2018-12-19 05:44:03:018 80 sec: 340972 operations; 5929.7 current ops/sec; est completion in 38 seconds [READ: Count=56330, Max=5723, Min=110, Avg=163.93, 90=197, 99=276, 99.9=1076, 99.99=4499] [UPDATE: Count=2967, Max=6015, Min=142, Avg=209.01, 90=250, 99=350, 99.9=1166, 99.99=6015]

2018-12-19 05:44:13:018 90 sec: 401892 operations; 6092 current ops/sec; est completion in 22 seconds [READ: Count=57848, Max=10839, Min=111, Avg=159.62, 90=188, 99=246, 99.9=1112, 99.99=6923] [UPDATE: Count=3072, Max=7447, Min=140, Avg=202.43, 90=237, 99=333, 99.9=1083, 99.99=7447]

2018-12-19 05:44:23:018 100 sec: 458982 operations; 5709 current ops/sec; est completion in 9 second [READ: Count=54289, Max=56191, Min=115, Avg=170.65, 90=207, 99=290, 99.9=1140, 99.99=5879] [UPDATE: Count=2801, Max=4103, Min=146, Avg=215.28, 90=262, 99=403, 99.9=743, 99.99=4103]

2018-12-19 05:44:29:830 106 sec: 500000 operations; 6022.32 current ops/sec; [READ: Count=39027, Max=12023, Min=113, Avg=161.62, 90=193, 99=253, 99.9=1227, 99.99=5091] [CLEANUP: Count=1, Max=5631, Min=5628, Avg=5630, 90=5631, 99=5631, 99.9=5631, 99.99=5631] [UPDATE: Count=1991, Max=2727, Min=143, Avg=205.61, 90=244, 99=343, 99.9=1177, 99.99=2727]

[OVERALL], RunTime(ms), 106815

[OVERALL], Throughput(ops/sec), 4680.99049758929

[TOTAL\_GCS\_G1\_Young\_Generation], Count, 293

[TOTAL\_GC\_TIME\_G1\_Young\_Generation], Time(ms), 315

[TOTAL\_GC\_TIME\_%\_G1\_Young\_Generation], Time(%), 0.2949024013481253

[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, 293

[TOTAL\_GC\_TIME], Time(ms), 315

[TOTAL\_GC\_TIME\_%], Time(%), 0.2949024013481253

[READ], Operations, 475156

[READ], AverageLatency(us), 176.34587588076337

[READ], MinLatency(us), 110

[READ], MaxLatency(us), 150783

[READ], 95thPercentileLatency(us), 245

[READ], 99thPercentileLatency(us), 324

[READ], Return=OK, 475156

[CLEANUP], Operations, 1

[CLEANUP], AverageLatency(us), 5630.0

[CLEANUP], MinLatency(us), 5628

[CLEANUP], MaxLatency(us), 5631

[CLEANUP], 95thPercentileLatency(us), 5631

[CLEANUP], 99thPercentileLatency(us), 5631

[UPDATE], Operations, 24844

[UPDATE], AverageLatency(us), 232.28469650619869

[UPDATE], MinLatency(us), 140

[UPDATE], MaxLatency(us), 23103

[UPDATE], 95thPercentileLatency(us), 333

[UPDATE], 99thPercentileLatency(us), 459

[UPDATE], Return=OK, 24844

hduser@x18104053-dsmprojb:~/testharness$ clear

hduser@x18104053-dsmprojb:~/testharness$ ./runtest.sh 5M2

DATABASE: mongodb

WORKLOAD: workloada

OPCOUNT: 500000

clear down

mongodb

MongoDB shell version: 3.2.10

connecting to: test

switched to db ycsb

WriteResult({ "nRemoved" : 500000 })

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=500000 -p operationcount=500000 -load

Command line: -db com.yahoo.ycsb.db.MongoDbClient -s -P /home/hduser/ycsb-0.15.0/workloads/workloada -p recordcount=500000 -p operationcount=500000 -load

YCSB Client 0.15.0

Loading workload...

Starting test.

