```
Computer Info Complete
Python Module Listing Complete
CPU Test: 1 / 10 complete.
CPU Test: 2 / 10 complete.
CPU Test: 3 / 10 complete.
CPU Test: 4 / 10 complete.
CPU Test: 5 / 10 complete.
CPU Test: 6 / 10 complete.
CPU Test: 7 / 10 complete.
CPU Test: 8 / 10 complete.
CPU Test: 9 / 10 complete.
CPU Test: 10 / 10 complete.
Memory Test: 1 / 10 complete.
Memory Test: 2 / 10 complete.
Memory Test: 3 / 10 complete.
Memory Test: 4 / 10 complete.
Memory Test: 5 / 10 complete.
Memory Test: 6 / 10 complete.
Memory Test: 7 / 10 complete.
Memory Test: 8 / 10 complete.
Memory Test: 9 / 10 complete.
Memory Test: 10 / 10 complete.
Thread Test: 1 / 10 complete.
Thread Test: 2 / 10 complete.
Thread Test: 3 / 10 complete.
Thread Test: 4 / 10 complete.
Thread Test: 5 / 10 complete.
Thread Test: 6 / 10 complete.
Thread Test: 7 / 10 complete.
Thread Test: 8 / 10 complete.
Thread Test: 9 / 10 complete.
Thread Test: 10 / 10 complete.
File Test: 1 / 10 complete.
File Test: 2 / 10 complete.
File Test: 3 / 10 complete.
File Test: 4 / 10 complete.
File Test: 5 / 10 complete.
File Test: 6 / 10 complete.
File Test: 7 / 10 complete.
File Test: 8 / 10 complete.
File Test: 9 / 10 complete.
File Test: 10 / 10 complete.
CPython default
Linux-4.15.0-20-generic-x86_64-with-Ubuntu-18.04-bionic
x86_64 x86_64 x 8 cores
FQDN: ronc-GL752VW ( ronc-GL752VW )
LAN IPv4: 127.0.1.1

Package      Version
------------ ---------
asn1crypto   0.24.0
certifi      2018.4.16
cffi         1.11.4
chardet      3.0.4
conda        4.5.1
cryptography 2.1.4
enum34       1.1.6
futures      3.2.0
idna         2.6
ipaddress    1.0.19
pip          9.0.1
pycosat      0.6.3
pycparser    2.18
pyOpenSSL    17.5.0
PySocks      1.6.7
requests     2.18.4
ruamel-yaml  0.15.35
setuptools   38.4.0
six          1.11.0
urllib3      1.22
wheel        0.30.0

Package      Version
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certifi      2018.4.16
cffi         1.11.4
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futures      3.2.0
idna         2.6
ipaddress    1.0.19
pip          9.0.1
pycosat      0.6.3
pycparser    2.18
pyOpenSSL    17.5.0

Memory Test 8 Start: 2018-05-17 02:05:37.003180
sysbench 0.4.12:  multi-threaded system evaluation benchmark

Running the test with following options:
Number of threads: 8

Doing memory operations speed test
Memory block size: 1K

Memory transfer size: 10240M

Memory operations type: write
Memory scope type: global
Threads started!
Done.

Operations performed: 10485760 (4307716.64 ops/sec)

10240.00 MB transferred (4206.75 MB/sec)


Test execution summary:
    total time:                          2.4342s
    total number of events:              10485760
    total time taken by event execution: 9.6471
    per-request statistics:
         min:                                  0.00ms
         avg:                                  0.00ms
         max:                                  4.91ms
         approx.  95 percentile:               0.00ms

Threads fairness:
    events (avg/stddev):           1310720.0000/6985.65
    execution time (avg/stddev):   1.2059/0.01

Memory Test 8 End: 2018-05-17 02:05:39.443756
Memory Test 9 Start: 2018-05-17 02:05:40.444908
sysbench 0.4.12:  multi-threaded system evaluation benchmark

Running the test with following options:
Number of threads: 8

Doing memory operations speed test
Memory block size: 1K
Memory transfer size: 10240M

Memory operations type: write
Memory scope type: global
Threads started!
Done.

Operations performed: 10485760 (4218418.37 ops/sec)

10240.00 MB transferred (4119.55 MB/sec)


Test execution summary:
    total time:                          2.4857s
    total number of events:              10485760
    total time taken by event execution: 10.1942
    per-request statistics:
         min:                                  0.00ms
         avg:                                  0.00ms
         max:                                  1.25ms
         approx.  95 percentile:               0.00ms

Threads fairness:
    events (avg/stddev):           1310720.0000/6978.40
    execution time (avg/stddev):   1.2743/0.00

Memory Test 9 End: 2018-05-17 02:05:42.933043

Thread Test 0 Start: 2018-05-17 02:05:43.934308
sysbench 0.4.12:  multi-threaded system evaluation benchmark

Running the test with following options:
Number of threads: 128

Doing thread subsystem performance test
Thread yields per test: 1000 Locks used: 8
Threads started!
Done.


