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 as of Wed Dec 19 03:40:05 UTC 2018

System load: 0.44 Processes: 107

Usage of /: 23.8% of 38.60GB Users logged in: 1

Memory usage: 67% IP address for ens3: 192.168.100.193

Swap usage: 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: Wed Dec 19 03:29:31 2018 from 188.141.76.225

ubuntu@x18104053-dsmprojb:~$ su - hduser

Password:

hduser@x18104053-dsmprojb:~$ cd ~

hduser@x18104053-dsmprojb:~$ cd ycsb-0.15.0/

hduser@x18104053-dsmprojb:~/ycsb-0.15.0$ ./bin/ycsb load jdbc-P ./jdbc-binding/conf/db.properties -P workloads/workloada

usage: ./bin/ycsb command database [options]

Commands:

load Execute the load phase

run Execute the transaction phase

shell Interactive mode

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hduser@x18104053-dsmprojb:~/ycsb-0.15.0$ jps

15152 Jps

22804 HMaster

21143 NameNode

21608 SecondaryNameNode

21324 DataNode

22733 HQuorumPeer

22879 HRegionServer

hduser@x18104053-dsmprojb:~/ycsb-0.15.0$ ./bin/ycsb run jdbc-P ./jdbc-binding/conf/db.properties -P workloads/workloada

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hduser@x18104053-dsmprojb:~/ycsb-0.15.0$ ./bin/ycsb run jdbc-P ./jdbc-binding/conf/db.properties -P workloads/workloada

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hduser@x18104053-dsmprojb:~$ cd ~

hduser@x18104053-dsmprojb:~$ cd ycsb-0.11.0/

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See https://github.com/brianfrankcooper/YCSB/wiki/Core-Properties

for the list of workload properties.

ycsb: error: argument database: invalid choice: 'jdbc-P' (choose from 'accumulo', 'aerospike', 'arangodb', 'asynchbase', 'basic', 'cassandra-cql', 'cassandra2-cql', 'couchbase', 'couchbase2', 'dynamodb', 'elasticsearch', 'geode', 'googlebigtable', 'googledatastore', 'hbase094', 'hbase098', 'hbase10', 'hypertable', 'infinispan', 'infinispan-cs', 'jdbc', 'kudu', 'mapkeeper', 'memcached', 'mongodb', 'mongodb-async', 'nosqldb', 'orientdb', 'rados', 'redis', 'riak', 's3', 'solr', 'tarantool', 'voldemort')

hduser@x18104053-dsmprojb:~/ycsb-0.11.0$ ./bin/ycsb run jdbc -P ./jdbc-binding/conf/db.properties -P workloads/workloada

java -cp /home/hduser/ycsb-0.11.0/jdbc-binding/conf:/home/hduser/ycsb-0.11.0/conf:/home/hduser/ycsb-0.11.0/lib/HdrHistogram-2.1.4.jar:/home/hduser/ycsb-0.11.0/lib/jackson-core-asl-1.9.4.jar:/home/hduser/ycsb-0.11.0/lib/core-0.11.0.jar:/home/hduser/ycsb-0.11.0/lib/jackson-mapper-asl-1.9.4.jar:/home/hduser/ycsb-0.11.0/lib/mysql-connector-java-5.1.45.jar:/home/hduser/ycsb-0.11.0/lib/htrace-core4-4.1.0-incubating.jar:/home/hduser/ycsb-0.11.0/jdbc-binding/lib/openjpa-lib-2.1.1.jar:/home/hduser/ycsb-0.11.0/jdbc-binding/lib/geronimo-jta\_1.1\_spec-1.1.1.jar:/home/hduser/ycsb-0.11.0/jdbc-binding/lib/openjpa-kernel-2.1.1.jar:/home/hduser/ycsb-0.11.0/jdbc-binding/lib/openjpa-jdbc-2.1.1.jar:/home/hduser/ycsb-0.11.0/jdbc-binding/lib/commons-pool-1.5.4.jar:/home/hduser/ycsb-0.11.0/jdbc-binding/lib/geronimo-jms\_1.1\_spec-1.1.1.jar:/home/hduser/ycsb-0.11.0/jdbc-binding/lib/commons-collections-3.2.1.jar:/home/hduser/ycsb-0.11.0/jdbc-binding/lib/serp-1.13.1.jar:/home/hduser/ycsb-0.11.0/jdbc-binding/lib/commons-lang-2.4.jar:/home/hduser/ycsb-0.11.0/jdbc-binding/lib/jdbc-binding-0.11.0.jar com.yahoo.ycsb.Client -db com.yahoo.ycsb.db.JdbcDBClient -P ./jdbc-binding/conf/db.properties -P workloads/workloada -t

YCSB Client 0.11.0

Command line: -db com.yahoo.ycsb.db.JdbcDBClient -P ./jdbc-binding/conf/db.properties -P workloads/workloada -t

Loading workload...

Starting test.

Adding shard node URL: jdbc:h2:tcp://foo.com:9092/~/h2/ycsb

Error in database operation: java.sql.SQLException: No suitable driver found for jdbc:h2:tcp://foo.com:9092/~/h2/ycsb

com.yahoo.ycsb.DBException: java.sql.SQLException: No suitable driver found for jdbc:h2:tcp://foo.com:9092/~/h2/ycsb

at com.yahoo.ycsb.db.JdbcDBClient.init(JdbcDBClient.java:281)

at com.yahoo.ycsb.DBWrapper.init(DBWrapper.java:99)

at com.yahoo.ycsb.ClientThread.run(Client.java:418)

at java.base/java.lang.Thread.run(Thread.java:844)

Caused by: java.sql.SQLException: No suitable driver found for jdbc:h2:tcp://foo.com:9092/~/h2/ycsb

at java.sql/java.sql.DriverManager.getConnection(DriverManager.java:702)

at java.sql/java.sql.DriverManager.getConnection(DriverManager.java:228)

at com.yahoo.ycsb.db.JdbcDBClient.init(JdbcDBClient.java:261)

... 3 more

com.yahoo.ycsb.DBException: java.sql.SQLException: No suitable driver found for jdbc:h2:tcp://foo.com:9092/~/h2/ycsb

at com.yahoo.ycsb.db.JdbcDBClient.init(JdbcDBClient.java:281)

at com.yahoo.ycsb.DBWrapper.init(DBWrapper.java:99)

at com.yahoo.ycsb.ClientThread.run(Client.java:418)

at java.base/java.lang.Thread.run(Thread.java:844)

