---- AUFS ----

root@Swapnil:/filebench-1.4.9.1# ./filebench

Filebench Version 1.4.9.1

IMPORTANT: Virtual address space randomization is enabled on this machine!

It is highly recommended to disable randomization to provide stable Filebench runs.

Echo 0 to /proc/sys/kernel/randomize\_va\_space file to disable the randomization.

WARNING: Could not open /proc/sys/kernel/shmmax file!

It means that you probably ran Filebench not as a root. Filebench will not increase shared

region limits in this case, which can lead to the failures on certain workloads.

3231: 0.000: Allocated 170MB of shared memory

filebench> load fileserver

3231: 5.073: File-server Version 3.0 personality successfully loaded

3231: 5.073: Usage: set $dir=<dir>

3231: 5.073: set $meanfilesize=<size> defaults to 131072

3231: 5.073: set $nfiles=<value> defaults to 10000

3231: 5.073: set $nthreads=<value> defaults to 50

3231: 5.073: set $meanappendsize=<value> defaults to 16384

3231: 5.073: set $iosize=<size> defaults to 1048576

3231: 5.073: set $meandirwidth=<size> defaults to 20

3231: 5.073: run runtime (e.g. run 60)

filebench> set $dir=/fileserver

filebench> run 60

3231: 28.801: Creating/pre-allocating files and filesets

3231: 28.847: Fileset bigfileset: 10000 files, 0 leafdirs, avg dir width = 20, avg dir depth = 3.1, 1240.757MB

3231: 28.848: Removed any existing fileset bigfileset in 1 seconds

3231: 28.848: making tree for filset /fileserver/bigfileset

3231: 28.862: Creating fileset bigfileset...

3231: 33.466: Preallocated 7979 of 10000 of fileset bigfileset in 5 seconds

3231: 33.467: waiting for fileset pre-allocation to finish

3235: 33.467: Starting 1 filereader instances

3236: 33.467: Starting 50 filereaderthread threads

3231: 40.850: Running...

3231: 100.855: Run took 60 seconds...

3231: 100.857: Per-Operation Breakdown

statfile1 30647ops 511ops/s 0.0mb/s 0.3ms/op 1303us/op-cpu [0ms - 971ms]

deletefile1 30651ops 511ops/s 0.0mb/s 8.0ms/op 6240us/op-cpu [0ms - 1569ms]

closefile3 30654ops 511ops/s 0.0mb/s 0.0ms/op 1312us/op-cpu [0ms - 0ms]

readfile1 30658ops 511ops/s 66.6mb/s 4.6ms/op 6908us/op-cpu [0ms - 3835ms]

openfile2 30662ops 511ops/s 0.0mb/s 0.3ms/op 1432us/op-cpu [0ms - 833ms]

closefile2 30668ops 511ops/s 0.0mb/s 0.0ms/op 1263us/op-cpu [0ms - 4ms]

appendfilerand1 30675ops 511ops/s 4.0mb/s 5.5ms/op 4337us/op-cpu [0ms - 2263ms]

openfile1 30680ops 511ops/s 0.0mb/s 0.9ms/op 1457us/op-cpu [0ms - 1561ms]

closefile1 30686ops 511ops/s 0.0mb/s 0.0ms/op 1298us/op-cpu [0ms - 4ms]

wrtfile1 30693ops 512ops/s 63.2mb/s 53.9ms/op 20918us/op-cpu [0ms - 1155ms]

createfile1 30697ops 512ops/s 0.0mb/s 3.4ms/op 1534us/op-cpu [0ms - 1711ms]

3231: 100.857: IO Summary: 337371 ops, 5622.490 ops/s, (511/1023 r/w), 133.9mb/s, 269us cpu/op, 25.7ms latency

3231: 100.857: Shutting down processes

root@Swapnil:/filebench-1.4.9.1#

---- devicemapper ----

root@Swapnil:/filebench-1.4.9.1# ./filebench

Filebench Version 1.4.9.1

IMPORTANT: Virtual address space randomization is enabled on this machine!

It is highly recommended to disable randomization to provide stable Filebench runs.

Echo 0 to /proc/sys/kernel/randomize\_va\_space file to disable the randomization.

WARNING: Could not open /proc/sys/kernel/shmmax file!

It means that you probably ran Filebench not as a root. Filebench will not increase shared

region limits in this case, which can lead to the failures on certain workloads.

4904: 0.000: Allocated 170MB of shared memory

filebench> load fileserver

4904: 7.698: File-server Version 3.0 personality successfully loaded

4904: 7.699: Usage: set $dir=<dir>

4904: 7.699: set $meanfilesize=<size> defaults to 131072

4904: 7.699: set $nfiles=<value> defaults to 10000

4904: 7.699: set $nthreads=<value> defaults to 50

4904: 7.699: set $meanappendsize=<value> defaults to 16384

4904: 7.699: set $iosize=<size> defaults to 1048576

4904: 7.699: set $meandirwidth=<size> defaults to 20

4904: 7.699: run runtime (e.g. run 60)

filebench> set $dir=/fileserver

filebench> run 60

4904: 27.270: Creating/pre-allocating files and filesets

4904: 27.295: Fileset bigfileset: 10000 files, 0 leafdirs, avg dir width = 20, avg dir depth = 3.1, 1240.757MB

4904: 27.296: Removed any existing fileset bigfileset in 1 seconds

4904: 27.296: making tree for filset /fileserver/bigfileset

4904: 27.312: Creating fileset bigfileset...

4904: 43.355: Preallocated 7979 of 10000 of fileset bigfileset in 17 seconds

4904: 43.355: waiting for fileset pre-allocation to finish

4908: 43.355: Starting 1 filereader instances

4909: 43.356: Starting 50 filereaderthread threads

4904: 47.450: Running...