Test execution summary:
    total time:                          2.7651s
    total number of events:              10000
    total time taken by event execution: 350.5884
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```
PySocks      1.6.7
requests     2.18.4
ruamel-yaml  0.15.35
setuptools   38.4.0
six          1.11.0
urllib3      1.22
wheel        0.30.0

CPU Test 0 Start: 2018-05-17 02:04:25.104727
sysbench 0.4.12:  multi-threaded system evaluation benchmark

Running the test with following options:
Number of threads: 8

Doing CPU performance benchmark

Threads started!
Done.

Maximum prime number checked in CPU test: 20000


Test execution summary:
    total time:                          3.3839s
    total number of events:              10000
    total time taken by event execution: 27.0621
    per-request statistics:
         min:                                  2.44ms
         avg:                                  2.71ms
         max:                                  7.38ms
         approx.  95 percentile:               2.73ms

Threads fairness:
    events (avg/stddev):           1250.0000/2.18
    execution time (avg/stddev):   3.3828/0.00

CPU Test 0 End: 2018-05-17 02:04:28.491192
CPU Test 1 Start: 2018-05-17 02:04:29.492534
sysbench 0.4.12:  multi-threaded system evaluation benchmark

Running the test with following options:
Number of threads: 8

Doing CPU performance benchmark

Threads started!
Done.

Maximum prime number checked in CPU test: 20000


Test execution summary:
    total time:                          3.3860s
    total number of events:              10000
    total time taken by event execution: 27.0736
    per-request statistics:
         min:                                  2.50ms
         avg:                                  2.71ms
         max:                                  7.15ms
         approx.  95 percentile:               2.73ms

Threads fairness:
    events (avg/stddev):           1250.0000/2.12
    execution time (avg/stddev):   3.3842/0.00

CPU Test 1 End: 2018-05-17 02:04:32.885148
CPU Test 2 Start: 2018-05-17 02:04:33.886449
sysbench 0.4.12:  multi-threaded system evaluation benchmark

Running the test with following options:
Number of threads: 8

Doing CPU performance benchmark

Threads started!
Done.

Maximum prime number checked in CPU test: 20000


Test execution summary:
    total time:                          3.3840s
    total number of events:              10000
    total time taken by event execution: 27.0569
    per-request statistics:
         min:                                  2.43ms
         avg:                                  2.71ms
         max:                                  8.61ms
         approx.  95 percentile:               2.73ms

    per-request statistics:
         min:                                  0.45ms
         avg:                                 35.06ms
         max:                                243.46ms
         approx.  95 percentile:              86.49ms

Threads fairness:
    events (avg/stddev):           78.1250/6.55
    execution time (avg/stddev):   2.7390/0.01

Thread Test 0 End: 2018-05-17 02:05:46.706087
Thread Test 1 Start: 2018-05-17 02:05:47.707339
sysbench 0.4.12:  multi-threaded system evaluation benchmark

Running the test with following options:
Number of threads: 128

Doing thread subsystem performance test
Thread yields per test: 1000 Locks used: 8
Threads started!
Done.


Test execution summary:
    total time:                          2.9587s
    total number of events:              10000
    total time taken by event execution: 376.2520
    per-request statistics:
         min:                                  0.40ms
         avg:                                 37.63ms
         max:                                211.08ms
         approx.  95 percentile:              83.34ms

Threads fairness:
    events (avg/stddev):           78.1250/5.24
    execution time (avg/stddev):   2.9395/0.01

Thread Test 1 End: 2018-05-17 02:05:50.672711
Thread Test 2 Start: 2018-05-17 02:05:51.673996
sysbench 0.4.12:  multi-threaded system evaluation benchmark

Running the test with following options:
Number of threads: 128

Doing thread subsystem performance test
Thread yields per test: 1000 Locks used: 8
Threads started!
Done.


Test execution summary:
    total time:                          2.6188s
    total number of events:              10000
    total time taken by event execution: 331.7927
    per-request statistics:
         min:                                  0.40ms
         avg:                                 33.18ms
         max:                                250.70ms
         approx.  95 percentile:             111.92ms

Threads fairness:
    events (avg/stddev):           78.1250/7.08
    execution time (avg/stddev):   2.5921/0.02

Thread Test 2 End: 2018-05-17 02:05:54.299371
Thread Test 3 Start: 2018-05-17 02:05:55.300598
sysbench 0.4.12:  multi-threaded system evaluation benchmark

Running the test with following options:
Number of threads: 128

Doing thread subsystem performance test
Thread yields per test: 1000 Locks used: 8
Threads started!
Done.


Test execution summary:
    total time:                          2.9203s
    total number of events:              10000
    total time taken by event execution: 371.7417
    per-request statistics:
         min:                                  0.39ms
         avg:                                 37.17ms
         max:                                336.45ms
         approx.  95 percentile:              85.51ms

Threads fairness:
    events (avg/stddev):           78.1250/4.81
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Threads fairness:
    events (avg/stddev):           1250.0000/2.50
    execution time (avg/stddev):   3.3821/0.00

CPU Test 2 End: 2018-05-17 02:04:37.276857
CPU Test 3 Start: 2018-05-17 02:04:38.278133
sysbench 0.4.12:  multi-threaded system evaluation benchmark

Running the test with following options:
Number of threads: 8

Doing CPU performance benchmark

Threads started!