Caused by: java.sql.SQLException: No suitable driver found for jdbc:h2:tcp://foo.com:9092/~/h2/ycsb

at java.sql/java.sql.DriverManager.getConnection(DriverManager.java:702)

at java.sql/java.sql.DriverManager.getConnection(DriverManager.java:228)

at com.yahoo.ycsb.db.JdbcDBClient.init(JdbcDBClient.java:261)

... 3 more

[OVERALL], RunTime(ms), 261.0

[OVERALL], Throughput(ops/sec), 0.0

[TOTAL\_GCS\_G1\_Young\_Generation], Count, 0.0

[TOTAL\_GC\_TIME\_G1\_Young\_Generation], Time(ms), 0.0

[TOTAL\_GC\_TIME\_%\_G1\_Young\_Generation], Time(%), 0.0

[TOTAL\_GCS\_G1\_Old\_Generation], Count, 0.0

[TOTAL\_GC\_TIME\_G1\_Old\_Generation], Time(ms), 0.0

[TOTAL\_GC\_TIME\_%\_G1\_Old\_Generation], Time(%), 0.0

[TOTAL\_GCs], Count, 0.0

[TOTAL\_GC\_TIME], Time(ms), 0.0

[TOTAL\_GC\_TIME\_%], Time(%), 0.0

hduser@x18104053-dsmprojb:~/ycsb-0.11.0$ cd..

cd..: command not found

hduser@x18104053-dsmprojb:~/ycsb-0.11.0$ cd ..

hduser@x18104053-dsmprojb:~$ cd ~

hduser@x18104053-dsmprojb:~$ cd ycsb-0.15.0/

hduser@x18104053-dsmprojb:~/ycsb-0.15.0$ ./bin/ycsb run jdbc -P ./jdbc-binding/conf/db.properties -P workloads/workloada

java -cp /home/hduser/ycsb-0.15.0/jdbc-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/jdbc-binding/lib/openjpa-lib-2.1.1.jar:/home/hduser/ycsb-0.15.0/jdbc-binding/lib/geronimo-jta\_1.1\_spec-1.1.1.jar:/home/hduser/ycsb-0.15.0/jdbc-binding/lib/openjpa-kernel-2.1.1.jar:/home/hduser/ycsb-0.15.0/jdbc-binding/lib/openjpa-jdbc-2.1.1.jar:/home/hduser/ycsb-0.15.0/jdbc-binding/lib/commons-pool-1.5.4.jar:/home/hduser/ycsb-0.15.0/jdbc-binding/lib/geronimo-jms\_1.1\_spec-1.1.1.jar:/home/hduser/ycsb-0.15.0/jdbc-binding/lib/commons-collections-3.2.1.jar:/home/hduser/ycsb-0.15.0/jdbc-binding/lib/serp-1.13.1.jar:/home/hduser/ycsb-0.15.0/jdbc-binding/lib/jdbc-binding-0.15.0.jar:/home/hduser/ycsb-0.15.0/jdbc-binding/lib/commons-lang-2.4.jar com.yahoo.ycsb.Client -db com.yahoo.ycsb.db.JdbcDBClient -P ./jdbc-binding/conf/db.properties -P workloads/workloada -t

Command line: -db com.yahoo.ycsb.db.JdbcDBClient -P ./jdbc-binding/conf/db.properties -P workloads/workloada -t

YCSB Client 0.15.0

Loading workload...

Starting test.

Error in initializing the JDBS driver: java.lang.ClassNotFoundException: org.h2.Driver

com.yahoo.ycsb.DBException: java.lang.ClassNotFoundException: org.h2.Driver

at com.yahoo.ycsb.db.JdbcDBClient.init(JdbcDBClient.java:220)

at com.yahoo.ycsb.DBWrapper.init(DBWrapper.java:86)

at com.yahoo.ycsb.ClientThread.run(Client.java:424)

at java.base/java.lang.Thread.run(Thread.java:844)

Caused by: java.lang.ClassNotFoundException: org.h2.Driver

at java.base/jdk.internal.loader.BuiltinClassLoader.loadClass(BuiltinClassLoader.java:583)

at java.base/jdk.internal.loader.ClassLoaders$AppClassLoader.loadClass(ClassLoaders.java:190)

at java.base/java.lang.ClassLoader.loadClass(ClassLoader.java:499)

at java.base/java.lang.Class.forName0(Native Method)

at java.base/java.lang.Class.forName(Class.java:291)

at com.yahoo.ycsb.db.JdbcDBClient.init(JdbcDBClient.java:194)

... 3 more

com.yahoo.ycsb.DBException: java.lang.ClassNotFoundException: org.h2.Driver

at com.yahoo.ycsb.db.JdbcDBClient.init(JdbcDBClient.java:220)

at com.yahoo.ycsb.DBWrapper.init(DBWrapper.java:86)

at com.yahoo.ycsb.ClientThread.run(Client.java:424)

at java.base/java.lang.Thread.run(Thread.java:844)

Caused by: java.lang.ClassNotFoundException: org.h2.Driver

at java.base/jdk.internal.loader.BuiltinClassLoader.loadClass(BuiltinClassLoader.java:583)

at java.base/jdk.internal.loader.ClassLoaders$AppClassLoader.loadClass(ClassLoaders.java:190)

at java.base/java.lang.ClassLoader.loadClass(ClassLoader.java:499)

at java.base/java.lang.Class.forName0(Native Method)

at java.base/java.lang.Class.forName(Class.java:291)

at com.yahoo.ycsb.db.JdbcDBClient.init(JdbcDBClient.java:194)

... 3 more

[OVERALL], RunTime(ms), 9

[OVERALL], Throughput(ops/sec), 0.0

[TOTAL\_GCS\_G1\_Young\_Generation], Count, 0

[TOTAL\_GC\_TIME\_G1\_Young\_Generation], Time(ms), 0

[TOTAL\_GC\_TIME\_%\_G1\_Young\_Generation], Time(%), 0.0

[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, 0

[TOTAL\_GC\_TIME], Time(ms), 0

[TOTAL\_GC\_TIME\_%], Time(%), 0.0

hduser@x18104053-dsmprojb:~/ycsb-0.15.0$ ls

LICENSE.txt asynchbase-binding couchbase2-binding googledatastore-binding ignite-binding memcached-binding rest-binding workloads