4904: 107.454: Run took 60 seconds...

4904: 109.989: Per-Operation Breakdown

statfile1 12627ops 202ops/s 0.0mb/s 0.0ms/op 2937us/op-cpu [0ms - 11ms]

deletefile1 12627ops 202ops/s 0.0mb/s 22.2ms/op 5594us/op-cpu [0ms - 15180ms]

closefile3 12649ops 202ops/s 0.0mb/s 0.0ms/op 2978us/op-cpu [0ms - 7ms]

readfile1 12649ops 202ops/s 25.8mb/s 80.6ms/op 7500us/op-cpu [0ms - 15535ms]

openfile2 12677ops 203ops/s 0.0mb/s 1.4ms/op 3250us/op-cpu [0ms - 15179ms]

closefile2 12677ops 203ops/s 0.0mb/s 0.0ms/op 2908us/op-cpu [0ms - 7ms]

appendfilerand1 12677ops 203ops/s 1.6mb/s 41.6ms/op 5093us/op-cpu [0ms - 15184ms]

openfile1 12677ops 203ops/s 0.0mb/s 1.4ms/op 3267us/op-cpu [0ms - 15179ms]

closefile1 12677ops 203ops/s 0.0mb/s 0.0ms/op 2989us/op-cpu [0ms - 11ms]

wrtfile1 12677ops 203ops/s 25.2mb/s 7.3ms/op 3336us/op-cpu [0ms - 15183ms]

createfile1 12677ops 203ops/s 0.0mb/s 3.2ms/op 3504us/op-cpu [0ms - 15185ms]

4904: 109.989: IO Summary: 139291 ops, 2227.354 ops/s, (202/405 r/w), 52.5mb/s, 524us cpu/op, 52.5ms latency

4904: 109.989: Shutting down processes

root@Swapnil:/filebench-1.4.9.1#

---- BTRFS ----

root@Swapnil:/filebench-1.4.9.1# ./filebench

Filebench Version 1.4.9.1

IMPORTANT: Virtual address space randomization is enabled on this machine!

It is highly recommended to disable randomization to provide stable Filebench runs.

Echo 0 to /proc/sys/kernel/randomize\_va\_space file to disable the randomization.

WARNING: Could not open /proc/sys/kernel/shmmax file!

It means that you probably ran Filebench not as a root. Filebench will not increase shared

region limits in this case, which can lead to the failures on certain workloads.

2806: 0.000: Allocated 170MB of shared memory

filebench> load fileserver

2806: 7.047: File-server Version 3.0 personality successfully loaded

2806: 7.047: Usage: set $dir=<dir>

2806: 7.047: set $meanfilesize=<size> defaults to 131072

2806: 7.047: set $nfiles=<value> defaults to 10000

2806: 7.047: set $nthreads=<value> defaults to 50

2806: 7.047: set $meanappendsize=<value> defaults to 16384

2806: 7.047: set $iosize=<size> defaults to 1048576

2806: 7.047: set $meandirwidth=<size> defaults to 20

2806: 7.047: run runtime (e.g. run 60)

filebench> set $dir=/fileserver

filebench> run 60

2806: 36.983: Creating/pre-allocating files and filesets

2806: 36.991: Fileset bigfileset: 10000 files, 0 leafdirs, avg dir width = 20, avg dir depth = 3.1, 1240.757MB

2806: 36.992: Removed any existing fileset bigfileset in 1 seconds

2806: 36.992: making tree for filset /fileserver/bigfileset

2806: 36.999: Creating fileset bigfileset...

2806: 42.513: Preallocated 7979 of 10000 of fileset bigfileset in 6 seconds

2806: 42.513: waiting for fileset pre-allocation to finish

2810: 42.513: Starting 1 filereader instances

2811: 42.514: Starting 50 filereaderthread threads

2806: 44.012: Running...

2806: 104.017: Run took 60 seconds...

2806: 104.019: Per-Operation Breakdown

statfile1 20556ops 343ops/s 0.0mb/s 0.0ms/op 2664us/op-cpu [0ms - 68ms]

deletefile1 20564ops 343ops/s 0.0mb/s 1.1ms/op 2961us/op-cpu [0ms - 6091ms]

closefile3 20569ops 343ops/s 0.0mb/s 2.9ms/op 2623us/op-cpu [0ms - 9729ms]

readfile1 20576ops 343ops/s 44.1mb/s 0.1ms/op 2908us/op-cpu [0ms - 923ms]

openfile2 20581ops 343ops/s 0.0mb/s 0.2ms/op 2724us/op-cpu [0ms - 942ms]

closefile2 20585ops 343ops/s 0.0mb/s 0.0ms/op 2578us/op-cpu [0ms - 58ms]

appendfilerand1 20588ops 343ops/s 2.7mb/s 72.1ms/op 14879us/op-cpu [0ms - 9728ms]

openfile1 20594ops 343ops/s 0.0mb/s 0.3ms/op 2798us/op-cpu [0ms - 942ms]

closefile1 20596ops 343ops/s 0.0mb/s 1.0ms/op 2584us/op-cpu [0ms - 9728ms]

wrtfile1 20599ops 343ops/s 42.8mb/s 0.6ms/op 2898us/op-cpu [0ms - 9728ms]

createfile1 20601ops 343ops/s 0.0mb/s 1.7ms/op 3071us/op-cpu [0ms - 9731ms]

2806: 104.019: IO Summary: 226409 ops, 3773.241 ops/s, (343/686 r/w), 89.6mb/s, 422us cpu/op, 26.6ms latency

2806: 104.019: Shutting down processes

root@Swapnil:/filebench-1.4.9.1#