Done.

Maximum prime number checked in CPU test: 20000


Test execution summary:
    total time:                          3.3829s
    total number of events:              10000
    total time taken by event execution: 27.0465
    per-request statistics:
         min:                                  2.47ms
         avg:                                  2.70ms
         max:                                  8.40ms
         approx.  95 percentile:               2.73ms

Threads fairness:
    events (avg/stddev):           1250.0000/2.00
    execution time (avg/stddev):   3.3808/0.00

CPU Test 3 End: 2018-05-17 02:04:41.667508
CPU Test 4 Start: 2018-05-17 02:04:42.668883
sysbench 0.4.12:  multi-threaded system evaluation benchmark

Running the test with following options:
Number of threads: 8

Doing CPU performance benchmark

Threads started!
Done.

Maximum prime number checked in CPU test: 20000


Test execution summary:
    total time:                          3.3883s
    total number of events:              10000
    total time taken by event execution: 27.0935
    per-request statistics:
         min:                                  2.48ms
         avg:                                  2.71ms
         max:                                  7.34ms
         approx.  95 percentile:               2.73ms

Threads fairness:
    events (avg/stddev):           1250.0000/1.73
    execution time (avg/stddev):   3.3867/0.00

CPU Test 4 End: 2018-05-17 02:04:46.063278
CPU Test 5 Start: 2018-05-17 02:04:47.064547
sysbench 0.4.12:  multi-threaded system evaluation benchmark

Running the test with following options:
Number of threads: 8

Doing CPU performance benchmark

Threads started!
Done.

Maximum prime number checked in CPU test: 20000


Test execution summary:
    total time:                          3.3877s
    total number of events:              10000
    total time taken by event execution: 27.0903
    per-request statistics:
         min:                                  2.51ms
         avg:                                  2.71ms
         max:                                  7.21ms
         approx.  95 percentile:               2.73ms

Threads fairness:
    events (avg/stddev):           1250.0000/2.50
    execution time (avg/stddev):   3.3829/0.00

Thread Test 3 End: 2018-05-17 02:05:58.227605
Thread Test 4 Start: 2018-05-17 02:05:59.228817
sysbench 0.4.12:  multi-threaded system evaluation benchmark

Running the test with following options:
Number of threads: 128

Doing thread subsystem performance test
Thread yields per test: 1000 Locks used: 8
Threads started!
Done.


Test execution summary:
    total time:                          2.9312s
    total number of events:              10000
    total time taken by event execution: 373.0844
    per-request statistics:
         min:                                  0.48ms
         avg:                                 37.31ms
         max:                                176.26ms
         approx.  95 percentile:              89.20ms

Threads fairness:
    events (avg/stddev):           78.1250/5.22
    execution time (avg/stddev):   2.9147/0.01

Thread Test 4 End: 2018-05-17 02:06:02.162920
Thread Test 5 Start: 2018-05-17 02:06:03.164192
sysbench 0.4.12:  multi-threaded system evaluation benchmark

Running the test with following options:
Number of threads: 128

Doing thread subsystem performance test
Thread yields per test: 1000 Locks used: 8
Threads started!
Done.


Test execution summary:
    total time:                          2.6097s
    total number of events:              10000
    total time taken by event execution: 330.8394
    per-request statistics:
         min:                                  0.41ms
         avg:                                 33.08ms
         max:                                229.90ms
         approx.  95 percentile:              98.96ms

Threads fairness:
    events (avg/stddev):           78.1250/7.72
    execution time (avg/stddev):   2.5847/0.01

Thread Test 5 End: 2018-05-17 02:06:05.780577
Thread Test 6 Start: 2018-05-17 02:06:06.781793
sysbench 0.4.12:  multi-threaded system evaluation benchmark

Running the test with following options:
Number of threads: 128

Doing thread subsystem performance test
Thread yields per test: 1000 Locks used: 8
Threads started!
Done.


Test execution summary:
    total time:                          2.8503s
    total number of events:              10000
    total time taken by event execution: 361.9268
    per-request statistics:
         min:                                  0.45ms
         avg:                                 36.19ms
         max:                                218.37ms
         approx.  95 percentile:              87.98ms

Threads fairness:
    events (avg/stddev):           78.1250/6.70
    execution time (avg/stddev):   2.8276/0.01

Thread Test 6 End: 2018-05-17 02:06:09.638523
Thread Test 7 Start: 2018-05-17 02:06:10.639784
sysbench 0.4.12:  multi-threaded system evaluation benchmark

Running the test with following options:
Number of threads: 128
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    events (avg/stddev):           1250.0000/2.18
    execution time (avg/stddev):   3.3863/0.00

CPU Test 5 End: 2018-05-17 02:04:50.458683
CPU Test 6 Start: 2018-05-17 02:04:51.459937
sysbench 0.4.12:  multi-threaded system evaluation benchmark

Running the test with following options:
Number of threads: 8

Doing CPU performance benchmark

Threads started!