NOTICE.txt azuredocumentdb-binding dynamodb-binding hbase098-binding infinispan-binding mongodb-binding riak-binding

accumulo1.6-binding azuretablestorage-binding elasticsearch-binding hbase10-binding jdbc-binding nosqldb-binding rocksdb-binding

accumulo1.7-binding bin elasticsearch5-binding hbase12-binding kudu-binding orientdb-binding s3-binding

accumulo1.8-binding cassandra-binding foundationdb-binding hbase14-binding lib output solr-binding

aerospike-binding cloudspanner-binding geode-binding hbase20-binding maprdb-binding rados-binding solr6-binding

arangodb-binding couchbase-binding googlebigtable-binding hypertable-binding maprjsondb-binding redis-binding tarantool-binding

hduser@x18104053-dsmprojb:~/ycsb-0.15.0$ cd ~

hduser@x18104053-dsmprojb:~$ cd testharness/

hduser@x18104053-dsmprojb:~/testharness$ ls

opcounts.txt runtest.sh testdbs.txt.save usertableClear.hbase usertableClear.sql

opcounts.txt.save testdbs.txt usertableClear.cql usertableClear.js workloadlist.txt

hduser@x18104053-dsmprojb:~/testharness$ ls

opcounts.txt runtest.sh testdbs.txt.save usertableClear.hbase usertableClear.sql

opcounts.txt.save testdbs.txt usertableClear.cql usertableClear.js workloadlist.txt

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

hduser@x18104053-dsmprojb:~$ cd home

-su: cd: home: No such file or directory

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

hduser@x18104053-dsmprojb:/home$ ls

hduser lecuser ubuntu

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

hduser@x18104053-dsmprojb:~$ ls

hbase hdfs testharness testharness.tgz tmp ycsb-0.11.0 ycsb-0.11.0.tar.gz ycsb-0.15.0 ycsb-0.15.0.tar.gz

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

hduser@x18104053-dsmprojb:~/testharness$ ls

opcounts.txt runtest.sh testdbs.txt.save usertableClear.hbase usertableClear.sql

opcounts.txt.save testdbs.txt usertableClear.cql usertableClear.js workloadlist.txt

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

[sudo] password for hduser:

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

hduser@x18104053-dsmprojb:~$ cd ycsb-0.15.0/

hduser@x18104053-dsmprojb:~/ycsb-0.15.0$ ./bin/ycsb run jdbc -P ./jdbc-binding/conf/db.properties -P workloads/workloada

java -cp /home/hduser/ycsb-0.15.0/jdbc-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/jdbc-binding/lib/openjpa-lib-2.1.1.jar:/home/hduser/ycsb-0.15.0/jdbc-binding/lib/geronimo-jta\_1.1\_spec-1.1.1.jar:/home/hduser/ycsb-0.15.0/jdbc-binding/lib/openjpa-kernel-2.1.1.jar:/home/hduser/ycsb-0.15.0/jdbc-binding/lib/openjpa-jdbc-2.1.1.jar:/home/hduser/ycsb-0.15.0/jdbc-binding/lib/commons-pool-1.5.4.jar:/home/hduser/ycsb-0.15.0/jdbc-binding/lib/geronimo-jms\_1.1\_spec-1.1.1.jar:/home/hduser/ycsb-0.15.0/jdbc-binding/lib/commons-collections-3.2.1.jar:/home/hduser/ycsb-0.15.0/jdbc-binding/lib/serp-1.13.1.jar:/home/hduser/ycsb-0.15.0/jdbc-binding/lib/jdbc-binding-0.15.0.jar:/home/hduser/ycsb-0.15.0/jdbc-binding/lib/commons-lang-2.4.jar com.yahoo.ycsb.Client -db com.yahoo.ycsb.db.JdbcDBClient -P ./jdbc-binding/conf/db.properties -P workloads/workloada -t

Command line: -db com.yahoo.ycsb.db.JdbcDBClient -P ./jdbc-binding/conf/db.properties -P workloads/workloada -t

YCSB Client 0.15.0

Loading workload...

Starting test.

Error in initializing the JDBS driver: java.lang.ClassNotFoundException: org.h2.Driver

com.yahoo.ycsb.DBException: java.lang.ClassNotFoundException: org.h2.Driver

at com.yahoo.ycsb.db.JdbcDBClient.init(JdbcDBClient.java:220)

at com.yahoo.ycsb.DBWrapper.init(DBWrapper.java:86)

at com.yahoo.ycsb.ClientThread.run(Client.java:424)

at java.base/java.lang.Thread.run(Thread.java:844)

Caused by: java.lang.ClassNotFoundException: org.h2.Driver

at java.base/jdk.internal.loader.BuiltinClassLoader.loadClass(BuiltinClassLoader.java:583)

at java.base/jdk.internal.loader.ClassLoaders$AppClassLoader.loadClass(ClassLoaders.java:190)

at java.base/java.lang.ClassLoader.loadClass(ClassLoader.java:499)

at java.base/java.lang.Class.forName0(Native Method)

at java.base/java.lang.Class.forName(Class.java:291)

at com.yahoo.ycsb.db.JdbcDBClient.init(JdbcDBClient.java:194)

... 3 more

com.yahoo.ycsb.DBException: java.lang.ClassNotFoundException: org.h2.Driver

at com.yahoo.ycsb.db.JdbcDBClient.init(JdbcDBClient.java:220)

at com.yahoo.ycsb.DBWrapper.init(DBWrapper.java:86)

at com.yahoo.ycsb.ClientThread.run(Client.java:424)

at java.base/java.lang.Thread.run(Thread.java:844)

Caused by: java.lang.ClassNotFoundException: org.h2.Driver

at java.base/jdk.internal.loader.BuiltinClassLoader.loadClass(BuiltinClassLoader.java:583)

at java.base/jdk.internal.loader.ClassLoaders$AppClassLoader.loadClass(ClassLoaders.java:190)

at java.base/java.lang.ClassLoader.loadClass(ClassLoader.java:499)

at java.base/java.lang.Class.forName0(Native Method)

at java.base/java.lang.Class.forName(Class.java:291)

at com.yahoo.ycsb.db.JdbcDBClient.init(JdbcDBClient.java:194)