2018-12-19 05:47:11:851 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 05:47:21:691 10 sec: 28558 operations; 2855.8 current ops/sec; est completion in 2 minutes [INSERT: Count=28570, Max=196095, Min=115, Avg=262.5, 90=320, 99=720, 99.9=3777, 99.99=8215]

2018-12-19 05:47:31:691 20 sec: 89169 operations; 6061.1 current ops/sec; est completion in 1 minute [INSERT: Count=60599, Max=14191, Min=105, Avg=161.59, 90=193, 99=318, 99.9=1554, 99.99=6307]

2018-12-19 05:47:41:691 30 sec: 146907 operations; 5773.8 current ops/sec; est completion in 1 minute [INSERT: Count=57738, Max=20511, Min=109, Avg=170.67, 90=203, 99=331, 99.9=2233, 99.99=8131]

2018-12-19 05:47:51:691 40 sec: 204860 operations; 5795.3 current ops/sec; est completion in 58 seconds [INSERT: Count=57953, Max=50399, Min=108, Avg=170.28, 90=206, 99=352, 99.9=1337, 99.99=6351]

2018-12-19 05:48:01:691 50 sec: 261610 operations; 5675 current ops/sec; est completion in 46 seconds [INSERT: Count=56750, Max=11975, Min=108, Avg=173.88, 90=211, 99=358, 99.9=1593, 99.99=7631]

2018-12-19 05:48:11:691 60 sec: 321020 operations; 5941 current ops/sec; est completion in 34 seconds [INSERT: Count=59410, Max=12535, Min=108, Avg=166.09, 90=198, 99=319, 99.9=1253, 99.99=6831]

2018-12-19 05:48:21:691 70 sec: 378850 operations; 5783 current ops/sec; est completion in 23 seconds [INSERT: Count=57830, Max=12911, Min=105, Avg=170.54, 90=204, 99=351, 99.9=2779, 99.99=7987]

2018-12-19 05:48:31:691 80 sec: 436543 operations; 5769.3 current ops/sec; est completion in 12 seconds [INSERT: Count=57693, Max=10175, Min=105, Avg=166.61, 90=201, 99=362, 99.9=1462, 99.99=7011]

2018-12-19 05:48:41:691 90 sec: 491519 operations; 5497.6 current ops/sec; est completion in 2 second [INSERT: Count=54976, Max=796159, Min=108, Avg=184.21, 90=206, 99=342, 99.9=2385, 99.99=6659]

2018-12-19 05:48:43:065 91 sec: 500000 operations; 6176.98 current ops/sec; [CLEANUP: Count=1, Max=8279, Min=8272, Avg=8276, 90=8279, 99=8279, 99.9=8279, 99.99=8279] [INSERT: Count=8481, Max=8879, Min=109, Avg=158.29, 90=192, 99=303, 99.9=986, 99.99=2723]

[OVERALL], RunTime(ms), 91377

[OVERALL], Throughput(ops/sec), 5471.836457751951

[TOTAL\_GCS\_G1\_Young\_Generation], Count, 170

[TOTAL\_GC\_TIME\_G1\_Young\_Generation], Time(ms), 208

[TOTAL\_GC\_TIME\_%\_G1\_Young\_Generation], Time(%), 0.22762839664248113

[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, 170

[TOTAL\_GC\_TIME], Time(ms), 208

[TOTAL\_GC\_TIME\_%], Time(%), 0.22762839664248113

[CLEANUP], Operations, 1

[CLEANUP], AverageLatency(us), 8276.0

[CLEANUP], MinLatency(us), 8272

[CLEANUP], MaxLatency(us), 8279

[CLEANUP], 95thPercentileLatency(us), 8279

[CLEANUP], 99thPercentileLatency(us), 8279

[INSERT], Operations, 500000

[INSERT], AverageLatency(us), 175.387042

[INSERT], MinLatency(us), 105

[INSERT], MaxLatency(us), 796159

[INSERT], 95thPercentileLatency(us), 250

[INSERT], 99thPercentileLatency(us), 374

[INSERT], Return=OK, 500000

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=500000 -p operationcount=500000 -t

Command line: -db com.yahoo.ycsb.db.MongoDbClient -s -P /home/hduser/ycsb-0.15.0/workloads/workloada -p recordcount=500000 -p operationcount=500000 -t

YCSB Client 0.15.0

Loading workload...