Done.

Maximum prime number checked in CPU test: 20000


Test execution summary:
    total time:                          3.4041s
    total number of events:              10000
    total time taken by event execution: 27.2194
    per-request statistics:
         min:                                  2.49ms
         avg:                                  2.72ms
         max:                                 18.72ms
         approx.  95 percentile:               2.73ms

Threads fairness:
    events (avg/stddev):           1250.0000/7.18
    execution time (avg/stddev):   3.4024/0.00

CPU Test 6 End: 2018-05-17 02:04:54.870699
CPU Test 7 Start: 2018-05-17 02:04:55.871981
sysbench 0.4.12:  multi-threaded system evaluation benchmark

Running the test with following options:
Number of threads: 8

Doing CPU performance benchmark

Threads started!
Done.

Maximum prime number checked in CPU test: 20000


Test execution summary:
    total time:                          3.4022s
    total number of events:              10000
    total time taken by event execution: 27.2042
    per-request statistics:
         min:                                  2.63ms
         avg:                                  2.72ms
         max:                                 19.41ms
         approx.  95 percentile:               2.73ms

Threads fairness:
    events (avg/stddev):           1250.0000/6.40
    execution time (avg/stddev):   3.4005/0.00

CPU Test 7 End: 2018-05-17 02:04:59.280936
CPU Test 8 Start: 2018-05-17 02:05:00.282178
sysbench 0.4.12:  multi-threaded system evaluation benchmark

Running the test with following options:
Number of threads: 8

Doing CPU performance benchmark

Threads started!
Done.

Maximum prime number checked in CPU test: 20000


Test execution summary:
    total time:                          3.3864s
    total number of events:              10000
    total time taken by event execution: 27.0765
    per-request statistics:
         min:                                  2.57ms
         avg:                                  2.71ms
         max:                                  6.73ms
         approx.  95 percentile:               2.73ms

Threads fairness:
    events (avg/stddev):           1250.0000/3.57
    execution time (avg/stddev):   3.3846/0.00

Doing thread subsystem performance test
Thread yields per test: 1000 Locks used: 8
Threads started!
Done.


Test execution summary:
    total time:                          2.8403s
    total number of events:              10000
    total time taken by event execution: 360.8807
    per-request statistics:
         min:                                  0.42ms
         avg:                                 36.09ms
         max:                                204.13ms
         approx.  95 percentile:              83.81ms

Threads fairness:
    events (avg/stddev):           78.1250/6.55
    execution time (avg/stddev):   2.8194/0.01

Thread Test 7 End: 2018-05-17 02:06:13.486715
Thread Test 8 Start: 2018-05-17 02:06:14.487991
sysbench 0.4.12:  multi-threaded system evaluation benchmark

Running the test with following options:
Number of threads: 128

Doing thread subsystem performance test
Thread yields per test: 1000 Locks used: 8
Threads started!
Done.


Test execution summary:
    total time:                          2.9684s
    total number of events:              10000
    total time taken by event execution: 376.5698
    per-request statistics:
         min:                                  0.45ms
         avg:                                 37.66ms
         max:                                199.69ms
         approx.  95 percentile:              84.07ms

Threads fairness:
    events (avg/stddev):           78.1250/5.29
    execution time (avg/stddev):   2.9420/0.01

Thread Test 8 End: 2018-05-17 02:06:17.463071
Thread Test 9 Start: 2018-05-17 02:06:18.464321
sysbench 0.4.12:  multi-threaded system evaluation benchmark

Running the test with following options:
Number of threads: 128

Doing thread subsystem performance test
Thread yields per test: 1000 Locks used: 8
Threads started!
Done.


Test execution summary:
    total time:                          2.8647s
    total number of events:              10000
    total time taken by event execution: 363.6801
    per-request statistics:
         min:                                  0.40ms
         avg:                                 36.37ms
         max:                                208.34ms
         approx.  95 percentile:              91.74ms

Threads fairness:
    events (avg/stddev):           78.1250/6.52
    execution time (avg/stddev):   2.8413/0.01

Thread Test 9 End: 2018-05-17 02:06:21.335560

File Test 0 Start: 2018-05-17 02:06:22.336896
sysbench 0.4.12:  multi-threaded system evaluation benchmark

Running the test with following options:
Number of threads: 8

Extra file open flags: 0
128 files, 128Mb each
16Gb total file size
Block size 16Kb
Number of random requests for random IO: 10000
Read/Write ratio for combined random IO test: 1.50
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CPU Test 8 End: 2018-05-17 02:05:03.675050
CPU Test 9 Start: 2018-05-17 02:05:04.676367
sysbench 0.4.12:  multi-threaded system evaluation benchmark

Running the test with following options:
Number of threads: 8

Doing CPU performance benchmark

Threads started!
Done.

