2018-12-19 04:50:57:356 50 sec: 240098 operations; 5691.1 current ops/sec; est completion in 34 seconds [READ: Count=54115, Max=31791, Min=112, Avg=171.14, 90=207, 99=275, 99.9=1158, 99.99=6331] [UPDATE: Count=2796, Max=3881, Min=142, Avg=217.2, 90=262, 99=373, 99.9=1115, 99.99=3881]

2018-12-19 04:51:07:356 60 sec: 296205 operations; 5610.7 current ops/sec; est completion in 22 seconds [READ: Count=53317, Max=12463, Min=112, Avg=173.8, 90=214, 99=366, 99.9=1310, 99.99=6119] [UPDATE: Count=2790, Max=7323, Min=140, Avg=219.64, 90=274, 99=431, 99.9=686, 99.99=7323]

2018-12-19 04:51:17:357 70 sec: 352982 operations; 5677.7 current ops/sec; est completion in 10 seconds [READ: Count=53952, Max=12655, Min=112, Avg=171.42, 90=208, 99=307, 99.9=1383, 99.99=6331] [UPDATE: Count=2825, Max=10439, Min=142, Avg=221.82, 90=265, 99=396, 99.9=1379, 99.99=10439]

2018-12-19 04:51:25:105 77 sec: 400000 operations; 6067.62 current ops/sec; [READ: Count=44651, Max=9007, Min=111, Avg=160.54, 90=193, 99=257, 99.9=1327, 99.99=8083] [CLEANUP: Count=1, Max=2513, Min=2512, Avg=2513, 90=2513, 99=2513, 99.9=2513, 99.99=2513] [UPDATE: Count=2367, Max=1419, Min=138, Avg=201.72, 90=247, 99=334, 99.9=1013, 99.99=1419]

[OVERALL], RunTime(ms), 77751

[OVERALL], Throughput(ops/sec), 5144.62836490849

[TOTAL\_GCS\_G1\_Young\_Generation], Count, 236

[TOTAL\_GC\_TIME\_G1\_Young\_Generation], Time(ms), 299

[TOTAL\_GC\_TIME\_%\_G1\_Young\_Generation], Time(%), 0.3845609702769096

[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, 236

[TOTAL\_GC\_TIME], Time(ms), 299

[TOTAL\_GC\_TIME\_%], Time(%), 0.3845609702769096

[READ], Operations, 380053

[READ], AverageLatency(us), 183.8921413592315

[READ], MinLatency(us), 111

[READ], MaxLatency(us), 365055

[READ], 95thPercentileLatency(us), 259

[READ], 99thPercentileLatency(us), 430

[READ], Return=OK, 380053

[CLEANUP], Operations, 1

[CLEANUP], AverageLatency(us), 2513.0

[CLEANUP], MinLatency(us), 2512

[CLEANUP], MaxLatency(us), 2513

[CLEANUP], 95thPercentileLatency(us), 2513

[CLEANUP], 99thPercentileLatency(us), 2513

[UPDATE], Operations, 19947

[UPDATE], AverageLatency(us), 250.9589913270166

[UPDATE], MinLatency(us), 138

[UPDATE], MaxLatency(us), 33535

[UPDATE], 95thPercentileLatency(us), 376

[UPDATE], 99thPercentileLatency(us), 610

[UPDATE], Return=OK, 19947

hduser@x18104053-dsmprojb:~/testharness$ clear

hduser@x18104053-dsmprojb:~/testharness$ ./runtest.sh 4M1

DATABASE: mongodb

WORKLOAD: workloada

OPCOUNT: 400000

clear down

mongodb

MongoDB shell version: 3.2.10

connecting to: test

switched to db ycsb

WriteResult({ "nRemoved" : 400000 })

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=400000 -p operationcount=400000 -load

Command line: -db com.yahoo.ycsb.db.MongoDbClient -s -P /home/hduser/ycsb-0.15.0/workloads/workloada -p recordcount=400000 -p operationcount=400000 -load

YCSB Client 0.15.0

Loading workload...