Starting test.

2018-12-19 05:48:44:500 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 05:48:54:310 10 sec: 17163 operations; 1714.93 current ops/sec; est completion in 4 minutes [READ: Count=8616, Max=121471, Min=172, Avg=422.88, 90=512, 99=2421, 99.9=9143, 99.99=80767] [UPDATE: Count=8578, Max=131199, Min=198, Avg=463.23, 90=546, 99=2293, 99.9=11015, 99.99=96255]

2018-12-19 05:49:04:302 20 sec: 42981 operations; 2583.87 current ops/sec; est completion in 3 minutes [READ: Count=12700, Max=298751, Min=136, Avg=339.36, 90=308, 99=1942, 99.9=8263, 99.99=233087] [UPDATE: Count=13089, Max=1021951, Min=149, Avg=418.8, 90=345, 99=1946, 99.9=7247, 99.99=298495]

2018-12-19 05:49:14:302 30 sec: 79470 operations; 3648.9 current ops/sec; est completion in 2 minutes [READ: Count=18215, Max=52703, Min=118, Avg=249.99, 90=323, 99=1022, 99.9=5815, 99.99=29455] [UPDATE: Count=18272, Max=321791, Min=137, Avg=288.6, 90=363, 99=938, 99.9=6495, 99.99=10767]

2018-12-19 05:49:24:302 40 sec: 118241 operations; 3877.1 current ops/sec; est completion in 2 minutes [READ: Count=19484, Max=28511, Min=118, Avg=227.61, 90=281, 99=836, 99.9=6083, 99.99=15047] [UPDATE: Count=19287, Max=426751, Min=138, Avg=282.24, 90=324, 99=1147, 99.9=7379, 99.99=11255]

2018-12-19 05:49:34:304 50 sec: 158134 operations; 3989.3 current ops/sec; est completion in 1 minute [READ: Count=19817, Max=16223, Min=115, Avg=216.09, 90=263, 99=803, 99.9=4279, 99.99=12511] [UPDATE: Count=20076, Max=379391, Min=135, Avg=279.46, 90=302, 99=1004, 99.9=5627, 99.99=16895]

2018-12-19 05:49:44:303 60 sec: 173898 operations; 1576.4 current ops/sec; est completion in 1 minute [READ: Count=7897, Max=1879039, Min=117, Avg=798.22, 90=416, 99=2059, 99.9=17231, 99.99=1401855] [UPDATE: Count=7874, Max=403711, Min=138, Avg=462.37, 90=459, 99=2111, 99.9=11679, 99.99=372991]

2018-12-19 05:49:54:303 70 sec: 184996 operations; 1109.8 current ops/sec; est completion in 2 minutes [READ: Count=5533, Max=538111, Min=138, Avg=663.97, 90=503, 99=2561, 99.9=45919, 99.99=239615] [UPDATE: Count=5558, Max=1268735, Min=148, Avg=1128.06, 90=549, 99=2611, 99.9=61663, 99.99=748031]

2018-12-19 05:50:04:302 80 sec: 194572 operations; 957.6 current ops/sec; est completion in 2 minutes [READ: Count=4824, Max=1524735, Min=147, Avg=1251.79, 90=500, 99=2379, 99.9=74623, 99.99=1524735] [UPDATE: Count=4753, Max=698879, Min=170, Avg=825.66, 90=539, 99=2557, 99.9=46079, 99.99=698879]

2018-12-19 05:50:14:303 90 sec: 211320 operations; 1674.8 current ops/sec; est completion in 2 minutes [READ: Count=8402, Max=552447, Min=128, Avg=565.41, 90=481, 99=2255, 99.9=43103, 99.99=401663] [UPDATE: Count=8371, Max=522751, Min=146, Avg=617.77, 90=523, 99=2305, 99.9=14927, 99.99=520959]

2018-12-19 05:50:24:303 100 sec: 233894 operations; 2257.4 current ops/sec; est completion in 1 minute [READ: Count=11156, Max=163711, Min=122, Avg=387.84, 90=466, 99=2229, 99.9=10759, 99.99=60511] [UPDATE: Count=11392, Max=488959, Min=147, Avg=489.33, 90=511, 99=2227, 99.9=10223, 99.99=288767]