Maximum prime number checked in CPU test: 20000


Test execution summary:
    total time:                          3.3943s
    total number of events:              10000
    total time taken by event execution: 27.1380
    per-request statistics:
         min:                                  2.49ms
         avg:                                  2.71ms
         max:                                 10.00ms
         approx.  95 percentile:               2.73ms

Threads fairness:
    events (avg/stddev):           1250.0000/3.16
    execution time (avg/stddev):   3.3923/0.00

CPU Test 9 End: 2018-05-17 02:05:08.077670

Memory Test 0 Start: 2018-05-17 02:05:09.079005
sysbench 0.4.12:  multi-threaded system evaluation benchmark

Running the test with following options:
Number of threads: 8

Doing memory operations speed test
Memory block size: 1K

Memory transfer size: 10240M

Memory operations type: write
Memory scope type: global
Threads started!
Done.

Operations performed: 10485760 (4179840.57 ops/sec)

10240.00 MB transferred (4081.88 MB/sec)


Test execution summary:
    total time:                          2.5087s
    total number of events:              10485760
    total time taken by event execution: 10.2844
    per-request statistics:
         min:                                  0.00ms
         avg:                                  0.00ms
         max:                                 15.32ms
         approx.  95 percentile:               0.00ms

Threads fairness:
    events (avg/stddev):           1310720.0000/13446.82
    execution time (avg/stddev):   1.2855/0.01

Memory Test 0 End: 2018-05-17 02:05:11.594712
Memory Test 1 Start: 2018-05-17 02:05:12.596015
sysbench 0.4.12:  multi-threaded system evaluation benchmark

Running the test with following options:
Number of threads: 8

Doing memory operations speed test
Memory block size: 1K

Memory transfer size: 10240M

Memory operations type: write
Memory scope type: global
Threads started!
Done.

Operations performed: 10485760 (4247943.19 ops/sec)

10240.00 MB transferred (4148.38 MB/sec)

Periodic FSYNC enabled, calling fsync() each 100 requests.
Calling fsync() at the end of test, Enabled.
Using synchronous I/O mode
Doing random r/w test
Threads started!
Done.

Operations performed:  6031 Read, 4016 Write, 12810 Other = 22857 Total
Read 94.234Mb  Written 62.75Mb  Total transferred 156.98Mb  (3.4817Mb/sec)
  222.83 Requests/sec executed

Test execution summary:
    total time:                          45.0878s
    total number of events:              10047
    total time taken by event execution: 65.8059
    per-request statistics:
         min:                                  0.00ms
         avg:                                  6.55ms
         max:                                355.50ms
         approx.  95 percentile:              52.07ms

Threads fairness:
    events (avg/stddev):           1255.8750/101.28
    execution time (avg/stddev):   8.2257/0.57

File Test 0 End: 2018-05-17 02:10:25.441956
sysbench 0.4.12:  multi-threaded system evaluation benchmark

Running the test with following options:
Number of threads: 8

Extra file open flags: 0
128 files, 128Mb each
16Gb total file size
Block size 16Kb
Number of random requests for random IO: 10000
Read/Write ratio for combined random IO test: 1.50
Periodic FSYNC enabled, calling fsync() each 100 requests.
Calling fsync() at the end of test, Enabled.
Using synchronous I/O mode
Doing random r/w test
Threads started!
Done.

Operations performed:  6084 Read, 4051 Write, 12810 Other = 22945 Total
Read 95.062Mb  Written 63.297Mb  Total transferred 158.36Mb  (4.8073Mb/sec)
  307.67 Requests/sec executed

Test execution summary:
    total time:                          32.9413s
    total number of events:              10135
    total time taken by event execution: 4.6232
    per-request statistics:
         min:                                  0.00ms
         avg:                                  0.46ms
         max:                                107.32ms
         approx.  95 percentile:               0.05ms

Threads fairness:
    events (avg/stddev):           1266.8750/141.86
    execution time (avg/stddev):   0.5779/0.11

File Test 2 Start: 2018-05-17 02:11:00.389341
sysbench 0.4.12:  multi-threaded system evaluation benchmark

Running the test with following options:
Number of threads: 8

Extra file open flags: 0
128 files, 128Mb each
16Gb total file size
Block size 16Kb
Number of random requests for random IO: 10000
Read/Write ratio for combined random IO test: 1.50
Periodic FSYNC enabled, calling fsync() each 100 requests.
Calling fsync() at the end of test, Enabled.
Using synchronous I/O mode
Doing random r/w test
Threads started!
Done.

Operations performed:  6095 Read, 4060 Write, 12803 Other = 22958 Total
Read 95.234Mb  Written 63.438Mb  Total transferred 158.67Mb  (4.5562Mb/sec)
  291.60 Requests/sec executed

Test execution summary:
    total time:                          34.8254s
    total number of events:              10155
    total time taken by event execution: 11.2681
```

```
Test execution summary:
    total time:                          2.4684s
    total number of events:              10485760
    total time taken by event execution: 9.7298
    per-request statistics:
         min:                                  0.00ms
         avg:                                  0.00ms
         max:                                  1.98ms
         approx.  95 percentile:               0.00ms

Threads fairness:
    events (avg/stddev):           1310720.0000/7263.33
    execution time (avg/stddev):   1.2162/0.00

Memory Test 1 End: 2018-05-17 02:05:15.070928
Memory Test 2 Start: 2018-05-17 02:05:16.072185
sysbench 0.4.12:  multi-threaded system evaluation benchmark

Running the test with following options:
Number of threads: 8

Doing memory operations speed test
Memory block size: 1K

Memory transfer size: 10240M

Memory operations type: write
Memory scope type: global
Threads started!