Starting test.

2018-12-19 04:57:34:225 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 04:57:44:076 10 sec: 30658 operations; 3065.49 current ops/sec; est completion in 2 minutes [INSERT: Count=30669, Max=127615, Min=113, Avg=252.88, 90=318, 99=700, 99.9=3617, 99.99=9151]

2018-12-19 04:57:54:076 20 sec: 89006 operations; 5834.8 current ops/sec; est completion in 1 minute [INSERT: Count=58337, Max=8399, Min=113, Avg=168.31, 90=202, 99=323, 99.9=1086, 99.99=6507]

2018-12-19 04:58:04:076 30 sec: 147280 operations; 5827.4 current ops/sec; est completion in 52 seconds [INSERT: Count=58274, Max=7603, Min=108, Avg=169.34, 90=205, 99=325, 99.9=1239, 99.99=6395]

2018-12-19 04:58:14:076 40 sec: 208636 operations; 6135.6 current ops/sec; est completion in 37 seconds [INSERT: Count=61356, Max=10575, Min=106, Avg=160.84, 90=194, 99=315, 99.9=1239, 99.99=7007]

2018-12-19 04:58:24:077 50 sec: 269019 operations; 6038.3 current ops/sec; est completion in 25 seconds [INSERT: Count=60383, Max=15751, Min=108, Avg=163.49, 90=196, 99=309, 99.9=1353, 99.99=7299]

2018-12-19 04:58:34:076 60 sec: 326085 operations; 5706.6 current ops/sec; est completion in 14 seconds [INSERT: Count=57066, Max=11391, Min=114, Avg=172.9, 90=208, 99=313, 99.9=1222, 99.99=5611]

2018-12-19 04:58:44:076 70 sec: 378307 operations; 5222.2 current ops/sec; est completion in 5 second [INSERT: Count=52222, Max=565759, Min=109, Avg=189.09, 90=213, 99=363, 99.9=2699, 99.99=7795]

2018-12-19 04:58:47:986 73 sec: 400000 operations; 5548.08 current ops/sec; [CLEANUP: Count=1, Max=16559, Min=16544, Avg=16552, 90=16559, 99=16559, 99.9=16559, 99.99=16559] [INSERT: Count=21693, Max=26607, Min=112, Avg=177.06, 90=208, 99=349, 99.9=3007, 99.99=10687]

[OVERALL], RunTime(ms), 73914

[OVERALL], Throughput(ops/sec), 5411.694672186595

[TOTAL\_GCS\_G1\_Young\_Generation], Count, 137

[TOTAL\_GC\_TIME\_G1\_Young\_Generation], Time(ms), 173

[TOTAL\_GC\_TIME\_%\_G1\_Young\_Generation], Time(%), 0.23405579457207024

[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, 137

[TOTAL\_GC\_TIME], Time(ms), 173

[TOTAL\_GC\_TIME\_%], Time(%), 0.23405579457207024

[CLEANUP], Operations, 1

[CLEANUP], AverageLatency(us), 16552.0

[CLEANUP], MinLatency(us), 16544

[CLEANUP], MaxLatency(us), 16559

[CLEANUP], 95thPercentileLatency(us), 16559

[CLEANUP], 99thPercentileLatency(us), 16559

[INSERT], Operations, 400000

[INSERT], AverageLatency(us), 176.913205

[INSERT], MinLatency(us), 106

[INSERT], MaxLatency(us), 565759

[INSERT], 95thPercentileLatency(us), 251

[INSERT], 99thPercentileLatency(us), 366

[INSERT], Return=OK, 400000

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=400000 -p operationcount=400000 -t

Command line: -db com.yahoo.ycsb.db.MongoDbClient -s -P /home/hduser/ycsb-0.15.0/workloads/workloada -p recordcount=400000 -p operationcount=400000 -t

YCSB Client 0.15.0

Loading workload...

