

www.phoronix-test-suite.com

fio-oort

Running pts/fio-1.8.2 via the Phoronix Test Suite.

Automated Executive Summary

Ceph Normal had the most wins, coming in first place for 75% of the tests.

Test Systems:

Ceph Normal

Ceph Luks

Ceph Luks 2

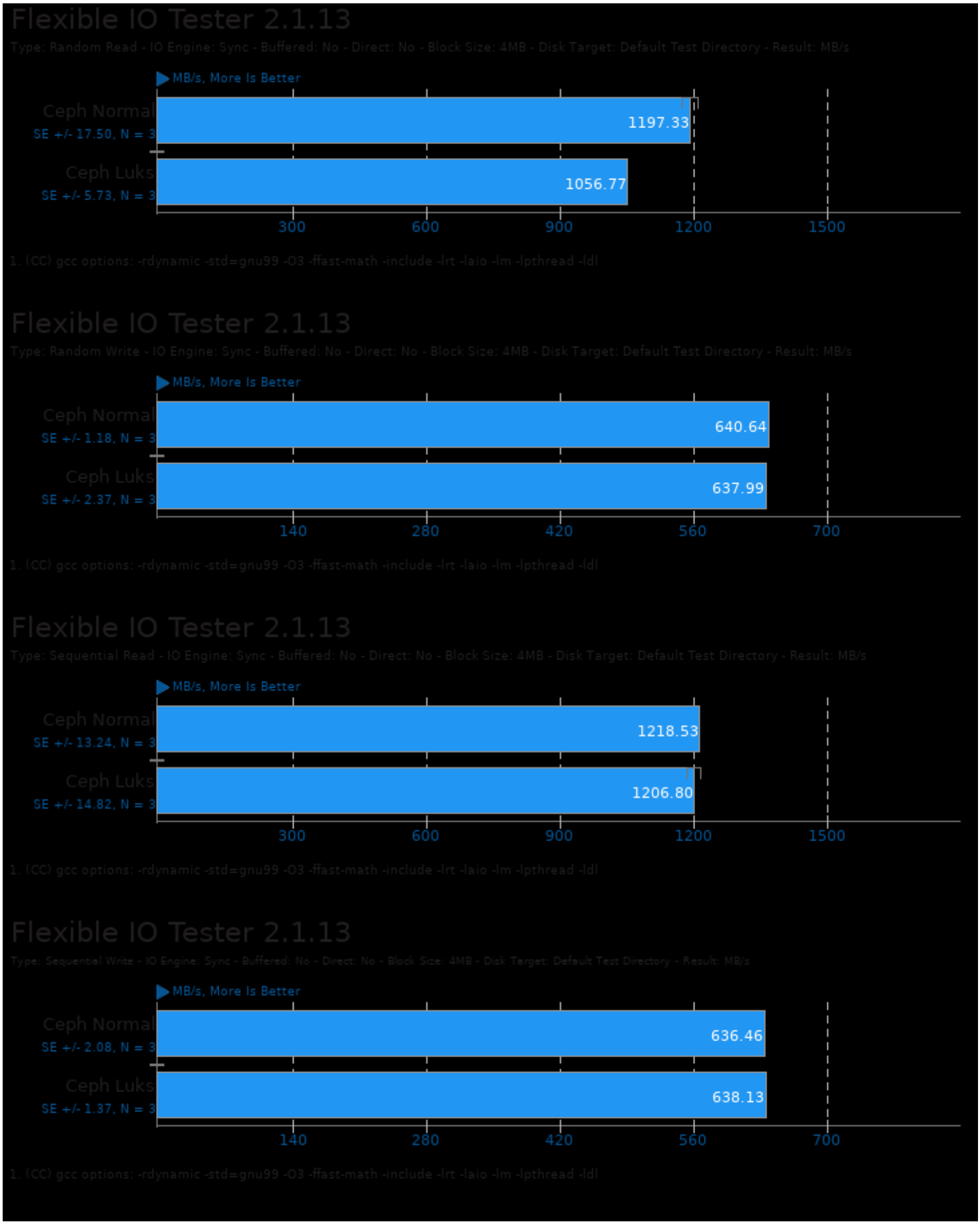
Processor: 2 x Intel Xeon E312xx (Sandy Bridge) @ 2.70GHz (2 Cores), Motherboard: QEMU Standard PC (i440FX + PIIX 1996), Chipset: Intel 440FX- 82441FX PMC, Memory: 1 x 2048 MB RAM QEMU, Disk: 9GB, Graphics: Cirrus Logic GD 5446, Network: Red Hat Virtio device