... 3 more

[OVERALL], RunTime(ms), 5

[OVERALL], Throughput(ops/sec), 0.0

[TOTAL\_GCS\_G1\_Young\_Generation], Count, 0

[TOTAL\_GC\_TIME\_G1\_Young\_Generation], Time(ms), 0

[TOTAL\_GC\_TIME\_%\_G1\_Young\_Generation], Time(%), 0.0

[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, 0

[TOTAL\_GC\_TIME], Time(ms), 0

[TOTAL\_GC\_TIME\_%], Time(%), 0.0

hduser@x18104053-dsmprojb:~/ycsb-0.15.0$ ./bin/ycsb run mongodb -s -P workloads/workloada

java -cp /home/hduser/ycsb-0.15.0/mongodb-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/mongodb-binding/lib/logback-classic-1.1.2.jar:/home/hduser/ycsb-0.15.0/mongodb-binding/lib/mongodb-binding-0.15.0.jar:/home/hduser/ycsb-0.15.0/mongodb-binding/lib/snappy-java-1.1.7.1.jar:/home/hduser/ycsb-0.15.0/mongodb-binding/lib/slf4j-api-1.7.25.jar:/home/hduser/ycsb-0.15.0/mongodb-binding/lib/logback-core-1.1.2.jar:/home/hduser/ycsb-0.15.0/mongodb-binding/lib/mongodb-async-driver-2.0.1.jar:/home/hduser/ycsb-0.15.0/mongodb-binding/lib/mongo-java-driver-3.6.3.jar com.yahoo.ycsb.Client -db com.yahoo.ycsb.db.MongoDbClient -s -P workloads/workloada -t

Command line: -db com.yahoo.ycsb.db.MongoDbClient -s -P workloads/workloada -t

YCSB Client 0.15.0

Loading workload...

(might take a few minutes for large data sets)

Starting test.

2018-12-19 03:53:19:427 0 sec: 0 operations; est completion in 0 second

mongo client connection created with mongodb://localhost:27017/ycsb?w=1

DBWrapper: report latency for each error is false and specific error codes to track for latency are: []

2018-12-19 03:53:27:780 8 sec: 1000 operations; 117.14 current ops/sec; [READ: Count=494, Max=45855, Min=368, Avg=1250.19, 90=1965, 99=10831, 99.9=45855, 99.99=45855] [CLEANUP: Count=1, Max=2895, Min=2894, Avg=2895, 90=2895, 99=2895, 99.9=2895, 99.99=2895] [UPDATE: Count=506, Max=396287, Min=376, Avg=1760.27, 90=1681, 99=5819, 99.9=12815, 99.99=396287]

[OVERALL], RunTime(ms), 8538

[OVERALL], Throughput(ops/sec), 117.12344811431248

[TOTAL\_GCS\_G1\_Young\_Generation], Count, 4

[TOTAL\_GC\_TIME\_G1\_Young\_Generation], Time(ms), 28

[TOTAL\_GC\_TIME\_%\_G1\_Young\_Generation], Time(%), 0.327945654720075

[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, 4

[TOTAL\_GC\_TIME], Time(ms), 28

[TOTAL\_GC\_TIME\_%], Time(%), 0.327945654720075

[READ], Operations, 494

[READ], AverageLatency(us), 1250.1943319838056

[READ], MinLatency(us), 368

[READ], MaxLatency(us), 45855

[READ], 95thPercentileLatency(us), 3647

[READ], 99thPercentileLatency(us), 10831

[READ], Return=OK, 494

[CLEANUP], Operations, 1

[CLEANUP], AverageLatency(us), 2895.0

[CLEANUP], MinLatency(us), 2894

[CLEANUP], MaxLatency(us), 2895

[CLEANUP], 95thPercentileLatency(us), 2895

[CLEANUP], 99thPercentileLatency(us), 2895

[UPDATE], Operations, 506

[UPDATE], AverageLatency(us), 1760.2667984189723

[UPDATE], MinLatency(us), 376

[UPDATE], MaxLatency(us), 396287

[UPDATE], 95thPercentileLatency(us), 3349

[UPDATE], 99thPercentileLatency(us), 5819

[UPDATE], Return=OK, 506

hduser@x18104053-dsmprojb:~/ycsb-0.15.0$ ./bin/ycsb load mongodb -s -P workloads/workloada

java -cp /home/hduser/ycsb-0.15.0/mongodb-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/mongodb-binding/lib/logback-classic-1.1.2.jar:/home/hduser/ycsb-0.15.0/mongodb-binding/lib/mongodb-binding-0.15.0.jar:/home/hduser/ycsb-0.15.0/mongodb-binding/lib/snappy-java-1.1.7.1.jar:/home/hduser/ycsb-0.15.0/mongodb-binding/lib/slf4j-api-1.7.25.jar:/home/hduser/ycsb-0.15.0/mongodb-binding/lib/logback-core-1.1.2.jar:/home/hduser/ycsb-0.15.0/mongodb-binding/lib/mongodb-async-driver-2.0.1.jar:/home/hduser/ycsb-0.15.0/mongodb-binding/lib/mongo-java-driver-3.6.3.jar com.yahoo.ycsb.Client -db com.yahoo.ycsb.db.MongoDbClient -s -P workloads/workloada -load

Command line: -db com.yahoo.ycsb.db.MongoDbClient -s -P workloads/workloada -load

YCSB Client 0.15.0

Loading workload...

Starting test.

2018-12-19 03:54:45:150 0 sec: 0 operations; est completion in 0 second

mongo client connection created with mongodb://localhost:27017/ycsb?w=1

DBWrapper: report latency for each error is false and specific error codes to track for latency are: []

Exception while trying bulk insert with 0

com.mongodb.MongoWriteException: E11000 duplicate key error collection: ycsb.usertable index: \_id\_ dup key: { : "user6284781860667377211" }

at com.mongodb.MongoCollectionImpl.executeSingleWriteRequest(MongoCollectionImpl.java:1033)

at com.mongodb.MongoCollectionImpl.executeInsertOne(MongoCollectionImpl.java:513)

at com.mongodb.MongoCollectionImpl.insertOne(MongoCollectionImpl.java:493)

at com.mongodb.MongoCollectionImpl.insertOne(MongoCollectionImpl.java:487)

at com.yahoo.ycsb.db.MongoDbClient.insert(MongoDbClient.java:270)

at com.yahoo.ycsb.DBWrapper.insert(DBWrapper.java:221)

at com.yahoo.ycsb.workloads.CoreWorkload.doInsert(CoreWorkload.java:588)

at com.yahoo.ycsb.ClientThread.run(Client.java:468)

at java.base/java.lang.Thread.run(Thread.java:844)