Starting test.

2018-12-19 04:58:49:351 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 04:58:59:165 10 sec: 23992 operations; 2398.96 current ops/sec; est completion in 2 minutes [READ: Count=12021, Max=113087, Min=144, Avg=331.97, 90=375, 99=1913, 99.9=7991, 99.99=39999] [UPDATE: Count=11990, Max=108479, Min=168, Avg=344.3, 90=428, 99=1488, 99.9=5615, 99.99=20719]

2018-12-19 04:59:09:165 20 sec: 65370 operations; 4138.21 current ops/sec; est completion in 1 minute [READ: Count=20499, Max=224767, Min=118, Avg=226.82, 90=259, 99=459, 99.9=5011, 99.99=9143] [UPDATE: Count=20886, Max=18399, Min=138, Avg=245.52, 90=290, 99=494, 99.9=5887, 99.99=11015]

2018-12-19 04:59:19:165 30 sec: 108873 operations; 4350.3 current ops/sec; est completion in 1 minute [READ: Count=21590, Max=15279, Min=117, Avg=213.03, 90=269, 99=568, 99.9=5207, 99.99=11927] [UPDATE: Count=21887, Max=33567, Min=138, Avg=239.46, 90=304, 99=621, 99.9=3937, 99.99=8431]

2018-12-19 04:59:29:165 40 sec: 150856 operations; 4197.88 current ops/sec; est completion in 1 minute [READ: Count=20928, Max=67839, Min=114, Avg=217.83, 90=254, 99=1072, 99.9=5355, 99.99=14591] [UPDATE: Count=21055, Max=111615, Min=135, Avg=252.47, 90=293, 99=1212, 99.9=5219, 99.99=29023]

2018-12-19 04:59:39:165 50 sec: 190842 operations; 3999 current ops/sec; est completion in 55 seconds [READ: Count=19965, Max=569343, Min=119, Avg=254.94, 90=245, 99=675, 99.9=4587, 99.99=20975] [UPDATE: Count=20027, Max=16959, Min=139, Avg=239.24, 90=275, 99=742, 99.9=4399, 99.99=11487]

2018-12-19 04:59:49:165 60 sec: 231521 operations; 4067.9 current ops/sec; est completion in 44 seconds [READ: Count=20372, Max=40063, Min=116, Avg=223.77, 90=274, 99=671, 99.9=5371, 99.99=11999] [UPDATE: Count=20301, Max=218495, Min=135, Avg=261.27, 90=316, 99=774, 99.9=4575, 99.99=13143]

2018-12-19 04:59:59:165 70 sec: 271380 operations; 3985.9 current ops/sec; est completion in 34 seconds [READ: Count=20009, Max=47359, Min=118, Avg=213.38, 90=250, 99=505, 99.9=4239, 99.99=20319] [UPDATE: Count=19850, Max=642559, Min=138, Avg=282.28, 90=287, 99=569, 99.9=4747, 99.99=56831]

2018-12-19 05:00:09:165 80 sec: 314159 operations; 4277.9 current ops/sec; est completion in 22 seconds [READ: Count=21336, Max=71807, Min=115, Avg=217.97, 90=255, 99=671, 99.9=4547, 99.99=12447] [UPDATE: Count=21443, Max=14431, Min=133, Avg=243.39, 90=291, 99=734, 99.9=5663, 99.99=12071]

2018-12-19 05:00:19:165 90 sec: 354799 operations; 4064 current ops/sec; est completion in 12 seconds [READ: Count=20262, Max=15807, Min=117, Avg=211.04, 90=262, 99=641, 99.9=4215, 99.99=9319] [UPDATE: Count=20378, Max=563711, Min=136, Avg=274.81, 90=297, 99=667, 99.9=4583, 99.99=16319]