Done.

Operations performed: 10485760 (4217612.95 ops/sec)

10240.00 MB transferred (4118.76 MB/sec)


Test execution summary:
    total time:                          2.4862s
    total number of events:              10485760
    total time taken by event execution: 9.7312
    per-request statistics:
         min:                                  0.00ms
         avg:                                  0.00ms
         max:                                  3.23ms
         approx.  95 percentile:               0.00ms

Threads fairness:
    events (avg/stddev):           1310720.0000/7972.10
    execution time (avg/stddev):   1.2164/0.00

Memory Test 2 End: 2018-05-17 02:05:18.562144
Memory Test 3 Start: 2018-05-17 02:05:19.563458
sysbench 0.4.12:  multi-threaded system evaluation benchmark

Running the test with following options:
Number of threads: 8

Doing memory operations speed test
Memory block size: 1K

Memory transfer size: 10240M

Memory operations type: write
Memory scope type: global
Threads started!
Done.

Operations performed: 10485760 (4230733.23 ops/sec)

10240.00 MB transferred (4131.58 MB/sec)


Test execution summary:
    total time:                          2.4785s
    total number of events:              10485760
    total time taken by event execution: 9.8687
    per-request statistics:
         min:                                  0.00ms
         avg:                                  0.00ms
         max:                                  4.98ms
         approx.  95 percentile:               0.00ms

Threads fairness:
    events (avg/stddev):           1310720.0000/4487.65
    execution time (avg/stddev):   1.2336/0.00

Memory Test 3 End: 2018-05-17 02:05:22.048438
Memory Test 4 Start: 2018-05-17 02:05:23.049731
sysbench 0.4.12:  multi-threaded system evaluation benchmark
    per-request statistics:
         min:                                  0.00ms
         avg:                                  1.11ms
         max:                                131.55ms
         approx.  95 percentile:               0.09ms

Threads fairness:
    events (avg/stddev):           1269.3750/104.64
    execution time (avg/stddev):   1.4085/0.15

File Test 2 End: 2018-05-17 02:11:35.222629
File Test 3 Start: 2018-05-17 02:11:36.223755
sysbench 0.4.12:  multi-threaded system evaluation benchmark

Running the test with following options:
Number of threads: 8

Extra file open flags: 0
128 files, 128Mb each
16Gb total file size
Block size 16Kb
Number of random requests for random IO: 10000
Read/Write ratio for combined random IO test: 1.50
Periodic FSYNC enabled, calling fsync() each 100 requests.
Calling fsync() at the end of test, Enabled.
Using synchronous I/O mode
Doing random r/w test
Threads started!
Done.

Operations performed:  6060 Read, 4039 Write, 12802 Other = 22901 Total
Read 94.688Mb  Written 63.109Mb  Total transferred 157.8Mb  (4.7695Mb/sec)
  305.25 Requests/sec executed

Test execution summary:
    total time:                          33.0843s
    total number of events:              10099
    total time taken by event execution: 4.7533
    per-request statistics:
         min:                                  0.00ms
         avg:                                  0.47ms
         max:                                 74.39ms
         approx.  95 percentile:               0.06ms

Threads fairness:
    events (avg/stddev):           1262.3750/107.45
    execution time (avg/stddev):   0.5942/0.13

File Test 3 End: 2018-05-17 02:12:09.316312
File Test 4 Start: 2018-05-17 02:12:10.317703
sysbench 0.4.12:  multi-threaded system evaluation benchmark

Running the test with following options:
Number of threads: 8

Extra file open flags: 0
128 files, 128Mb each
16Gb total file size
Block size 16Kb
Number of random requests for random IO: 10000
Read/Write ratio for combined random IO test: 1.50
Periodic FSYNC enabled, calling fsync() each 100 requests.
Calling fsync() at the end of test, Enabled.
Using synchronous I/O mode
Doing random r/w test
Threads started!
Done.

Operations performed:  6061 Read, 4037 Write, 12812 Other = 22910 Total
Read 94.703Mb  Written 63.078Mb  Total transferred 157.78Mb  (4.5688Mb/sec)
  292.40 Requests/sec executed

Test execution summary:
    total time:                          34.5348s
    total number of events:              10098
    total time taken by event execution: 15.4833
    per-request statistics:
         min:                                  0.00ms
         avg:                                  1.53ms
         max:                                140.55ms
         approx.  95 percentile:               0.10ms

Threads fairness:
    events (avg/stddev):           1262.2500/75.76
    execution time (avg/stddev):   1.9354/0.26

File Test 4 End: 2018-05-17 02:12:44.860937
File Test 5 Start: 2018-05-17 02:12:45.862272
sysbench 0.4.12:  multi-threaded system evaluation benchmark
```

```
Running the test with following options:
Number of threads: 8

Doing memory operations speed test
Memory block size: 1K

Memory transfer size: 10240M

Memory operations type: write
Memory scope type: global
Threads started!
