

# Moosefs comparison

absolutely absurdly faster performance compared to lizardfs.

```

Testgroup "current"
=== 1 file series ===
1 file, 1 thread, seq 1M writes, simple: 101 write iops (55% HDD)1 file, 1 thread, rnd 16k
writes, simple: 393 write iops (55% HDD)1 file, 1 thread, rnd 16k writes, simple, take 2: 386
write iops (58% HDD)
1 file, 16 threads, rnd 4k writes, posixaio: 5422 write iops (1544% HDD)1 file, 16 threads,
rnd 8k writes, posixaio: 4401 write iops (1037% HDD)1 file, 16 threads, rnd 16k writes,
posixaio: 3239 write iops (724% HDD)1 file, 16 threads, rnd 16k writes, posixaio, take 2:
3238 write iops (642% HDD)
=== 16 file series ===16 files, 1 thread each, seq 1M writes, simple: 110 write iops (73%
HDD)
16 files, 1 thread each, rnd 16k writes, simple: 5096 write iops (779% HDD)16 files, 1 thread
each, rnd 16k writes, simple, take 2: 5127 write iops (817% HDD)16 files, 1 thread each, rnd
16k writes, posixaio: 5204 write iops (1116% HDD)16 files, 16 threads each, rnd 16k writes,
posixaio: 7020 write iops (1307% HDD)16 files, 16 threads each, rnd 16k writes, posixaio,
take 2: 7015 write iops (1400% HDD)
=== 0_SYNC series ===1 file, 1 thread, rnd 16k writes, simple, o_sync: 372 write iops
(240% HDD)
1 file, 16 threads, rnd 16k writes, posixaio, o_sync: 355 write iops (147% HDD)16 files, 1
thread each, rnd 16k writes, simple, o_sync: 5183 write iops (1026% HDD)16 files, 16 threads
each, rnd 16k writes, posixaio, o_sync: 5199 write iops (1021% HDD)
=== read series ===
1 file, 1 thread, seq 1M reads, simple: 1515 read iops (40% HDD)1 file, 16 threads, rnd 16k
reads, posixaio: 1292 read iops (755% HDD)16 files, 1 thread each, seq 1M reads, simple:
10113 read iops (250% HDD)16 files, 1 thread each, rnd 16k reads, posixaio: 393889 read iops
(83806% HDD)
16 files, 16 threads each, rnd 16k reads, posixaio: 872489 read iops (175905% HDD)=== native
aio series ===1 file, 16 threads, rnd 16k writes, native aio: 401 write iops (65%
HDD)
16 files, 16 threads each, rnd 16k writes, native aio: 5115 write iops (1020% HDD)1 file, 16
threads, rnd 16k reads, native aio: 1412 read iops (1077% HDD)16 files, 16 threads each, rnd
16k reads, native aio: 900873 read iops (182362% HDD)Tests complete on mwanafunzi @ 2020-10-
01 12:04:34.

Files remain. To clean up, add argument "cleanup".

```

Revision #2

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