2018-12-19 05:32:31:045 70 sec: 364239 operations; 5798.9 current ops/sec; est completion in 27 seconds [READ: Count=55167, Max=10791, Min=119, Avg=167.94, 90=197, 99=308, 99.9=1111, 99.99=6903] [UPDATE: Count=2822, Max=3183, Min=149, Avg=212.03, 90=249, 99=408, 99.9=1125, 99.99=3183]

2018-12-19 05:32:41:046 80 sec: 421911 operations; 5767.2 current ops/sec; est completion in 15 seconds [READ: Count=54669, Max=17855, Min=114, Avg=168.44, 90=201, 99=273, 99.9=1126, 99.99=6979] [UPDATE: Count=3003, Max=7059, Min=142, Avg=215.26, 90=250, 99=374, 99.9=1473, 99.99=7059]

2018-12-19 05:32:51:044 90 sec: 478592 operations; 5668.1 current ops/sec; est completion in 5 second [READ: Count=53835, Max=18815, Min=112, Avg=171.77, 90=207, 99=307, 99.9=1273, 99.99=8103] [UPDATE: Count=2846, Max=10535, Min=142, Avg=215.13, 90=258, 99=398, 99.9=776, 99.99=10535]

2018-12-19 05:32:55:073 94 sec: 500000 operations; 5313.48 current ops/sec; [READ: Count=20294, Max=17055, Min=120, Avg=182.71, 90=221, 99=407, 99.9=1353, 99.99=9743] [CLEANUP: Count=1, Max=8655, Min=8648, Avg=8652, 90=8655, 99=8655, 99.9=8655, 99.99=8655] [UPDATE: Count=1114, Max=4991, Min=151, Avg=224.95, 90=272, 99=485, 99.9=708, 99.99=4991]

[OVERALL], RunTime(ms), 94037

[OVERALL], Throughput(ops/sec), 5317.056052404904

[TOTAL\_GCS\_G1\_Young\_Generation], Count, 240

[TOTAL\_GC\_TIME\_G1\_Young\_Generation], Time(ms), 276

[TOTAL\_GC\_TIME\_%\_G1\_Young\_Generation], Time(%), 0.2935014940927507

[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, 240

[TOTAL\_GC\_TIME], Time(ms), 276

[TOTAL\_GC\_TIME\_%], Time(%), 0.2935014940927507

[READ], Operations, 474906

[READ], AverageLatency(us), 178.51409120962884

[READ], MinLatency(us), 112

[READ], MaxLatency(us), 138367

[READ], 95thPercentileLatency(us), 239

[READ], 99thPercentileLatency(us), 391

[READ], Return=OK, 474906

[CLEANUP], Operations, 1

[CLEANUP], AverageLatency(us), 8652.0

[CLEANUP], MinLatency(us), 8648

[CLEANUP], MaxLatency(us), 8655

[CLEANUP], 95thPercentileLatency(us), 8655

[CLEANUP], 99thPercentileLatency(us), 8655

[UPDATE], Operations, 25094

[UPDATE], AverageLatency(us), 237.1070773890173

[UPDATE], MinLatency(us), 142

[UPDATE], MaxLatency(us), 20623

[UPDATE], 95thPercentileLatency(us), 334

[UPDATE], 99thPercentileLatency(us), 547

[UPDATE], Return=OK, 25094

hduser@x18104053-dsmprojb:~/testharness$ clear

hduser@x18104053-dsmprojb:~/testharness$ ./runtest.sh 5M1

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 05:36:09:493 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 05:36:19:314 10 sec: 29993 operations; 2999 current ops/sec; est completion in 2 minutes [INSERT: Count=30036, Max=126783, Min=118, Avg=253.97, 90=321, 99=723, 99.9=3783, 99.99=9783]

2018-12-19 05:36:29:314 20 sec: 88823 operations; 5883 current ops/sec; est completion in 1 minute [INSERT: Count=58787, Max=8215, Min=109, Avg=166.55, 90=200, 99=329, 99.9=1409, 99.99=6883]