2018-12-19 05:00:29:165 100 sec: 394781 operations; 3998.2 current ops/sec; est completion in 2 second [READ: Count=20088, Max=359935, Min=114, Avg=234.56, 90=245, 99=714, 99.9=5823, 99.99=34975] [UPDATE: Count=19894, Max=454143, Min=133, Avg=259.94, 90=280, 99=724, 99.9=4815, 99.99=15687]

2018-12-19 05:00:30:544 101 sec: 400000 operations; 3781.88 current ops/sec; [READ: Count=2655, Max=7899, Min=119, Avg=232.21, 90=286, 99=1092, 99.9=4695, 99.99=7899] [CLEANUP: Count=1, Max=9231, Min=9224, Avg=9228, 90=9231, 99=9231, 99.9=9231, 99.99=9231] [UPDATE: Count=2564, Max=72639, Min=143, Avg=286.31, 90=330, 99=1024, 99.9=3979, 99.99=72639]

[OVERALL], RunTime(ms), 101386

[OVERALL], Throughput(ops/sec), 3945.3178939893082

[TOTAL\_GCS\_G1\_Young\_Generation], Count, 153

[TOTAL\_GC\_TIME\_G1\_Young\_Generation], Time(ms), 231

[TOTAL\_GC\_TIME\_%\_G1\_Young\_Generation], Time(%), 0.22784210837788255

[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, 153

[TOTAL\_GC\_TIME], Time(ms), 231

[TOTAL\_GC\_TIME\_%], Time(%), 0.22784210837788255

[READ], Operations, 199725

[READ], AverageLatency(us), 230.17361371886344

[READ], MinLatency(us), 114

[READ], MaxLatency(us), 569343

[READ], 95thPercentileLatency(us), 325

[READ], 99thPercentileLatency(us), 741

[READ], Return=OK, 199725

[CLEANUP], Operations, 1

[CLEANUP], AverageLatency(us), 9228.0

[CLEANUP], MinLatency(us), 9224

[CLEANUP], MaxLatency(us), 9231

[CLEANUP], 95thPercentileLatency(us), 9231

[CLEANUP], 99thPercentileLatency(us), 9231

[UPDATE], Operations, 200275

[UPDATE], AverageLatency(us), 260.8203769816502

[UPDATE], MinLatency(us), 133

[UPDATE], MaxLatency(us), 642559

[UPDATE], 95thPercentileLatency(us), 364

[UPDATE], 99thPercentileLatency(us), 769

[UPDATE], Return=OK, 200275

WORKLOAD: workloadb

OPCOUNT: 400000

clear down

mongodb

MongoDB shell version: 3.2.10

connecting to: test

switched to db ycsb

WriteResult({ "nRemoved" : 400000 })

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=400000 -p operationcount=400000 -load

Command line: -db com.yahoo.ycsb.db.MongoDbClient -s -P /home/hduser/ycsb-0.15.0/workloads/workloadb -p recordcount=400000 -p operationcount=400000 -load

YCSB Client 0.15.0

Loading workload...

Starting test.

2018-12-19 05:00:39:566 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 05:00:49:383 10 sec: 27864 operations; 2786.4 current ops/sec; est completion in 2 minutes [INSERT: Count=27886, Max=214015, Min=130, Avg=262.45, 90=309, 99=658, 99.9=3899, 99.99=8439]

2018-12-19 05:00:59:386 20 sec: 88686 operations; 6082.2 current ops/sec; est completion in 1 minute [INSERT: Count=60800, Max=8839, Min=105, Avg=161.19, 90=194, 99=312, 99.9=1704, 99.99=6943]

2018-12-19 05:01:09:383 30 sec: 149721 operations; 6103.5 current ops/sec; est completion in 51 seconds [INSERT: Count=61035, Max=74879, Min=104, Avg=161.54, 90=197, 99=308, 99.9=1012, 99.99=6459]

2018-12-19 05:01:19:383 40 sec: 212218 operations; 6249.7 current ops/sec; est completion in 36 seconds [INSERT: Count=62497, Max=19695, Min=108, Avg=157.79, 90=187, 99=294, 99.9=1585, 99.99=7203]