2018-12-19 05:50:34:302 110 sec: 250974 operations; 1708 current ops/sec; est completion in 1 minute [READ: Count=8641, Max=2105343, Min=127, Avg=580.64, 90=435, 99=2129, 99.9=7115, 99.99=65855] [UPDATE: Count=8439, Max=1287167, Min=148, Avg=582.62, 90=476, 99=1946, 99.9=9399, 99.99=378367]

2018-12-19 05:50:44:302 120 sec: 276278 operations; 2530.4 current ops/sec; est completion in 1 minute [READ: Count=12733, Max=335871, Min=117, Avg=327.02, 90=382, 99=1045, 99.9=6799, 99.99=231935] [UPDATE: Count=12571, Max=1026559, Min=143, Avg=457.33, 90=419, 99=1183, 99.9=6779, 99.99=455167]

2018-12-19 05:50:54:303 130 sec: 303920 operations; 2764.2 current ops/sec; est completion in 1 minute [READ: Count=13712, Max=406271, Min=119, Avg=303.78, 90=358, 99=826, 99.9=6235, 99.99=147071] [UPDATE: Count=13930, Max=803327, Min=139, Avg=349.62, 90=392, 99=892, 99.9=6779, 99.99=78655]

2018-12-19 05:51:04:302 140 sec: 335472 operations; 3155.2 current ops/sec; est completion in 1 minute [READ: Count=15727, Max=16271, Min=116, Avg=221.75, 90=285, 99=692, 99.9=4119, 99.99=9607] [UPDATE: Count=15825, Max=1080319, Min=134, Avg=437.07, 90=327, 99=847, 99.9=5983, 99.99=669183]

2018-12-19 05:51:14:302 150 sec: 369151 operations; 3367.9 current ops/sec; est completion in 54 seconds [READ: Count=16837, Max=466687, Min=116, Avg=269.46, 90=305, 99=1415, 99.9=6427, 99.99=16199] [UPDATE: Count=16848, Max=1020927, Min=136, Avg=341.16, 90=346, 99=1760, 99.9=6783, 99.99=14735]

2018-12-19 05:51:24:302 160 sec: 400858 operations; 3170.7 current ops/sec; est completion in 40 seconds [READ: Count=15760, Max=245759, Min=119, Avg=257.64, 90=313, 99=684, 99.9=5463, 99.99=14911] [UPDATE: Count=15941, Max=600575, Min=138, Avg=366.08, 90=352, 99=1279, 99.9=9663, 99.99=210815]

2018-12-19 05:51:34:302 170 sec: 439465 operations; 3860.7 current ops/sec; est completion in 24 seconds [READ: Count=19390, Max=14679, Min=115, Avg=211.86, 90=261, 99=670, 99.9=3797, 99.99=8847] [UPDATE: Count=19217, Max=519679, Min=134, Avg=301.08, 90=301, 99=934, 99.9=5071, 99.99=117823]

2018-12-19 05:51:44:302 180 sec: 475034 operations; 3556.9 current ops/sec; est completion in 10 seconds [READ: Count=17786, Max=23375, Min=115, Avg=228.45, 90=285, 99=906, 99.9=5787, 99.99=9367] [UPDATE: Count=17783, Max=492799, Min=132, Avg=328.13, 90=321, 99=986, 99.9=7443, 99.99=179583]

2018-12-19 05:51:51:030 186 sec: 500000 operations; 3711.31 current ops/sec; [READ: Count=12521, Max=129919, Min=116, Avg=225.06, 90=261, 99=730, 99.9=5607, 99.99=11839] [CLEANUP: Count=1, Max=728575, Min=728064, Avg=728320, 90=728575, 99=728575, 99.9=728575, 99.99=728575] [UPDATE: Count=12445, Max=10775, Min=137, Avg=249.24, 90=299, 99=1001, 99.9=6495, 99.99=10679]