2018-12-19 05:36:39:314 30 sec: 146407 operations; 5758.4 current ops/sec; est completion in 1 minute [INSERT: Count=57584, Max=14399, Min=107, Avg=171.09, 90=203, 99=335, 99.9=2002, 99.99=8527]

2018-12-19 05:36:49:314 40 sec: 202525 operations; 5611.8 current ops/sec; est completion in 59 seconds [INSERT: Count=56118, Max=299519, Min=108, Avg=175.7, 90=209, 99=337, 99.9=1169, 99.99=5863]

2018-12-19 05:36:59:314 50 sec: 261636 operations; 5911.1 current ops/sec; est completion in 46 seconds [INSERT: Count=59115, Max=10463, Min=107, Avg=166.63, 90=205, 99=313, 99.9=1356, 99.99=6635]

2018-12-19 05:37:09:314 60 sec: 317684 operations; 5604.8 current ops/sec; est completion in 35 seconds [INSERT: Count=56044, Max=12615, Min=108, Avg=175.62, 90=216, 99=346, 99.9=2773, 99.99=8375]

2018-12-19 05:37:19:314 70 sec: 372480 operations; 5479.6 current ops/sec; est completion in 24 seconds [INSERT: Count=54796, Max=230527, Min=108, Avg=180.39, 90=209, 99=329, 99.9=1239, 99.99=6755]

2018-12-19 05:37:29:314 80 sec: 428109 operations; 5562.9 current ops/sec; est completion in 14 seconds [INSERT: Count=55629, Max=143871, Min=108, Avg=177.36, 90=215, 99=366, 99.9=1219, 99.99=7231]

2018-12-19 05:37:39:314 90 sec: 479374 operations; 5126.5 current ops/sec; est completion in 4 second [INSERT: Count=51265, Max=1030655, Min=110, Avg=192.76, 90=209, 99=332, 99.9=1668, 99.99=6919]

2018-12-19 05:37:43:153 93 sec: 500000 operations; 5374.15 current ops/sec; [CLEANUP: Count=1, Max=6971, Min=6968, Avg=6970, 90=6971, 99=6971, 99.9=6971, 99.99=6971] [INSERT: Count=20626, Max=9655, Min=109, Avg=183.26, 90=221, 99=381, 99.9=2657, 99.99=7787]

[OVERALL], RunTime(ms), 93839

[OVERALL], Throughput(ops/sec), 5328.275024243651

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

[TOTAL\_GC\_TIME\_G1\_Young\_Generation], Time(ms), 227

[TOTAL\_GC\_TIME\_%\_G1\_Young\_Generation], Time(%), 0.2419036861006618

[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), 227

[TOTAL\_GC\_TIME\_%], Time(%), 0.2419036861006618

[CLEANUP], Operations, 1

[CLEANUP], AverageLatency(us), 6970.0

[CLEANUP], MinLatency(us), 6968

[CLEANUP], MaxLatency(us), 6971

[CLEANUP], 95thPercentileLatency(us), 6971

[CLEANUP], 99thPercentileLatency(us), 6971

[INSERT], Operations, 500000

[INSERT], AverageLatency(us), 180.470592

[INSERT], MinLatency(us), 107

[INSERT], MaxLatency(us), 1030655

[INSERT], 95thPercentileLatency(us), 251

[INSERT], 99thPercentileLatency(us), 369

[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 05:37:44:504 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 05:37:54:290 10 sec: 23368 operations; 2336.8 current ops/sec; est completion in 3 minutes [READ: Count=11992, Max=66367, Min=159, Avg=325.87, 90=373, 99=1921, 99.9=6411, 99.99=38943] [UPDATE: Count=11985, Max=102143, Min=182, Avg=353.71, 90=406, 99=1759, 99.9=7459, 99.99=17407]

