubuntu.com/advantage

System information disabled due to load higher than 2.0

\* Security certifications for Ubuntu!

We now have FIPS, STIG, CC and a CIS Benchmark.

- http://bit.ly/Security\_Certification

\* Want to make a highly secure kiosk, smart display or touchscreen?

Here's a step-by-step tutorial for a rainy weekend, or a startup.

- https://bit.ly/secure-kiosk

Get cloud support with Ubuntu Advantage Cloud Guest:

http://www.ubuntu.com/business/services/cloud

\* Canonical Livepatch is available for installation.

- Reduce system reboots and improve kernel security. Activate at:

https://ubuntu.com/livepatch

93 packages can be updated.

2 updates are security updates.

\*\*\* System restart required \*\*\*

Last login: Tue Dec 18 17:31:57 2018 from 188.141.76.225

ubuntu@x18104053-dsmprojb:~$ su - hduser

Password:

hduser@x18104053-dsmprojb:~$ cd /home/hduser/testharness/

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

[sudo] password for hduser:

Sorry, try again.

[sudo] password for hduser:

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

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 27.6980 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), 259325

[OVERALL], Throughput(ops/sec), 1542.466017545551

[TOTAL\_GCS\_G1\_Young\_Generation], Count, 277

[TOTAL\_GC\_TIME\_G1\_Young\_Generation], Time(ms), 614

[TOTAL\_GC\_TIME\_%\_G1\_Young\_Generation], Time(%), 0.23676853369324208

[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, 277

[TOTAL\_GC\_TIME], Time(ms), 614

[TOTAL\_GC\_TIME\_%], Time(%), 0.23676853369324208

[CLEANUP], Operations, 2

[CLEANUP], AverageLatency(us), 1527303.0

[CLEANUP], MinLatency(us), 14

[CLEANUP], MaxLatency(us), 3055615

[CLEANUP], 95thPercentileLatency(us), 3055615

[CLEANUP], 99thPercentileLatency(us), 3055615

[INSERT], Operations, 400000

[INSERT], AverageLatency(us), 632.578505

[INSERT], MinLatency(us), 324

[INSERT], MaxLatency(us), 4923391

[INSERT], 95thPercentileLatency(us), 766

[INSERT], 99thPercentileLatency(us), 1058

[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), 309536

[OVERALL], Throughput(ops/sec), 1292.2567972707536

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

[TOTAL\_GC\_TIME\_G1\_Young\_Generation], Time(ms), 586

[TOTAL\_GC\_TIME\_%\_G1\_Young\_Generation], Time(%), 0.1893156208001654

[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), 586

[TOTAL\_GC\_TIME\_%], Time(%), 0.1893156208001654

[READ], Operations, 199936

[READ], AverageLatency(us), 893.1115306898207

[READ], MinLatency(us), 109

[READ], MaxLatency(us), 3139583

[READ], 95thPercentileLatency(us), 992

[READ], 99thPercentileLatency(us), 3695

[READ], Return=OK, 199936

[CLEANUP], Operations, 2

[CLEANUP], AverageLatency(us), 43581.0

[CLEANUP], MinLatency(us), 26

[CLEANUP], MaxLatency(us), 87167

[CLEANUP], 95thPercentileLatency(us), 87167

[CLEANUP], 99thPercentileLatency(us), 87167

[UPDATE], Operations, 200064

[UPDATE], AverageLatency(us), 628.5922604766474

[UPDATE], MinLatency(us), 304

[UPDATE], MaxLatency(us), 356351

[UPDATE], 95thPercentileLatency(us), 965

[UPDATE], 99thPercentileLatency(us), 1348

[UPDATE], Return=OK, 200064

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 9.9260 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), 248597

[OVERALL], Throughput(ops/sec), 1609.0298756622165

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

[TOTAL\_GC\_TIME\_G1\_Young\_Generation], Time(ms), 617

[TOTAL\_GC\_TIME\_%\_G1\_Young\_Generation], Time(%), 0.24819285832089685

[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), 617

[TOTAL\_GC\_TIME\_%], Time(%), 0.24819285832089685

[CLEANUP], Operations, 2

[CLEANUP], AverageLatency(us), 742663.5

[CLEANUP], MinLatency(us), 15

[CLEANUP], MaxLatency(us), 1485823

[CLEANUP], 95thPercentileLatency(us), 1485823

[CLEANUP], 99thPercentileLatency(us), 1485823

[INSERT], Operations, 400000

[INSERT], AverageLatency(us), 607.7533775

[INSERT], MinLatency(us), 339

[INSERT], MaxLatency(us), 8380415

[INSERT], 95thPercentileLatency(us), 727

[INSERT], 99thPercentileLatency(us), 1054

[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), 219415

[OVERALL], Throughput(ops/sec), 1823.0294191372514

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

[TOTAL\_GC\_TIME\_G1\_Young\_Generation], Time(ms), 488

[TOTAL\_GC\_TIME\_%\_G1\_Young\_Generation], Time(%), 0.22240958913474465

[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), 488

[TOTAL\_GC\_TIME\_%], Time(%), 0.22240958913474465

[READ], Operations, 379979

[READ], AverageLatency(us), 505.4184178599344

[READ], MinLatency(us), 102

[READ], MaxLatency(us), 2036735

[READ], 95thPercentileLatency(us), 794

[READ], 99thPercentileLatency(us), 3165

[READ], Return=OK, 379979

[CLEANUP], Operations, 2

[CLEANUP], AverageLatency(us), 38104.5

[CLEANUP], MinLatency(us), 17

[CLEANUP], MaxLatency(us), 76223

[CLEANUP], 95thPercentileLatency(us), 76223

[CLEANUP], 99thPercentileLatency(us), 76223

[UPDATE], Operations, 20021

[UPDATE], AverageLatency(us), 866.9878127965636

[UPDATE], MinLatency(us), 345

[UPDATE], MaxLatency(us), 305407

[UPDATE], 95thPercentileLatency(us), 1490

[UPDATE], 99thPercentileLatency(us), 4871

[UPDATE], Return=OK, 20021

hduser@x18104053-dsmprojb:~/testharness$