Error inserting, not retrying any more. number of attempts: 1Insertion Retry Limit: 0

2018-12-19 03:54:46:386 1 sec: 0 operations; est completion in 106751991167300 days 15 hours [CLEANUP: Count=1, Max=6623, Min=6620, Avg=6622, 90=6623, 99=6623, 99.9=6623, 99.99=6623] [INSERT: Count=0, Max=0, Min=9223372036854775807, Avg=NaN, 90=0, 99=0, 99.9=0, 99.99=0] [INSERT-FAILED: Count=1, Max=134911, Min=134784, Avg=134848, 90=134911, 99=134911, 99.9=134911, 99.99=134911]

[OVERALL], RunTime(ms), 1401

[OVERALL], Throughput(ops/sec), 0.0

[TOTAL\_GCS\_G1\_Young\_Generation], Count, 3

[TOTAL\_GC\_TIME\_G1\_Young\_Generation], Time(ms), 18

[TOTAL\_GC\_TIME\_%\_G1\_Young\_Generation], Time(%), 1.284796573875803

[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, 3

[TOTAL\_GC\_TIME], Time(ms), 18

[TOTAL\_GC\_TIME\_%], Time(%), 1.284796573875803

[CLEANUP], Operations, 1

[CLEANUP], AverageLatency(us), 6622.0

[CLEANUP], MinLatency(us), 6620

[CLEANUP], MaxLatency(us), 6623

[CLEANUP], 95thPercentileLatency(us), 6623

[CLEANUP], 99thPercentileLatency(us), 6623

[INSERT], Operations, 0

[INSERT], AverageLatency(us), NaN

[INSERT], MinLatency(us), 9223372036854775807

[INSERT], MaxLatency(us), 0

[INSERT], 95thPercentileLatency(us), 0

[INSERT], 99thPercentileLatency(us), 0

[INSERT], Return=ERROR, 1

[INSERT-FAILED], Operations, 1

[INSERT-FAILED], AverageLatency(us), 134848.0

[INSERT-FAILED], MinLatency(us), 134784

[INSERT-FAILED], MaxLatency(us), 134911

[INSERT-FAILED], 95thPercentileLatency(us), 134911

[INSERT-FAILED], 99thPercentileLatency(us), 134911

hduser@x18104053-dsmprojb:~/ycsb-0.15.0$ ./bin/ycsb run mongodb -s -P workloads/workloadb

java -cp /home/hduser/ycsb-0.15.0/mongodb-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/mongodb-binding/lib/logback-classic-1.1.2.jar:/home/hduser/ycsb-0.15.0/mongodb-binding/lib/mongodb-binding-0.15.0.jar:/home/hduser/ycsb-0.15.0/mongodb-binding/lib/snappy-java-1.1.7.1.jar:/home/hduser/ycsb-0.15.0/mongodb-binding/lib/slf4j-api-1.7.25.jar:/home/hduser/ycsb-0.15.0/mongodb-binding/lib/logback-core-1.1.2.jar:/home/hduser/ycsb-0.15.0/mongodb-binding/lib/mongodb-async-driver-2.0.1.jar:/home/hduser/ycsb-0.15.0/mongodb-binding/lib/mongo-java-driver-3.6.3.jar com.yahoo.ycsb.Client -db com.yahoo.ycsb.db.MongoDbClient -s -P workloads/workloadb -t

Command line: -db com.yahoo.ycsb.db.MongoDbClient -s -P workloads/workloadb -t

YCSB Client 0.15.0

Loading workload...

Starting test.

2018-12-19 03:55:30:310 0 sec: 0 operations; est completion in 0 second

mongo client connection created with mongodb://localhost:27017/ycsb?w=1

DBWrapper: report latency for each error is false and specific error codes to track for latency are: []

2018-12-19 03:55:31:932 1 sec: 1000 operations; 569.48 current ops/sec; [READ: Count=943, Max=15895, Min=196, Avg=740.71, 90=1513, 99=3873, 99.9=11727, 99.99=15895] [CLEANUP: Count=1, Max=2515, Min=2514, Avg=2515, 90=2515, 99=2515, 99.9=2515, 99.99=2515] [UPDATE: Count=57, Max=76991, Min=363, Avg=2235.91, 90=1488, 99=4727, 99.9=76991, 99.99=76991]

[OVERALL], RunTime(ms), 1756

[OVERALL], Throughput(ops/sec), 569.4760820045558

[TOTAL\_GCS\_G1\_Young\_Generation], Count, 4

[TOTAL\_GC\_TIME\_G1\_Young\_Generation], Time(ms), 21

[TOTAL\_GC\_TIME\_%\_G1\_Young\_Generation], Time(%), 1.1958997722095672

[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, 4

[TOTAL\_GC\_TIME], Time(ms), 21

[TOTAL\_GC\_TIME\_%], Time(%), 1.1958997722095672

[READ], Operations, 943

[READ], AverageLatency(us), 740.7062566277837

[READ], MinLatency(us), 196

[READ], MaxLatency(us), 15895

[READ], 95thPercentileLatency(us), 2451

[READ], 99thPercentileLatency(us), 3873

[READ], Return=OK, 943

[CLEANUP], Operations, 1

[CLEANUP], AverageLatency(us), 2515.0

[CLEANUP], MinLatency(us), 2514

[CLEANUP], MaxLatency(us), 2515

[CLEANUP], 95thPercentileLatency(us), 2515

[CLEANUP], 99thPercentileLatency(us), 2515

[UPDATE], Operations, 57

[UPDATE], AverageLatency(us), 2235.9122807017543

[UPDATE], MinLatency(us), 363

[UPDATE], MaxLatency(us), 76991

[UPDATE], 95thPercentileLatency(us), 3151

[UPDATE], 99thPercentileLatency(us), 4727

[UPDATE], Return=OK, 57

hduser@x18104053-dsmprojb:~/ycsb-0.15.0$ cd ..