2018-12-19 05:38:04:290 20 sec: 59827 operations; 3645.9 current ops/sec; est completion in 2 minutes [READ: Count=17942, Max=28255, Min=121, Avg=248.64, 90=289, 99=1474, 99.9=5623, 99.99=22671] [UPDATE: Count=17908, Max=208255, Min=144, Avg=286.45, 90=324, 99=1464, 99.9=5443, 99.99=16863]

2018-12-19 05:38:14:728 30 sec: 98398 operations; 3857.1 current ops/sec; est completion in 2 minutes [READ: Count=19240, Max=584191, Min=117, Avg=267.12, 90=276, 99=723, 99.9=5707, 99.99=140159] [UPDATE: Count=19338, Max=150271, Min=139, Avg=266.57, 90=317, 99=817, 99.9=7167, 99.99=16255]

2018-12-19 05:38:24:290 40 sec: 130033 operations; 3163.5 current ops/sec; est completion in 1 minute [READ: Count=15855, Max=17823, Min=120, Avg=244.24, 90=298, 99=1324, 99.9=5627, 99.99=10599] [UPDATE: Count=15773, Max=327679, Min=140, Avg=353.1, 90=336, 99=1892, 99.9=11887, 99.99=199807]

2018-12-19 05:38:34:289 50 sec: 170970 operations; 4093.7 current ops/sec; est completion in 1 minute [READ: Count=20321, Max=15143, Min=115, Avg=214.38, 90=246, 99=701, 99.9=5579, 99.99=10695] [UPDATE: Count=20616, Max=413695, Min=136, Avg=267.62, 90=280, 99=1064, 99.9=6295, 99.99=13687]

2018-12-19 05:38:44:290 60 sec: 210638 operations; 3966.8 current ops/sec; est completion in 1 minute [READ: Count=19782, Max=13167, Min=117, Avg=228.62, 90=280, 99=921, 99.9=6227, 99.99=10271] [UPDATE: Count=19886, Max=203007, Min=136, Avg=269.49, 90=317, 99=1042, 99.9=6855, 99.99=14175]

2018-12-19 05:38:54:290 70 sec: 250511 operations; 3987.3 current ops/sec; est completion in 1 minute [READ: Count=19982, Max=27071, Min=119, Avg=232.71, 90=289, 99=787, 99.9=5707, 99.99=15943] [UPDATE: Count=19891, Max=21503, Min=142, Avg=262.81, 90=328, 99=961, 99.9=6467, 99.99=15623]

2018-12-19 05:39:04:290 80 sec: 290977 operations; 4046.6 current ops/sec; est completion in 58 seconds [READ: Count=20177, Max=38143, Min=116, Avg=218.79, 90=255, 99=1224, 99.9=4231, 99.99=12231] [UPDATE: Count=20289, Max=218879, Min=135, Avg=268.6, 90=292, 99=1506, 99.9=4695, 99.99=14639]

2018-12-19 05:39:14:290 90 sec: 303830 operations; 1285.3 current ops/sec; est completion in 59 seconds [READ: Count=6406, Max=2418687, Min=122, Avg=1016.44, 90=463, 99=3173, 99.9=68735, 99.99=438015] [UPDATE: Count=6447, Max=346879, Min=141, Avg=530.22, 90=512, 99=3053, 99.9=23503, 99.99=187647]

2018-12-19 05:39:24:290 100 sec: 313901 operations; 1007.1 current ops/sec; est completion in 1 minute [READ: Count=5107, Max=1228799, Min=157, Avg=912.65, 90=509, 99=2387, 99.9=51967, 99.99=694271] [UPDATE: Count=4964, Max=913407, Min=179, Avg=1067.1, 90=556, 99=2673, 99.9=121087, 99.99=913407]