fio-oort

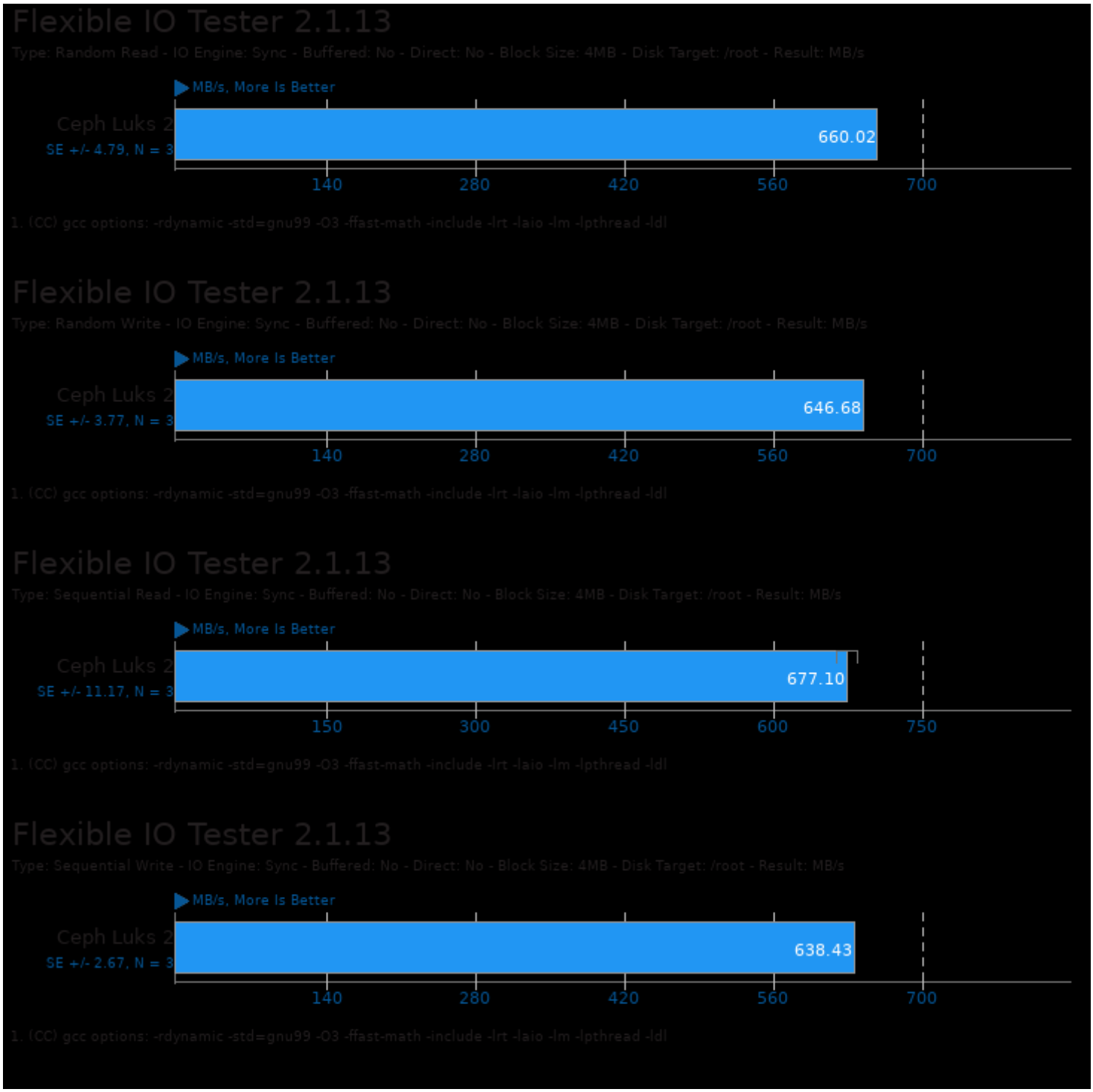
OS: Ubuntu 14.04, Kernel: 3.13.0-55-generic (x86_64), Compiler: GCC 4.8.4, File-System: ext4, Screen Resolution: 1024x768