hduser@x18104053-dsmprojb:~$ cd testharness/

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

hduser@x18104053-dsmprojb:~/testharness$ ./runtest.sh 2M

DATABASE: mongodb

WORKLOAD: workloada

OPCOUNT: 200000

clear down

mongodb

MongoDB shell version: 3.2.10

connecting to: test

switched to db ycsb

WriteResult({ "nRemoved" : 1061 })

bye

Running load phase

mongodb

java -cp /home/hduser/ycsb-0.15.0/mongodb-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/mongodb-binding/lib/logback-classic-1.1.2.jar:/home/hduser/ycsb-0.15.0/mongodb-binding/lib/mongodb-binding-0.15.0.jar:/home/hduser/ycsb-0.15.0/mongodb-binding/lib/snappy-java-1.1.7.1.jar:/home/hduser/ycsb-0.15.0/mongodb-binding/lib/slf4j-api-1.7.25.jar:/home/hduser/ycsb-0.15.0/mongodb-binding/lib/logback-core-1.1.2.jar:/home/hduser/ycsb-0.15.0/mongodb-binding/lib/mongodb-async-driver-2.0.1.jar:/home/hduser/ycsb-0.15.0/mongodb-binding/lib/mongo-java-driver-3.6.3.jar com.yahoo.ycsb.Client -db com.yahoo.ycsb.db.MongoDbClient -s -P /home/hduser/ycsb-0.15.0/workloads/workloada -p recordcount=200000 -p operationcount=200000 -load

Command line: -db com.yahoo.ycsb.db.MongoDbClient -s -P /home/hduser/ycsb-0.15.0/workloads/workloada -p recordcount=200000 -p operationcount=200000 -load

YCSB Client 0.15.0

Loading workload...

Starting test.

2018-12-19 03:59:04:220 0 sec: 0 operations; est completion in 0 second

mongo client connection created with mongodb://localhost:27017/ycsb?w=1DBWrapper: report latency for each error is false and specific error codes to track for latency are: []

2018-12-19 03:59:14:103 10 sec: 42255 operations; 4225.5 current ops/sec; est completion in 38 seconds [INSERT: Count=42255, Max=76607, Min=114, Avg=213.9, 90=296, 99=557, 99.9=2759, 99.99=7103]

2018-12-19 03:59:24:103 20 sec: 108229 operations; 6597.4 current ops/sec; est completion in 17 seconds [INSERT: Count=65974, Max=15703, Min=106, Avg=148.88, 90=177, 99=245, 99.9=928, 99.99=4463]

2018-12-19 03:59:34:103 30 sec: 166821 operations; 5859.2 current ops/sec; est completion in 6 second [INSERT: Count=58592, Max=28703, Min=105, Avg=168.13, 90=204, 99=326, 99.9=1062, 99.99=6191]

2018-12-19 03:59:39:644 35 sec: 200000 operations; 5987.91 current ops/sec; [CLEANUP: Count=1, Max=3725, Min=3724, Avg=3725, 90=3725, 99=3725, 99.9=3725, 99.99=3725] [INSERT: Count=33179, Max=11111, Min=107, Avg=164.52, 90=206, 99=328, 99.9=742, 99.99=3527]

[OVERALL], RunTime(ms), 35541

[OVERALL], Throughput(ops/sec), 5627.303677442953

[TOTAL\_GCS\_G1\_Young\_Generation], Count, 59

[TOTAL\_GC\_TIME\_G1\_Young\_Generation], Time(ms), 88

[TOTAL\_GC\_TIME\_%\_G1\_Young\_Generation], Time(%), 0.24760136180748993

[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, 59

[TOTAL\_GC\_TIME], Time(ms), 88

[TOTAL\_GC\_TIME\_%], Time(%), 0.24760136180748993

[CLEANUP], Operations, 1

[CLEANUP], AverageLatency(us), 3725.0

[CLEANUP], MinLatency(us), 3724

[CLEANUP], MaxLatency(us), 3725

[CLEANUP], 95thPercentileLatency(us), 3725

[CLEANUP], 99thPercentileLatency(us), 3725

[INSERT], Operations, 200000

[INSERT], AverageLatency(us), 170.849575

[INSERT], MinLatency(us), 105

[INSERT], MaxLatency(us), 76607

[INSERT], 95thPercentileLatency(us), 260

[INSERT], 99thPercentileLatency(us), 378

[INSERT], Return=OK, 200000

Running run phase

mongodb

java -cp /home/hduser/ycsb-0.15.0/mongodb-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/mongodb-binding/lib/logback-classic-1.1.2.jar:/home/hduser/ycsb-0.15.0/mongodb-binding/lib/mongodb-binding-0.15.0.jar:/home/hduser/ycsb-0.15.0/mongodb-binding/lib/snappy-java-1.1.7.1.jar:/home/hduser/ycsb-0.15.0/mongodb-binding/lib/slf4j-api-1.7.25.jar:/home/hduser/ycsb-0.15.0/mongodb-binding/lib/logback-core-1.1.2.jar:/home/hduser/ycsb-0.15.0/mongodb-binding/lib/mongodb-async-driver-2.0.1.jar:/home/hduser/ycsb-0.15.0/mongodb-binding/lib/mongo-java-driver-3.6.3.jar com.yahoo.ycsb.Client -db com.yahoo.ycsb.db.MongoDbClient -s -P /home/hduser/ycsb-0.15.0/workloads/workloada -p recordcount=200000 -p operationcount=200000 -t

Command line: -db com.yahoo.ycsb.db.MongoDbClient -s -P /home/hduser/ycsb-0.15.0/workloads/workloada -p recordcount=200000 -p operationcount=200000 -t

YCSB Client 0.15.0

Loading workload...

Starting test.