2018-12-19 05:39:34:290 110 sec: 323451 operations; 954.9 current ops/sec; est completion in 1 minute [READ: Count=4790, Max=1153023, Min=163, Avg=1068.01, 90=510, 99=2459, 99.9=47455, 99.99=1153023] [UPDATE: Count=4773, Max=751615, Min=185, Avg=1014.53, 90=559, 99=2639, 99.9=99391, 99.99=751615]

2018-12-19 05:39:44:290 120 sec: 339551 operations; 1610.16 current ops/sec; est completion in 57 seconds [READ: Count=8160, Max=900607, Min=124, Avg=630.64, 90=459, 99=2225, 99.9=11983, 99.99=436479] [UPDATE: Count=7927, Max=973823, Min=149, Avg=580.71, 90=496, 99=2273, 99.9=17455, 99.99=136191]

2018-12-19 05:39:54:290 130 sec: 358191 operations; 1864 current ops/sec; est completion in 52 seconds [READ: Count=9374, Max=587263, Min=131, Avg=411.92, 90=427, 99=2036, 99.9=7423, 99.99=145919] [UPDATE: Count=9266, Max=956415, Min=148, Avg=623.77, 90=465, 99=2087, 99.9=12871, 99.99=527359]

2018-12-19 05:40:04:290 140 sec: 372307 operations; 1411.6 current ops/sec; est completion in 49 seconds [READ: Count=7069, Max=665087, Min=118, Avg=527.98, 90=408, 99=1272, 99.9=7331, 99.99=331519] [UPDATE: Count=7047, Max=1203199, Min=140, Avg=771.47, 90=437, 99=1033, 99.9=6395, 99.99=868863]

2018-12-19 05:40:14:290 150 sec: 396905 operations; 2459.8 current ops/sec; est completion in 39 seconds [READ: Count=12454, Max=243711, Min=124, Avg=351.25, 90=395, 99=1804, 99.9=10711, 99.99=91839] [UPDATE: Count=12147, Max=1542143, Min=148, Avg=558.03, 90=436, 99=1572, 99.9=10471, 99.99=932351]

2018-12-19 05:40:24:290 160 sec: 421170 operations; 2426.5 current ops/sec; est completion in 30 seconds [READ: Count=12236, Max=424959, Min=120, Avg=343.71, 90=367, 99=1505, 99.9=8343, 99.99=117503] [UPDATE: Count=12030, Max=643583, Min=140, Avg=474.64, 90=409, 99=1316, 99.9=5999, 99.99=626687]

2018-12-19 05:40:34:290 170 sec: 443070 operations; 2190 current ops/sec; est completion in 22 seconds [READ: Count=10850, Max=1185791, Min=117, Avg=499.39, 90=324, 99=1145, 99.9=9911, 99.99=650239] [UPDATE: Count=11049, Max=807935, Min=139, Avg=408.85, 90=360, 99=1265, 99.9=6471, 99.99=612863]

2018-12-19 05:40:44:290 180 sec: 473694 operations; 3062.09 current ops/sec; est completion in 10 seconds [READ: Count=15173, Max=541695, Min=120, Avg=325.81, 90=336, 99=1085, 99.9=6767, 99.99=38655] [UPDATE: Count=15448, Max=539647, Min=140, Avg=319.47, 90=371, 99=1245, 99.9=5991, 99.99=12591]

2018-12-19 05:40:52:370 188 sec: 500000 operations; 3255.69 current ops/sec; [READ: Count=13122, Max=623615, Min=120, Avg=299.12, 90=302, 99=840, 99.9=5579, 99.99=125055] [CLEANUP: Count=1, Max=79423, Min=79360, Avg=79392, 90=79423, 99=79423, 99.9=79423, 99.99=79423] [UPDATE: Count=13184, Max=415743, Min=142, Avg=301.91, 90=338, 99=1062, 99.9=5271, 99.99=94783]