2018-12-19 05:01:29:383 50 sec: 270300 operations; 5808.2 current ops/sec; est completion in 24 seconds [INSERT: Count=58082, Max=601599, Min=105, Avg=169.86, 90=191, 99=304, 99.9=1413, 99.99=8047]

2018-12-19 05:01:39:383 60 sec: 328449 operations; 5814.9 current ops/sec; est completion in 14 seconds [INSERT: Count=58149, Max=14127, Min=105, Avg=169.63, 90=206, 99=319, 99.9=2169, 99.99=6511]

2018-12-19 05:01:49:383 70 sec: 387329 operations; 5888 current ops/sec; est completion in 3 second [INSERT: Count=58880, Max=7715, Min=109, Avg=167.69, 90=208, 99=316, 99.9=1027, 99.99=6687]

2018-12-19 05:01:51:532 72 sec: 400000 operations; 5898.98 current ops/sec; [CLEANUP: Count=1, Max=3137, Min=3136, Avg=3137, 90=3137, 99=3137, 99.9=3137, 99.99=3137] [INSERT: Count=12671, Max=15855, Min=115, Avg=167.14, 90=190, 99=301, 99.9=2711, 99.99=9999]

[OVERALL], RunTime(ms), 72152

[OVERALL], Throughput(ops/sec), 5543.85186827808

[TOTAL\_GCS\_G1\_Young\_Generation], Count, 136

[TOTAL\_GC\_TIME\_G1\_Young\_Generation], Time(ms), 173

[TOTAL\_GC\_TIME\_%\_G1\_Young\_Generation], Time(%), 0.23977159330302694

[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, 136

[TOTAL\_GC\_TIME], Time(ms), 173

[TOTAL\_GC\_TIME\_%], Time(%), 0.23977159330302694

[CLEANUP], Operations, 1

[CLEANUP], AverageLatency(us), 3137.0

[CLEANUP], MinLatency(us), 3136

[CLEANUP], MaxLatency(us), 3137

[CLEANUP], 95thPercentileLatency(us), 3137

[CLEANUP], 99thPercentileLatency(us), 3137

[INSERT], Operations, 400000

[INSERT], AverageLatency(us), 171.403185

[INSERT], MinLatency(us), 104

[INSERT], MaxLatency(us), 601599

[INSERT], 95thPercentileLatency(us), 245

[INSERT], 99thPercentileLatency(us), 346

[INSERT], Return=OK, 400000

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=400000 -p operationcount=400000 -t

Command line: -db com.yahoo.ycsb.db.MongoDbClient -s -P /home/hduser/ycsb-0.15.0/workloads/workloadb -p recordcount=400000 -p operationcount=400000 -t

YCSB Client 0.15.0

Loading workload...

Starting test.

2018-12-19 05:01:52:683 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 05:02:02:539 10 sec: 27803 operations; 2780.3 current ops/sec; est completion in 2 minutes [READ: Count=26429, Max=129087, Min=146, Avg=278.43, 90=303, 99=869, 99.9=4587, 99.99=43647] [UPDATE: Count=1382, Max=22847, Min=209, Avg=384.04, 90=452, 99=783, 99.9=4991, 99.99=22847]

2018-12-19 05:02:12:538 20 sec: 84104 operations; 5630.1 current ops/sec; est completion in 1 minute [READ: Count=53532, Max=48831, Min=115, Avg=169.78, 90=202, 99=279, 99.9=1172, 99.99=5607] [UPDATE: Count=2761, Max=8239, Min=158, Avg=266.44, 90=288, 99=615, 99.9=7267, 99.99=8239]

2018-12-19 05:02:22:538 30 sec: 139925 operations; 5582.1 current ops/sec; est completion in 56 seconds [READ: Count=53055, Max=13839, Min=115, Avg=173.47, 90=208, 99=330, 99.9=1300, 99.99=7027] [UPDATE: Count=2766, Max=6303, Min=154, Avg=241.55, 90=284, 99=459, 99.9=4203, 99.99=6303]