[OVERALL], RunTime(ms), 186727

[OVERALL], Throughput(ops/sec), 2677.7059557535867

[TOTAL\_GCS\_G1\_Young\_Generation], Count, 190

[TOTAL\_GC\_TIME\_G1\_Young\_Generation], Time(ms), 324

[TOTAL\_GC\_TIME\_%\_G1\_Young\_Generation], Time(%), 0.1735153459328324

[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, 190

[TOTAL\_GC\_TIME], Time(ms), 324

[TOTAL\_GC\_TIME\_%], Time(%), 0.1735153459328324

[READ], Operations, 249751

[READ], AverageLatency(us), 331.2809238001049

[READ], MinLatency(us), 115

[READ], MaxLatency(us), 2105343

[READ], 95thPercentileLatency(us), 454

[READ], 99thPercentileLatency(us), 1475

[READ], Return=OK, 249751

[CLEANUP], Operations, 1

[CLEANUP], AverageLatency(us), 728320.0

[CLEANUP], MinLatency(us), 728064

[CLEANUP], MaxLatency(us), 728575

[CLEANUP], 95thPercentileLatency(us), 728575

[CLEANUP], 99thPercentileLatency(us), 728575

[UPDATE], Operations, 250249

[UPDATE], AverageLatency(us), 396.09577660649995

[UPDATE], MinLatency(us), 132

[UPDATE], MaxLatency(us), 1287167

[UPDATE], 95thPercentileLatency(us), 500

[UPDATE], 99thPercentileLatency(us), 1727

[UPDATE], Return=OK, 250249

WORKLOAD: workloadb

OPCOUNT: 500000

clear down

mongodb

MongoDB shell version: 3.2.10

connecting to: test

switched to db ycsb

WriteResult({ "nRemoved" : 500000 })

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=500000 -p operationcount=500000 -load

Command line: -db com.yahoo.ycsb.db.MongoDbClient -s -P /home/hduser/ycsb-0.15.0/workloads/workloadb -p recordcount=500000 -p operationcount=500000 -load

YCSB Client 0.15.0

Loading workload...

Starting test.

2018-12-19 05:51:59:545 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 05:52:09:332 10 sec: 29667 operations; 2966.7 current ops/sec; est completion in 2 minutes [INSERT: Count=29667, Max=141823, Min=123, Avg=257.49, 90=312, 99=810, 99.9=4011, 99.99=7399]

2018-12-19 05:52:19:332 20 sec: 90825 operations; 6115.19 current ops/sec; est completion in 1 minute [INSERT: Count=61158, Max=12911, Min=125, Avg=160.58, 90=184, 99=306, 99.9=1319, 99.99=6487]

2018-12-19 05:52:29:332 30 sec: 146050 operations; 5523.05 current ops/sec; est completion in 1 minute [INSERT: Count=55225, Max=138751, Min=111, Avg=178.63, 90=214, 99=368, 99.9=1910, 99.99=7271]

2018-12-19 05:52:39:332 40 sec: 203144 operations; 5709.4 current ops/sec; est completion in 59 seconds [INSERT: Count=57094, Max=28447, Min=111, Avg=172.91, 90=204, 99=332, 99.9=1831, 99.99=9695]

2018-12-19 05:52:49:332 50 sec: 263965 operations; 6082.1 current ops/sec; est completion in 45 seconds [INSERT: Count=60821, Max=13655, Min=107, Avg=162.27, 90=199, 99=312, 99.9=1244, 99.99=6895]

2018-12-19 05:52:59:331 60 sec: 321094 operations; 5712.9 current ops/sec; est completion in 34 seconds [INSERT: Count=57129, Max=59071, Min=109, Avg=172.78, 90=207, 99=330, 99.9=2261, 99.99=7459]

2018-12-19 05:53:09:331 70 sec: 374075 operations; 5298.1 current ops/sec; est completion in 24 seconds [INSERT: Count=52981, Max=742399, Min=107, Avg=186.53, 90=204, 99=327, 99.9=1263, 99.99=8215]

2018-12-19 05:53:19:332 80 sec: 390290 operations; 1621.5 current ops/sec; est completion in 23 seconds [INSERT: Count=16215, Max=12047, Min=114, Avg=189.07, 90=223, 99=378, 99.9=3995, 99.99=8751]