[OVERALL], RunTime(ms), 188078

[OVERALL], Throughput(ops/sec), 2658.4714852348493

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

[TOTAL\_GC\_TIME\_G1\_Young\_Generation], Time(ms), 312

[TOTAL\_GC\_TIME\_%\_G1\_Young\_Generation], Time(%), 0.1658886206786546

[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), 312

[TOTAL\_GC\_TIME\_%], Time(%), 0.1658886206786546

[READ], Operations, 250032

[READ], AverageLatency(us), 348.8309216420298

[READ], MinLatency(us), 115

[READ], MaxLatency(us), 2418687

[READ], 95thPercentileLatency(us), 439

[READ], 99thPercentileLatency(us), 1525

[READ], Return=OK, 250032

[CLEANUP], Operations, 1

[CLEANUP], AverageLatency(us), 79392.0

[CLEANUP], MinLatency(us), 79360

[CLEANUP], MaxLatency(us), 79423

[CLEANUP], 95thPercentileLatency(us), 79423

[CLEANUP], 99thPercentileLatency(us), 79423

[UPDATE], Operations, 249968

[UPDATE], AverageLatency(us), 387.8312063944185

[UPDATE], MinLatency(us), 135

[UPDATE], MaxLatency(us), 1542143

[UPDATE], 95thPercentileLatency(us), 480

[UPDATE], 99thPercentileLatency(us), 1740

[UPDATE], Return=OK, 249968

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 05:41:00:765 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 05:41:10:599 10 sec: 23130 operations; 2312.77 current ops/sec; est completion in 3 minutes [INSERT: Count=23144, Max=156799, Min=131, Avg=280.12, 90=338, 99=700, 99.9=3757, 99.99=11167]

2018-12-19 05:41:20:599 20 sec: 79669 operations; 5654.47 current ops/sec; est completion in 1 minute [INSERT: Count=56525, Max=9807, Min=108, Avg=173.39, 90=214, 99=348, 99.9=1308, 99.99=6015]

2018-12-19 05:41:30:599 30 sec: 135468 operations; 5579.9 current ops/sec; est completion in 1 minute [INSERT: Count=55799, Max=14823, Min=111, Avg=176.69, 90=212, 99=368, 99.9=2299, 99.99=7459]

2018-12-19 05:41:40:600 40 sec: 193000 operations; 5753.2 current ops/sec; est completion in 1 minute [INSERT: Count=57532, Max=9839, Min=107, Avg=171.29, 90=211, 99=346, 99.9=1132, 99.99=7639]

2018-12-19 05:41:50:599 50 sec: 247732 operations; 5473.2 current ops/sec; est completion in 51 seconds [INSERT: Count=54732, Max=10199, Min=111, Avg=180.2, 90=215, 99=380, 99.9=2749, 99.99=8159]

2018-12-19 05:42:00:599 60 sec: 308259 operations; 6052.7 current ops/sec; est completion in 38 seconds [INSERT: Count=60527, Max=16263, Min=107, Avg=162.82, 90=196, 99=313, 99.9=1284, 99.99=6807]

2018-12-19 05:42:10:599 70 sec: 365504 operations; 5724.5 current ops/sec; est completion in 26 seconds [INSERT: Count=57245, Max=365055, Min=106, Avg=172.09, 90=199, 99=319, 99.9=1894, 99.99=6719]

2018-12-19 05:42:20:599 80 sec: 413352 operations; 4784.8 current ops/sec; est completion in 17 seconds [INSERT: Count=47851, Max=984575, Min=109, Avg=206.57, 90=224, 99=393, 99.9=4731, 99.99=10095]

2018-12-19 05:42:30:599 90 sec: 471570 operations; 5821.8 current ops/sec; est completion in 6 second [INSERT: Count=58215, Max=8311, Min=109, Avg=169.39, 90=208, 99=342, 99.9=1163, 99.99=6751]

