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fsmark

Docker testing on Clear Linux OS 27600 via the Phoronix Test Suite.

Test Systems:

t1

t2-18.09-fs-mark-compare

Processor: 2 x Intel Xeon E5-2620 v3 @ 3.20GHz (12 Cores / 24 Threads), Motherboard: Supermicro X10DRI-T (1.1a BIOS), Memory: 258048MB, Disk: 480GB SAMSUNG MZ7LM480 + 4001GB Western Digital WD4000FYYZ-0, Graphics: astdrmfb

OS: Clear Linux OS 27600, Kernel: 4.15.0-45-generic (x86_64), Compiler: GCC 8.2.1 20180502 + Clang 7.0.1 + LLVM 7.0.1, File-System: overlayfs, Screen Resolution: 1024x768, System Layer: Docker

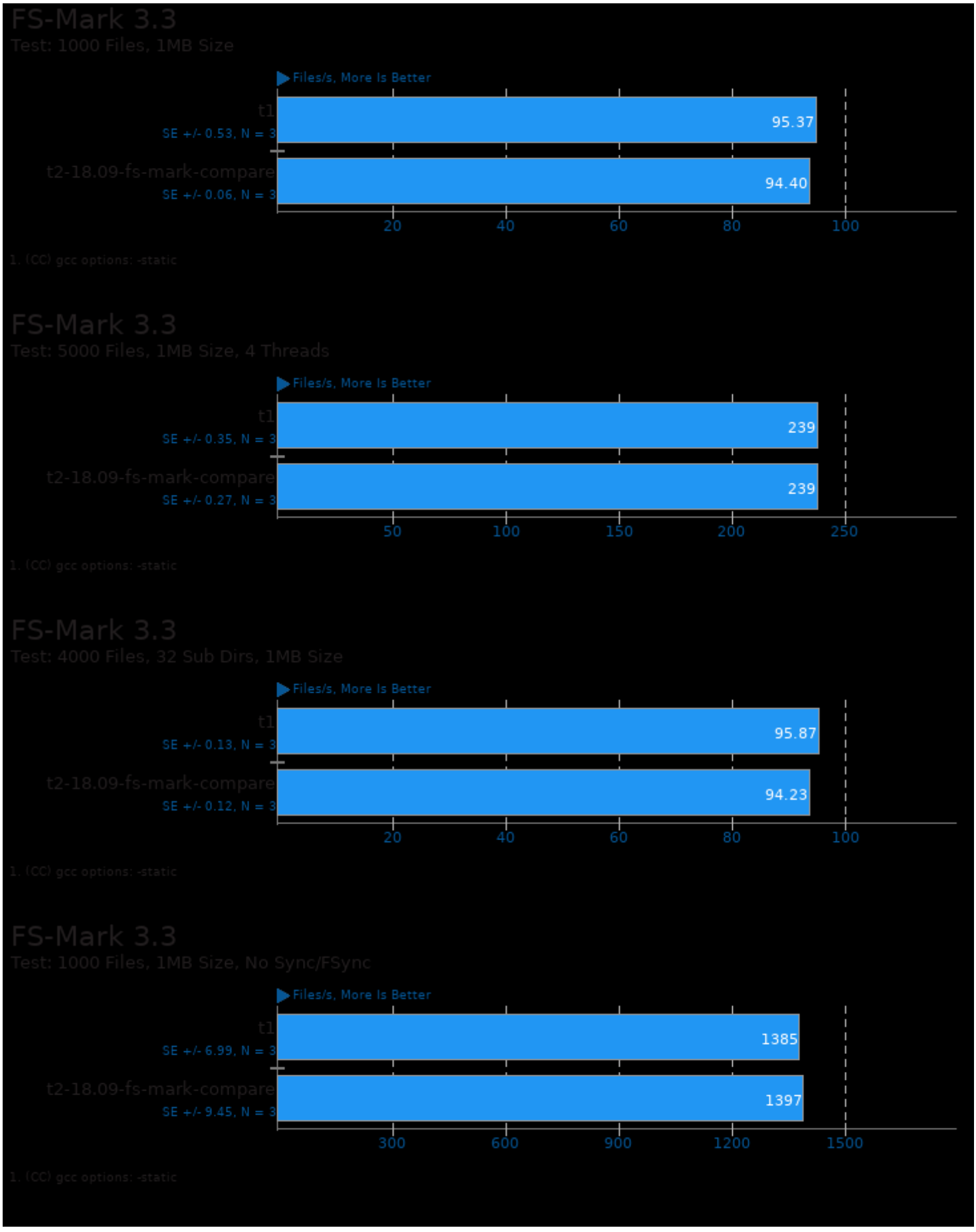
Compiler Notes: --build=x86_64-generic-linux --disable-libmpx --disable-libunwind-exceptions --disable-multiarch --disable-vtable-verify --enable-__cxa_atexit --enable-bootstrap --enable-clocale=gnu --enable-gnu-indirect-function --enable-languages=c,c++,fortran,go --enable-ld=default --enable-libstdcxx-pch --enable-lto --enable-multilib --enable-plugin --enable-shared --enable-threads=posix --exec-prefix=/usr --includedir=/usr/include --target=x86_64-generic-linux --with-arch=westmere