Done.

Operations performed: 10485760 (4218799.51 ops/sec)

10240.00 MB transferred (4119.92 MB/sec)


Test execution summary:
    total time:                          2.4855s
    total number of events:              10485760
    total time taken by event execution: 9.9321
    per-request statistics:
         min:                                  0.00ms
         avg:                                  0.00ms
         max:                                  3.36ms
         approx.  95 percentile:               0.00ms

Threads fairness:
    events (avg/stddev):           1310720.0000/4580.65
    execution time (avg/stddev):   1.2415/0.00

Memory Test 4 End: 2018-05-17 02:05:25.541698
Memory Test 5 Start: 2018-05-17 02:05:26.542945
sysbench 0.4.12:  multi-threaded system evaluation benchmark

Running the test with following options:
Number of threads: 8

Doing memory operations speed test
Memory block size: 1K

Memory transfer size: 10240M

Memory operations type: write
Memory scope type: global
Threads started!
Done.

Operations performed: 10485760 (4231489.10 ops/sec)

10240.00 MB transferred (4132.31 MB/sec)


Test execution summary:
    total time:                          2.4780s
    total number of events:              10485760
    total time taken by event execution: 10.3377
    per-request statistics:
         min:                                  0.00ms
         avg:                                  0.00ms
         max:                                  1.35ms
         approx.  95 percentile:               0.00ms

Threads fairness:
    events (avg/stddev):           1310720.0000/4061.01
    execution time (avg/stddev):   1.2922/0.00

Memory Test 5 End: 2018-05-17 02:05:29.027461
Memory Test 6 Start: 2018-05-17 02:05:30.028751
sysbench 0.4.12:  multi-threaded system evaluation benchmark

Running the test with following options:
Number of threads: 8

Doing memory operations speed test
Memory block size: 1K

Memory transfer size: 10240M

Memory operations type: write
Memory scope type: global
Threads started!
Done.

Operations performed: 10485760 (4243450.40 ops/sec)

10240.00 MB transferred (4143.99 MB/sec)
```

```
Running the test with following options:
Number of threads: 8

Extra file open flags: 0
128 files, 128Mb each
16Gb total file size
Block size 16Kb
Number of random requests for random IO: 10000
Read/Write ratio for combined random IO test: 1.50
Periodic FSYNC enabled, calling fsync() each 100 requests.
Calling fsync() at the end of test, Enabled.
Using synchronous I/O mode
Doing random r/w test
Threads started!
Done.

Operations performed:  6070 Read, 4047 Write, 12807 Other = 22924 Total
Read 94.844Mb  Written 63.234Mb  Total transferred 158.08Mb  (4.6825Mb/sec)
  299.68 Requests/sec executed

Test execution summary:
    total time:                          33.7592s
    total number of events:              10117
    total time taken by event execution: 4.5706
    per-request statistics:
         min:                                  0.00ms
         avg:                                  0.45ms
         max:                                 76.87ms
         approx.  95 percentile:               0.06ms

Threads fairness:
    events (avg/stddev):           1264.6250/106.66
    execution time (avg/stddev):   0.5713/0.08

File Test 5 End: 2018-05-17 02:13:19.629930
File Test 6 Start: 2018-05-17 02:13:20.631270
sysbench 0.4.12:  multi-threaded system evaluation benchmark

Running the test with following options:
Number of threads: 8

Extra file open flags: 0
128 files, 128Mb each
16Gb total file size
Block size 16Kb
Number of random requests for random IO: 10000
Read/Write ratio for combined random IO test: 1.50
Periodic FSYNC enabled, calling fsync() each 100 requests.
Calling fsync() at the end of test, Enabled.
Using synchronous I/O mode
Doing random r/w test
Threads started!
Done.

Operations performed:  6049 Read, 4028 Write, 12813 Other = 22890 Total
Read 94.516Mb  Written 62.938Mb  Total transferred 157.45Mb  (3.9662Mb/sec)
  253.84 Requests/sec executed

Test execution summary:
    total time:                          39.6986s
    total number of events:              10077
    total time taken by event execution: 41.2130
    per-request statistics:
         min:                                  0.00ms
         avg:                                  4.09ms
         max:                                206.47ms
         approx.  95 percentile:              35.15ms

Threads fairness:
    events (avg/stddev):           1259.6250/79.39
    execution time (avg/stddev):   5.1516/0.34

File Test 6 End: 2018-05-17 02:14:00.339281
File Test 7 Start: 2018-05-17 02:14:01.340748
sysbench 0.4.12:  multi-threaded system evaluation benchmark

Running the test with following options:
Number of threads: 8

Extra file open flags: 0
128 files, 128Mb each
16Gb total file size
Block size 16Kb
Number of random requests for random IO: 10000
Read/Write ratio for combined random IO test: 1.50
Periodic FSYNC enabled, calling fsync() each 100 requests.