2018-12-19 05:42:35:928 95 sec: 500000 operations; 5333.96 current ops/sec; [CLEANUP: Count=1, Max=5767, Min=5764, Avg=5766, 90=5767, 99=5767, 99.9=5767, 99.99=5767] [INSERT: Count=28430, Max=522751, Min=109, Avg=184.94, 90=204, 99=313, 99.9=1370, 99.99=5831]

[OVERALL], RunTime(ms), 95338

[OVERALL], Throughput(ops/sec), 5244.498521051417

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

[TOTAL\_GC\_TIME\_G1\_Young\_Generation], Time(ms), 212

[TOTAL\_GC\_TIME\_%\_G1\_Young\_Generation], Time(%), 0.22236673729258008

[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), 212

[TOTAL\_GC\_TIME\_%], Time(%), 0.22236673729258008

[CLEANUP], Operations, 1

[CLEANUP], AverageLatency(us), 5766.0

[CLEANUP], MinLatency(us), 5764

[CLEANUP], MaxLatency(us), 5767

[CLEANUP], 95thPercentileLatency(us), 5767

[CLEANUP], 99thPercentileLatency(us), 5767

[INSERT], Operations, 500000

[INSERT], AverageLatency(us), 181.140368

[INSERT], MinLatency(us), 106

[INSERT], MaxLatency(us), 984575

[INSERT], 95thPercentileLatency(us), 255

[INSERT], 99thPercentileLatency(us), 381

[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 05:42:43:214 0 sec: 0 operations; est completion in 0 second

2018-12-19 05:42:54:625 11 sec: 0 operations; est completion in 106751991167300 days 15 hours

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 05:43:03:018 20 sec: 13486 operations; 1606.82 current ops/sec; est completion in 12 minutes [READ: Count=12766, Max=150783, Min=163, Avg=299.54, 90=325, 99=1381, 99.9=4727, 99.99=9687] [UPDATE: Count=729, Max=23103, Min=239, Avg=484.26, 90=495, 99=3009, 99.9=8271, 99.99=23103]

2018-12-19 05:43:13:018 30 sec: 56389 operations; 4290.3 current ops/sec; est completion in 3 minutes [READ: Count=40791, Max=72639, Min=143, Avg=221.77, 90=267, 99=327, 99.9=1623, 99.99=6603] [UPDATE: Count=2106, Max=5011, Min=210, Avg=295.81, 90=345, 99=408, 99.9=1629, 99.99=5011]

2018-12-19 05:43:23:018 40 sec: 109253 operations; 5286.4 current ops/sec; est completion in 2 minutes [READ: Count=50318, Max=11911, Min=113, Avg=182.32, 90=217, 99=389, 99.9=2891, 99.99=7679] [UPDATE: Count=2549, Max=9871, Min=152, Avg=266.48, 90=305, 99=630, 99.9=5651, 99.99=9871]

2018-12-19 05:43:33:018 50 sec: 166090 operations; 5683.7 current ops/sec; est completion in 1 minute [READ: Count=53966, Max=7543, Min=117, Avg=170.47, 90=205, 99=284, 99.9=1015, 99.99=3877] [UPDATE: Count=2866, Max=6715, Min=151, Avg=226.06, 90=263, 99=386, 99.9=4231, 99.99=6715]

2018-12-19 05:43:43:018 60 sec: 223581 operations; 5749.1 current ops/sec; est completion in 1 minute [READ: Count=54637, Max=10919, Min=117, Avg=169.37, 90=203, 99=293, 99.9=1075, 99.99=5863] [UPDATE: Count=2853, Max=1488, Min=146, Avg=213, 90=258, 99=365, 99.9=943, 99.99=1488]

2018-12-19 05:43:53:018 70 sec: 281675 operations; 5809.4 current ops/sec; est completion in 55 seconds [READ: Count=55184, Max=12679, Min=111, Avg=167.71, 90=202, 99=284, 99.9=1171, 99.99=5979] [UPDATE: Count=2910, Max=2363, Min=141, Avg=208.15, 90=253, 99=353, 99.9=1037, 99.99=2363]

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$