2018-12-19 05:53:29:332 90 sec: 434755 operations; 4446.5 current ops/sec; est completion in 14 seconds [INSERT: Count=44465, Max=9191423, Min=111, Avg=377.39, 90=208, 99=340, 99.9=1233, 99.99=7211]

2018-12-19 05:53:39:331 100 sec: 490135 operations; 5538 current ops/sec; est completion in 3 second [INSERT: Count=55380, Max=17455, Min=109, Avg=178.37, 90=213, 99=356, 99.9=2259, 99.99=8247]

2018-12-19 05:53:40:849 101 sec: 500000 operations; 6502.97 current ops/sec; [CLEANUP: Count=1, Max=8099, Min=8096, Avg=8098, 90=8099, 99=8099, 99.9=8099, 99.99=8099] [INSERT: Count=9865, Max=2857, Min=107, Avg=150.91, 90=182, 99=279, 99.9=680, 99.99=2185]

[OVERALL], RunTime(ms), 101518

[OVERALL], Throughput(ops/sec), 4925.234933706338

[TOTAL\_GCS\_G1\_Young\_Generation], Count, 140

[TOTAL\_GC\_TIME\_G1\_Young\_Generation], Time(ms), 192

[TOTAL\_GC\_TIME\_%\_G1\_Young\_Generation], Time(%), 0.18912902145432336

[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, 140

[TOTAL\_GC\_TIME], Time(ms), 192

[TOTAL\_GC\_TIME\_%], Time(%), 0.18912902145432336

[CLEANUP], Operations, 1

[CLEANUP], AverageLatency(us), 8098.0

[CLEANUP], MinLatency(us), 8096

[CLEANUP], MaxLatency(us), 8099

[CLEANUP], 95thPercentileLatency(us), 8099

[CLEANUP], 99thPercentileLatency(us), 8099

[INSERT], Operations, 500000

[INSERT], AverageLatency(us), 196.064926

[INSERT], MinLatency(us), 107

[INSERT], MaxLatency(us), 9191423

[INSERT], 95thPercentileLatency(us), 247

[INSERT], 99thPercentileLatency(us), 366

[INSERT], Return=OK, 500000

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=500000 -p operationcount=500000 -t

Command line: -db com.yahoo.ycsb.db.MongoDbClient -s -P /home/hduser/ycsb-0.15.0/workloads/workloadb -p recordcount=500000 -p operationcount=500000 -t

YCSB Client 0.15.0

Loading workload...

Starting test.

2018-12-19 05:53:46:058 0 sec: 0 operations; est completion in 0 second

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

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

2018-12-19 05:53:55:874 10 sec: 31550 operations; 3155 current ops/sec; est completion in 2 minutes [READ: Count=29930, Max=114047, Min=126, Avg=243.14, 90=284, 99=710, 99.9=3825, 99.99=12375] [UPDATE: Count=1620, Max=16087, Min=173, Avg=360.12, 90=453, 99=1043, 99.9=4567, 99.99=16087]

2018-12-19 05:54:05:874 20 sec: 87932 operations; 5638.2 current ops/sec; est completion in 1 minute [READ: Count=53546, Max=47263, Min=112, Avg=170.12, 90=204, 99=288, 99.9=1153, 99.99=7667] [UPDATE: Count=2836, Max=7579, Min=156, Avg=253.91, 90=286, 99=477, 99.9=5267, 99.99=7579]

2018-12-19 05:54:15:874 30 sec: 140401 operations; 5246.9 current ops/sec; est completion in 1 minute [READ: Count=49895, Max=11567, Min=114, Avg=184.6, 90=218, 99=345, 99.9=3199, 99.99=8231] [UPDATE: Count=2574, Max=7603, Min=156, Avg=257.31, 90=297, 99=487, 99.9=5619, 99.99=7603]

2018-12-19 05:54:25:874 40 sec: 198178 operations; 5777.7 current ops/sec; est completion in 1 minute [READ: Count=54837, Max=7051, Min=111, Avg=168.27, 90=206, 99=311, 99.9=1089, 99.99=3289] [UPDATE: Count=2940, Max=7271, Min=141, Avg=219.7, 90=262, 99=373, 99.9=4007, 99.99=7271]