2018-12-19 05:02:32:538 40 sec: 198051 operations; 5812.6 current ops/sec; est completion in 41 seconds [READ: Count=55084, Max=21039, Min=112, Avg=166.97, 90=200, 99=295, 99.9=1183, 99.99=8671] [UPDATE: Count=3042, Max=10087, Min=147, Avg=223, 90=260, 99=394, 99.9=5047, 99.99=10087]

2018-12-19 05:02:42:538 50 sec: 252073 operations; 5402.2 current ops/sec; est completion in 30 seconds [READ: Count=51349, Max=15135, Min=113, Avg=180, 90=215, 99=359, 99.9=2105, 99.99=7255] [UPDATE: Count=2673, Max=4659, Min=146, Avg=229.64, 90=273, 99=461, 99.9=3333, 99.99=4659]

2018-12-19 05:02:52:538 60 sec: 311773 operations; 5970 current ops/sec; est completion in 17 seconds [READ: Count=56801, Max=6231, Min=117, Avg=162.88, 90=197, 99=241, 99.9=761, 99.99=3165] [UPDATE: Count=2899, Max=1213, Min=149, Avg=202.74, 90=245, 99=295, 99.9=527, 99.99=1213]

2018-12-19 05:03:02:538 70 sec: 369215 operations; 5744.2 current ops/sec; est completion in 6 second [READ: Count=54614, Max=7779, Min=117, Avg=169.48, 90=208, 99=303, 99.9=1067, 99.99=6387] [UPDATE: Count=2828, Max=2873, Min=146, Avg=214.16, 90=264, 99=399, 99.9=1211, 99.99=2873]

2018-12-19 05:03:08:175 75 sec: 400000 operations; 5461.24 current ops/sec; [READ: Count=29208, Max=6159, Min=117, Avg=178.3, 90=211, 99=318, 99.9=1360, 99.99=5259] [CLEANUP: Count=1, Max=3349, Min=3348, Avg=3349, 90=3349, 99=3349, 99.9=3349, 99.99=3349] [UPDATE: Count=1577, Max=3181, Min=150, Avg=222.31, 90=267, 99=370, 99.9=837, 99.99=3181]

[OVERALL], RunTime(ms), 75640

[OVERALL], Throughput(ops/sec), 5288.2072977260705

[TOTAL\_GCS\_G1\_Young\_Generation], Count, 194

[TOTAL\_GC\_TIME\_G1\_Young\_Generation], Time(ms), 230

[TOTAL\_GC\_TIME\_%\_G1\_Young\_Generation], Time(%), 0.3040719196192491

[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, 194

[TOTAL\_GC\_TIME], Time(ms), 230

[TOTAL\_GC\_TIME\_%], Time(%), 0.3040719196192491

[READ], Operations, 380072

[READ], AverageLatency(us), 178.4045444021133

[READ], MinLatency(us), 112

[READ], MaxLatency(us), 129087

[READ], 95thPercentileLatency(us), 245

[READ], 99thPercentileLatency(us), 347

[READ], Return=OK, 380072

[CLEANUP], Operations, 1

[CLEANUP], AverageLatency(us), 3349.0

[CLEANUP], MinLatency(us), 3348

[CLEANUP], MaxLatency(us), 3349

[CLEANUP], 95thPercentileLatency(us), 3349

[CLEANUP], 99thPercentileLatency(us), 3349

[UPDATE], Operations, 19928

[UPDATE], AverageLatency(us), 239.3964271376957

[UPDATE], MinLatency(us), 146

[UPDATE], MaxLatency(us), 22847

[UPDATE], 95thPercentileLatency(us), 348

[UPDATE], 99thPercentileLatency(us), 483

[UPDATE], Return=OK, 19928

hduser@x18104053-dsmprojb:~/testharness$