2018-12-19 03:59:40:147 0 sec: 0 operations; est completion in 0 second

mongo client connection created with mongodb://localhost:27017/ycsb?w=1

DBWrapper: report latency for each error is false and specific error codes to track for latency are: []

2018-12-19 03:59:50:007 10 sec: 23947 operations; 2394.7 current ops/sec; est completion in 1 minute [READ: Count=11945, Max=79167, Min=157, Avg=308.36, 90=371, 99=1316, 99.9=7119, 99.99=32543] [UPDATE: Count=12059, Max=1254399, Min=176, Avg=435.77, 90=400, 99=1229, 99.9=7591, 99.99=60767]

2018-12-19 04:00:00:007 20 sec: 65486 operations; 4153.9 current ops/sec; est completion in 42 seconds [READ: Count=20843, Max=15207, Min=120, Avg=221.53, 90=257, 99=689, 99.9=4535, 99.99=8199] [UPDATE: Count=20652, Max=8495, Min=139, Avg=247.75, 90=290, 99=778, 99.9=4263, 99.99=7951]

2018-12-19 04:00:10:007 30 sec: 112369 operations; 4688.3 current ops/sec; est completion in 24 seconds [READ: Count=23390, Max=7443, Min=115, Avg=197.98, 90=244, 99=436, 99.9=3097, 99.99=6987] [UPDATE: Count=23480, Max=8807, Min=134, Avg=222.5, 90=276, 99=484, 99.9=2833, 99.99=6207]

2018-12-19 04:00:20:007 40 sec: 161140 operations; 4877.1 current ops/sec; est completion in 10 seconds [READ: Count=24260, Max=7967, Min=115, Avg=191.26, 90=225, 99=434, 99.9=4029, 99.99=7459] [UPDATE: Count=24511, Max=15151, Min=133, Avg=213.35, 90=253, 99=422, 99.9=3439, 99.99=8559]

2018-12-19 04:00:28:313 48 sec: 200000 operations; 4679.11 current ops/sec; [READ: Count=19311, Max=8927, Min=115, Avg=197.62, 90=235, 99=498, 99.9=3697, 99.99=7243] [CLEANUP: Count=1, Max=3225, Min=3224, Avg=3225, 90=3225, 99=3225, 99.9=3225, 99.99=3225] [UPDATE: Count=19549, Max=60127, Min=134, Avg=223.83, 90=263, 99=529, 99.9=4195, 99.99=8767]

[OVERALL], RunTime(ms), 48308

[OVERALL], Throughput(ops/sec), 4140.10101846485

[TOTAL\_GCS\_G1\_Young\_Generation], Count, 79

[TOTAL\_GC\_TIME\_G1\_Young\_Generation], Time(ms), 160

[TOTAL\_GC\_TIME\_%\_G1\_Young\_Generation], Time(%), 0.33120808147718805

[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, 79

[TOTAL\_GC\_TIME], Time(ms), 160

[TOTAL\_GC\_TIME\_%], Time(%), 0.33120808147718805

[READ], Operations, 99749

[READ], AverageLatency(us), 214.41395903718333

[READ], MinLatency(us), 115

[READ], MaxLatency(us), 79167

[READ], 95thPercentileLatency(us), 305

[READ], 99thPercentileLatency(us), 605

[READ], Return=OK, 99749

[CLEANUP], Operations, 1

[CLEANUP], AverageLatency(us), 3225.0

[CLEANUP], MinLatency(us), 3224

[CLEANUP], MaxLatency(us), 3225

[CLEANUP], 95thPercentileLatency(us), 3225

[CLEANUP], 99thPercentileLatency(us), 3225

[UPDATE], Operations, 100251

[UPDATE], AverageLatency(us), 251.3789089385642

[UPDATE], MinLatency(us), 133

[UPDATE], MaxLatency(us), 1254399

[UPDATE], 95thPercentileLatency(us), 339

[UPDATE], 99thPercentileLatency(us), 615

[UPDATE], Return=OK, 100251

WORKLOAD: workloadb

OPCOUNT: 200000

clear down

mongodb

MongoDB shell version: 3.2.10

connecting to: test

switched to db ycsb

WriteResult({ "nRemoved" : 200000 })

bye

Running load phase

mongodb

java -cp /home/hduser/ycsb-0.15.0/mongodb-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/mongodb-binding/lib/logback-classic-1.1.2.jar:/home/hduser/ycsb-0.15.0/mongodb-binding/lib/mongodb-binding-0.15.0.jar:/home/hduser/ycsb-0.15.0/mongodb-binding/lib/snappy-java-1.1.7.1.jar:/home/hduser/ycsb-0.15.0/mongodb-binding/lib/slf4j-api-1.7.25.jar:/home/hduser/ycsb-0.15.0/mongodb-binding/lib/logback-core-1.1.2.jar:/home/hduser/ycsb-0.15.0/mongodb-binding/lib/mongodb-async-driver-2.0.1.jar:/home/hduser/ycsb-0.15.0/mongodb-binding/lib/mongo-java-driver-3.6.3.jar com.yahoo.ycsb.Client -db com.yahoo.ycsb.db.MongoDbClient -s -P /home/hduser/ycsb-0.15.0/workloads/workloadb -p recordcount=200000 -p operationcount=200000 -load

Command line: -db com.yahoo.ycsb.db.MongoDbClient -s -P /home/hduser/ycsb-0.15.0/workloads/workloadb -p recordcount=200000 -p operationcount=200000 -load

YCSB Client 0.15.0

Loading workload...

Starting test.

2018-12-19 04:00:31:936 0 sec: 0 operations; est completion in 0 second

mongo client connection created with mongodb://localhost:27017/ycsb?w=1

DBWrapper: report latency for each error is false and specific error codes to track for latency are: []

2018-12-19 04:00:41:726 10 sec: 37456 operations; 3745.6 current ops/sec; est completion in 44 seconds [INSERT: Count=37456, Max=76927, Min=111, Avg=232.85, 90=318, 99=601, 99.9=2765, 99.99=8823]

2018-12-19 04:00:51:726 20 sec: 96515 operations; 5905.9 current ops/sec; est completion in 22 seconds [INSERT: Count=59059, Max=8543, Min=110, Avg=166.42, 90=200, 99=321, 99.9=1237, 99.99=5887]

2018-12-19 04:01:01:726 30 sec: 159091 operations; 6257.6 current ops/sec; est completion in 8 second [INSERT: Count=62576, Max=13447, Min=106, Avg=157.6, 90=191, 99=291, 99.9=1006, 99.99=6199]

2018-12-19 04:01:08:586 36 sec: 200000 operations; 5963.41 current ops/sec; [CLEANUP: Count=1, Max=2627, Min=2626, Avg=2627, 90=2627, 99=2627, 99.9=2627, 99.99=2627] [INSERT: Count=40909, Max=38143, Min=106, Avg=165.26, 90=198, 99=317, 99.9=1410, 99.99=6875]