Compiler Notes: --build=x86_64-linux-gnu --disable-browser-plugin --disable-libmudflap --disable-werror --enable-checking=release --enable-clocale=gnu --enable-gnu-unique-object --enable-gtk-cairo --enable-java-awt=gtk --enable-java-home --enable-languages=c,c++,java,go,d,fortran,objc,obj-c++ --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-nls --enable-objc-gc --enable-plugin --enable-shared --enable-threads=posix --host=x86_64-linux-gnu --target=x86_64-linux-gnu --with-abi=m64 --with-arch-32=i686 --with-arch-directory=amd64 --with-multilib-list=m32,m64,mx32 --with-tune=generic -v
Disk Mount Options Notes: data=ordered,errors=remount-ro,relatime,rw

	Ceph Normal	Ceph Luks	Ceph Luks 2
Flexible IO Tester - Rand Read - Sync - No - No - 4MB - MB/s (MB/s)	**1197**	**1057**	
Normalized	100%	88.26%	
Standard Deviation	2.5%	0.9%	
Flexible IO Tester - Rand Write - Sync - No - No - 4MB - MB/s (MB/s)	**640.64**	**637.99**	
Normalized	100%	99.59%	
Standard Deviation	0.3%	0.6%	
Flexible IO Tester - Seq Read - Sync - No - No - 4MB - MB/s (MB/s)	**1219**	**1207**	
Normalized	100%	99.04%	
Standard Deviation	1.9%	2.1%	
Flexible IO Tester - Seq Write - Sync - No - No - 4MB - MB/s (MB/s)	**636.46**	**638.13**	
Normalized	99.74%	100%	
Standard Deviation	0.6%	0.4%	
Flexible IO Tester - Rand Read - Sync - No - No - 4MB - /root - MB/s (MB/s)			660.02
Standard Deviation			1.3%
Flexible IO Tester - Rand Write - Sync - No - No - 4MB - /root - MB/s (MB/s)			646.68
Standard Deviation			1%
Flexible IO Tester - Seq Read - Sync - No - No - 4MB - /root - MB/s (MB/s)			677.10
Standard Deviation			2.9%
Flexible IO Tester - Seq Write - Sync - No - No - 4MB - /root - MB/s (MB/s)			638.43
Standard Deviation			0.7%


Flexible IO Tester 2.1.13
Type: Random Read - IO Engine: Sync - Buffered: No - Direct: No - Block Size: 4MB - Disk Target: Default Test Directory - Result: MB/s
MB/s, More Is Better
Ceph Normal
SE +/- 17.50, N = 3
1197.33
Ceph Luks
SE +/- 5.73, N = 3
1056.77
300
600
900
1200
1500
1. (CC) gcc options: -rdynamic -std=gnu99 -O3 -ffast-math -include -lrt -laio -lm -lpthread -ldl
Flexible IO Tester 2.1.13
Type: Random Write - IO Engine: Sync - Buffered: No - Direct: No - Block Size: 4MB - Disk Target: Default Test Directory - Result: MB/s
MB/s, More Is Better
Ceph Normal
SE +/- 1.18, N = 3
640.64
Ceph Luks
SE +/- 2.37, N = 3
637.99
140
280
420
560
700
1. (CC) gcc options: -rdynamic -std=gnu99 -O3 -ffast-math -include -lrt -laio -lm -lpthread -ldl
Flexible IO Tester 2.1.13
Type: Sequential Read - IO Engine: Sync - Buffered: No - Direct: No - Block Size: 4MB - Disk Target: Default Test Directory - Result: MB/s
MB/s, More Is Better
Ceph Normal
SE +/- 13.24, N = 3
1218.53
Ceph Luks
SE +/- 14.82, N = 3
1206.80
300
600
900
1200
1500
1. (CC) gcc options: -rdynamic -std=gnu99 -O3 -ffast-math -include -lrt -laio -lm -lpthread -ldl
Flexible IO Tester 2.1.13
Type: Sequential Write - IO Engine: Sync - Buffered: No - Direct: No - Block Size: 4MB - Disk Target: Default Test Directory - Result: MB/s
MB/s, More Is Better
Ceph Normal
SE +/- 2.08, N = 3
636.46
Ceph Luks
SE +/- 1.37, N = 3
638.13
140
280
420
560
700
1. (CC) gcc options: -rdynamic -std=gnu99 -O3 -ffast-math -include -lrt -laio -lm -lpthread -ldl

fio-oort



This file was automatically generated via the Phoronix Test Suite benchmarking software on Friday, 29 March 2024 10:32.