2018-12-19 05:54:35:874 50 sec: 251255 operations; 5307.7 current ops/sec; est completion in 50 seconds [READ: Count=50429, Max=13071, Min=120, Avg=183.43, 90=220, 99=301, 99.9=2042, 99.99=8503] [UPDATE: Count=2648, Max=11415, Min=149, Avg=234.27, 90=279, 99=387, 99.9=3623, 99.99=11415]

2018-12-19 05:54:45:874 60 sec: 306181 operations; 5492.6 current ops/sec; est completion in 38 seconds [READ: Count=52246, Max=13879, Min=116, Avg=177.5, 90=213, 99=306, 99.9=1507, 99.99=9999] [UPDATE: Count=2680, Max=8335, Min=150, Avg=226.71, 90=269, 99=422, 99.9=3601, 99.99=8335]

2018-12-19 05:54:55:874 70 sec: 361444 operations; 5526.3 current ops/sec; est completion in 27 seconds [READ: Count=52445, Max=10919, Min=113, Avg=176.26, 90=215, 99=341, 99.9=1236, 99.99=7027] [UPDATE: Count=2818, Max=3339, Min=143, Avg=220.95, 90=274, 99=422, 99.9=1048, 99.99=3339]

2018-12-19 05:55:05:874 80 sec: 417571 operations; 5612.7 current ops/sec; est completion in 16 seconds [READ: Count=53307, Max=20319, Min=115, Avg=173.63, 90=209, 99=307, 99.9=1235, 99.99=7935] [UPDATE: Count=2822, Max=3203, Min=146, Avg=217.04, 90=266, 99=378, 99.9=642, 99.99=3203]

2018-12-19 05:55:15:874 90 sec: 470994 operations; 5342.3 current ops/sec; est completion in 6 second [READ: Count=50795, Max=16183, Min=116, Avg=182.81, 90=223, 99=306, 99.9=1578, 99.99=8279] [UPDATE: Count=2626, Max=3277, Min=150, Avg=227.12, 90=281, 99=405, 99.9=1610, 99.99=3277]

2018-12-19 05:55:21:117 95 sec: 500000 operations; 5532.33 current ops/sec; [READ: Count=27598, Max=9831, Min=121, Avg=176, 90=212, 99=284, 99.9=1364, 99.99=7243] [CLEANUP: Count=1, Max=9583, Min=9576, Avg=9580, 90=9583, 99=9583, 99.9=9583, 99.99=9583] [UPDATE: Count=1408, Max=879, Min=152, Avg=218.28, 90=267, 99=376, 99.9=846, 99.99=879]

[OVERALL], RunTime(ms), 95243

[OVERALL], Throughput(ops/sec), 5249.729638923595

[TOTAL\_GCS\_G1\_Young\_Generation], Count, 241

[TOTAL\_GC\_TIME\_G1\_Young\_Generation], Time(ms), 301

[TOTAL\_GC\_TIME\_%\_G1\_Young\_Generation], Time(%), 0.3160337242632004

[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, 241

[TOTAL\_GC\_TIME], Time(ms), 301

[TOTAL\_GC\_TIME\_%], Time(%), 0.3160337242632004

[READ], Operations, 475028

[READ], AverageLatency(us), 181.0215629394478

[READ], MinLatency(us), 111

[READ], MaxLatency(us), 114047

[READ], 95thPercentileLatency(us), 243

[READ], 99thPercentileLatency(us), 344

[READ], Return=OK, 475028

[CLEANUP], Operations, 1

[CLEANUP], AverageLatency(us), 9580.0

[CLEANUP], MinLatency(us), 9576

[CLEANUP], MaxLatency(us), 9583

[CLEANUP], 95thPercentileLatency(us), 9583

[CLEANUP], 99thPercentileLatency(us), 9583

[UPDATE], Operations, 24972

[UPDATE], AverageLatency(us), 239.4083773826686

[UPDATE], MinLatency(us), 141

[UPDATE], MaxLatency(us), 16087

[UPDATE], 95thPercentileLatency(us), 339

[UPDATE], 99thPercentileLatency(us), 491

[UPDATE], Return=OK, 24972

hduser@x18104053-dsmprojb:~/testharness$