fsmark

--with-glibc-version=2.19 --with-gnu-ld --with-isl --with-ppl=yes --with-tune=haswell
Processor Notes: Scaling Governor: intel_pstate powersave
Disk Scheduler Notes: CFQ
Security Notes: KPTI + __user pointer sanitization + Full generic retpoline IBPB IBRS_FW + SSB disabled via prctl and seccomp + PTE Inversion; VMX: conditional cache flushes SMT vulnerable

	t1	t2-18.09-fs-mark-compare
FS-Mark - 1.F.1.S (Files/s)	**95.37**	**94.40**
Normalized	100%	98.98%
Standard Deviation	1%	0.1%
FS-Mark - 5.F.1.S.4.T (Files/s)	239	239
Standard Deviation	0.3%	0.2%
FS-Mark - 4.F.3.S.D.1.S (Files/s)	**95.87**	**94.23**
Normalized	100%	98.29%
Standard Deviation	0.2%	0.2%
FS-Mark - 1.F.1.S.N.S.F (Files/s)	**1385**	**1397**
Normalized	99.14%	100%
Standard Deviation	0.9%	1.2%

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FS-Mark 3.3
Test: 1000 Files, 1MB Size
Files/s, More Is Better
t1
SE +/- 0.53, N = 3
95.37
t2-18.09-fs-mark-compare
SE +/- 0.06, N = 3
94.40
20
40
60
80
100
1. (CC) gcc options: -static
FS-Mark 3.3
Test: 5000 Files, 1MB Size, 4 Threads
Files/s, More Is Better
t1
SE +/- 0.35, N = 3
239
t2-18.09-fs-mark-compare
SE +/- 0.27, N = 3
239
50
100
150
200
250
1. (CC) gcc options: -static
FS-Mark 3.3
Test: 4000 Files, 32 Sub Dirs, 1MB Size
Files/s, More Is Better
t1
SE +/- 0.13, N = 3
95.87
t2-18.09-fs-mark-compare
SE +/- 0.12, N = 3
94.23
20
40
60
80
100
1. (CC) gcc options: -static
FS-Mark 3.3
Test: 1000 Files, 1MB Size, No Sync/FSync
Files/s, More Is Better
t1
SE +/- 6.99, N = 3
1385
t2-18.09-fs-mark-compare
SE +/- 9.45, N = 3
1397
300
600
900
1200
1500
1. (CC) gcc options: -static

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This file was automatically generated via the Phoronix Test Suite benchmarking software on Friday, 29 March 2024 09:26.