[OVERALL], RunTime(ms), 36866

[OVERALL], Throughput(ops/sec), 5425.052894265719

[TOTAL\_GCS\_G1\_Young\_Generation], Count, 59

[TOTAL\_GC\_TIME\_G1\_Young\_Generation], Time(ms), 98

[TOTAL\_GC\_TIME\_%\_G1\_Young\_Generation], Time(%), 0.26582759181902027

[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, 59

[TOTAL\_GC\_TIME], Time(ms), 98

[TOTAL\_GC\_TIME\_%], Time(%), 0.26582759181902027

[CLEANUP], Operations, 1

[CLEANUP], AverageLatency(us), 2627.0

[CLEANUP], MinLatency(us), 2626

[CLEANUP], MaxLatency(us), 2627

[CLEANUP], 95thPercentileLatency(us), 2627

[CLEANUP], 99thPercentileLatency(us), 2627

[INSERT], Operations, 200000

[INSERT], AverageLatency(us), 175.863245

[INSERT], MinLatency(us), 106

[INSERT], MaxLatency(us), 76927

[INSERT], 95thPercentileLatency(us), 277

[INSERT], 99thPercentileLatency(us), 395

[INSERT], Return=OK, 200000

Running run phase

mongodb

java -cp /home/hduser/ycsb-0.15.0/mongodb-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/mongodb-binding/lib/logback-classic-1.1.2.jar:/home/hduser/ycsb-0.15.0/mongodb-binding/lib/mongodb-binding-0.15.0.jar:/home/hduser/ycsb-0.15.0/mongodb-binding/lib/snappy-java-1.1.7.1.jar:/home/hduser/ycsb-0.15.0/mongodb-binding/lib/slf4j-api-1.7.25.jar:/home/hduser/ycsb-0.15.0/mongodb-binding/lib/logback-core-1.1.2.jar:/home/hduser/ycsb-0.15.0/mongodb-binding/lib/mongodb-async-driver-2.0.1.jar:/home/hduser/ycsb-0.15.0/mongodb-binding/lib/mongo-java-driver-3.6.3.jar com.yahoo.ycsb.Client -db com.yahoo.ycsb.db.MongoDbClient -s -P /home/hduser/ycsb-0.15.0/workloads/workloadb -p recordcount=200000 -p operationcount=200000 -t

Command line: -db com.yahoo.ycsb.db.MongoDbClient -s -P /home/hduser/ycsb-0.15.0/workloads/workloadb -p recordcount=200000 -p operationcount=200000 -t

YCSB Client 0.15.0

Loading workload...

Starting test.

2018-12-19 04:01:09:248 0 sec: 0 operations; est completion in 0 second

mongo client connection created with mongodb://localhost:27017/ycsb?w=1

DBWrapper: report latency for each error is false and specific error codes to track for latency are: []

2018-12-19 04:01:19:082 10 sec: 32222 operations; 3221.88 current ops/sec; est completion in 53 seconds [READ: Count=30545, Max=90175, Min=145, Avg=263, 90=297, 99=700, 99.9=3909, 99.99=10375] [UPDATE: Count=1689, Max=14247, Min=225, Avg=389.46, 90=445, 99=2155, 99.9=7027, 99.99=14247]

2018-12-19 04:01:29:082 20 sec: 82553 operations; 5033.1 current ops/sec; est completion in 29 seconds [READ: Count=47819, Max=7855, Min=116, Avg=188.95, 90=234, 99=347, 99.9=1345, 99.99=6379] [UPDATE: Count=2508, Max=9263, Min=161, Avg=284.7, 90=324, 99=533, 99.9=6591, 99.99=9263]

2018-12-19 04:01:39:082 30 sec: 137649 operations; 5510.15 current ops/sec; est completion in 14 seconds [READ: Count=52331, Max=12607, Min=110, Avg=174.65, 90=212, 99=347, 99.9=1350, 99.99=6355] [UPDATE: Count=2757, Max=8815, Min=158, Avg=255.14, 90=298, 99=534, 99.9=5583, 99.99=8815]

2018-12-19 04:01:49:082 40 sec: 195418 operations; 5776.9 current ops/sec; est completion in 1 second [READ: Count=54965, Max=10743, Min=114, Avg=167.7, 90=201, 99=267, 99.9=1110, 99.99=5483] [UPDATE: Count=2804, Max=8799, Min=149, Avg=227.63, 90=264, 99=362, 99.9=3121, 99.99=8799]

2018-12-19 04:01:49:865 40 sec: 200000 operations; 5844.39 current ops/sec; [READ: Count=4349, Max=5439, Min=115, Avg=165.35, 90=198, 99=309, 99.9=1052, 99.99=5439] [CLEANUP: Count=1, Max=3367, Min=3366, Avg=3367, 90=3367, 99=3367, 99.9=3367, 99.99=3367] [UPDATE: Count=233, Max=417, Min=153, Avg=215.94, 90=259, 99=357, 99.9=417, 99.99=417]

[OVERALL], RunTime(ms), 40789

[OVERALL], Throughput(ops/sec), 4903.282747799652

[TOTAL\_GCS\_G1\_Young\_Generation], Count, 99

[TOTAL\_GC\_TIME\_G1\_Young\_Generation], Time(ms), 133

[TOTAL\_GC\_TIME\_%\_G1\_Young\_Generation], Time(%), 0.3260683027286769

[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, 99

[TOTAL\_GC\_TIME], Time(ms), 133

[TOTAL\_GC\_TIME\_%], Time(%), 0.3260683027286769

[READ], Operations, 190009

[READ], AverageLatency(us), 190.22624191485667

[READ], MinLatency(us), 110

[READ], MaxLatency(us), 90175

[READ], 95thPercentileLatency(us), 270

[READ], 99thPercentileLatency(us), 370

[READ], Return=OK, 190009

[CLEANUP], Operations, 1

[CLEANUP], AverageLatency(us), 3367.0

[CLEANUP], MinLatency(us), 3366

[CLEANUP], MaxLatency(us), 3367

[CLEANUP], 95thPercentileLatency(us), 3367

[CLEANUP], 99thPercentileLatency(us), 3367

[UPDATE], Operations, 9991

[UPDATE], AverageLatency(us), 276.63176859173257

[UPDATE], MinLatency(us), 149

[UPDATE], MaxLatency(us), 14247

[UPDATE], 95thPercentileLatency(us), 383

[UPDATE], 99thPercentileLatency(us), 695

[UPDATE], Return=OK, 9991

hduser@x18104053-dsmprojb:~/testharness$