Calling fsync() at the end of test, Enabled.
Using synchronous I/O mode
```

```
Test execution summary:
    total time:                          2.4710s
    total number of events:              10485760
    total time taken by event execution: 9.8805
    per-request statistics:
         min:                                  0.00ms
         avg:                                  0.00ms
         max:                                  4.38ms
         approx.  95 percentile:               0.00ms

Threads fairness:
    events (avg/stddev):           1310720.0000/5769.80
    execution time (avg/stddev):   1.2351/0.00

Memory Test 6 End: 2018-05-17 02:05:32.506156
Memory Test 7 Start: 2018-05-17 02:05:33.507468
sysbench 0.4.12:  multi-threaded system evaluation benchmark

Running the test with following options:
Number of threads: 8

Doing memory operations speed test
Memory block size: 1K

Memory transfer size: 10240M

Memory operations type: write
Memory scope type: global
Threads started!
Done.

Operations performed: 10485760 (4214504.89 ops/sec)

10240.00 MB transferred (4115.73 MB/sec)


Test execution summary:
    total time:                          2.4880s
    total number of events:              10485760
    total time taken by event execution: 9.9060
    per-request statistics:
         min:                                  0.00ms
         avg:                                  0.00ms
         max:                                  0.60ms
         approx.  95 percentile:               0.00ms

Threads fairness:
    events (avg/stddev):           1310720.0000/3633.04
    execution time (avg/stddev):   1.2383/0.00

Memory Test 7 End: 2018-05-17 02:05:36.001902
```

```
Doing random r/w test
Threads started!
Done.

Operations performed:  6049 Read, 4028 Write, 12805 Other = 22882 Total
Read 94.516Mb  Written 62.938Mb  Total transferred 157.45Mb  (4.346Mb/sec)
  278.15 Requests/sec executed

Test execution summary:
    total time:                          36.2293s
    total number of events:              10077
    total time taken by event execution: 18.6402
    per-request statistics:
         min:                                  0.00ms
         avg:                                  1.85ms
         max:                                178.68ms
         approx.  95 percentile:               0.24ms

Threads fairness:
    events (avg/stddev):           1259.6250/148.54
    execution time (avg/stddev):   2.3300/0.31

File Test 7 End: 2018-05-17 02:14:37.577731
File Test 8 Start: 2018-05-17 02:14:38.579088
sysbench 0.4.12:  multi-threaded system evaluation benchmark

Running the test with following options:
Number of threads: 8

Extra file open flags: 0
128 files, 128Mb each
16Gb total file size
Block size 16Kb
Number of random requests for random IO: 10000
Read/Write ratio for combined random IO test: 1.50
Periodic FSYNC enabled, calling fsync() each 100 requests.
Calling fsync() at the end of test, Enabled.
Using synchronous I/O mode
Doing random r/w test
Threads started!
Done.

Operations performed:  6065 Read, 4042 Write, 12815 Other = 22922 Total
Read 94.766Mb  Written 63.156Mb  Total transferred 157.92Mb  (4.6091Mb/sec)
  294.98 Requests/sec executed

Test execution summary:
    total time:                          34.2629s
    total number of events:              10107
    total time taken by event execution: 4.9186
    per-request statistics:
         min:                                  0.00ms
         avg:                                  0.49ms
         max:                                 65.12ms
         approx.  95 percentile:               0.06ms

Threads fairness:
    events (avg/stddev):           1263.3750/100.37
    execution time (avg/stddev):   0.6148/0.11

File Test 8 End: 2018-05-17 02:15:12.849524
File Test 9 Start: 2018-05-17 02:15:13.850938
sysbench 0.4.12:  multi-threaded system evaluation benchmark

Running the test with following options:
Number of threads: 8

Extra file open flags: 0
128 files, 128Mb each
16Gb total file size
Block size 16Kb
Number of random requests for random IO: 10000
Read/Write ratio for combined random IO test: 1.50
Periodic FSYNC enabled, calling fsync() each 100 requests.
Calling fsync() at the end of test, Enabled.
Using synchronous I/O mode
Doing random r/w test
Threads started!
Done.

Operations performed:  6066 Read, 4039 Write, 12805 Other = 22910 Total
Read 94.781Mb  Written 63.109Mb  Total transferred 157.89Mb  (4.4562Mb/sec)
  285.20 Requests/sec executed

Test execution summary:
    total time:                          35.4314s
    total number of events:              10105
    total time taken by event execution: 13.3813
    per-request statistics:
```

```
         min:                                    0.00ms
         avg:                                    1.32ms
         max:                                  126.67ms
         approx.  95 percentile:                 0.08ms

Threads fairness:
    events (avg/stddev):           1263.1250/95.66
    execution time (avg/stddev):   1.6727/0.31

File Test 9 End: 2018-05-17 02:15:49.290197
```