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proxmoxCentos8_20200611

SolusIO 1.1.16400 virtual server with File-Based RAW disk on AMD EPYC 7502P with 128GB RAM and NVMe drive running 50 virtual servers concurrently

Test Systems:

proxmoxCentos8_20200611

Processor: 2 x Common KVM (4 Cores), Motherboard: QEMU Standard PC (i440FX + PIIX 1996) (rel-1.13.0-0-gf21b5a4aeb02-prebuilt.qemu.org BIOS), Chipset: Intel 440FX 82441FX PMC, Memory: 1 x 4096 MB RAM QEMU, Disk: 34GB QEMU HDD, Graphics: DRM emulated, Monitor: QEMU Monitor, Network: Red Hat Virtio device

OS: CentOS Linux 8, Kernel: 4.18.0-147.el8.x86_64 (x86_64), Compiler: GCC 8.3.1 20190507, File-System: xfs, Screen Resolution: 1024x768, System Layer: KVM

Compiler Notes: --build=x86_64-redhat-linux --disable-libmpx --disable-libunwind-exceptions --enable-__cxa_atexit --enable-bootstrap --enable-cet --enable-checking=release --enable-gnu-indirect-function --enable-gnu-unique-object --enable-initfini-array --enable-languages=c,c++,fortran,lto --enable-multilib --enable-offload-targets=nvptx-none --enable-plugin --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-arch_32=x86-64 --with-gcc-major-version-only --with-isl --with-linker-hash-style=gnu --with-tune=generic --without-cuda-driver
Disk Notes: MQ-DEADLINE / attr2,inode64,noquota,relatime,rw,seclabel

Processor Notes: CPU Microcode: 0x1
Security Notes: SELinux + l1tf: Mitigation of PTE Inversion + mds: Vulnerable: Clear buffers attempted no microcode; SMT Host state unknown + meltdown: Mitigation of PTI + spec_store_bypass: Vulnerable + spectre_v1: Mitigation of usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Full generic retpoline STIBP: disabled RSB filling

solus-io-raw-50-concurrent-vms

Processor: 4 x AMD EPYC 7502P 32-Core (4 Cores), Motherboard: QEMU Standard PC (i440FX + PIIX 1996) (1.12.0-1 BIOS), Chipset: Intel 440FX 82441FX PMC, Memory: 1 x 4096 MB RAM QEMU, Disk: 54GB QEMU HDD, Network: Red Hat Virtio device

OS: Ubuntu 20.04, Kernel: 5.4.0-62-generic (x86_64), Compiler: GCC 9.3.0, File-System: ext4, System Layer: KVM

Compiler Notes: --build=x86_64-linux-gnu --disable-vtable-verify --disable-werror --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-gnu-unique-object --enable-languages=c,ada,c++,go,brig,d,fortran,objc,obj-c++,gm2 --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc=auto --enable-offload-targets=nvptx-none=/build/gcc-9-HskZEa/gcc-9-9.3.0/debian/tmp-nvptx/usr,hsa --enable-plugin --enable-shared --enable-threads=posix --host=x86_64-linux-gnu --program-prefix=x86_64-linux-gnu- --target=x86_64-linux-gnu --with-abi=m64 --with-arch-32=i686 --with-default-libstdcxx-abi=new --with-gcc-major-version-only --with-multilib-list=m32,m64,mx32 --with-target-system-zlib=auto --with-tune=generic --without-cuda-driver -v
Disk Notes: MQ-DEADLINE / relatime,rw / Block Size: 4096
Processor Notes: CPU Microcode: 0x1000065
Security Notes: itlb_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: Not affected + spec_store_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre_v1: Mitigation of usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Full AMD retpoline IBPB: conditional IBRS_FW STIBP: disabled RSB filling + srbds: Not affected + tsx_async_abort: Not affected

	proxmoxCentos8_20200611	solus-io-raw-50-concurrent-vms
Flexible IO Tester - Rand Read - Sync - No - No - 2MB (MB/s)	**81.0**	**1093**
Normalized	7.41%	100%
Standard Deviation	0.3%	3.1%
Flexible IO Tester - Rand Read - Sync - No - No - 2MB (IOPS)	**40**	**546**
Normalized	7.33%	100%
Standard Deviation		3.1%
Flexible IO Tester - Rand Read - Sync - No - Yes - 2MB (MB/s)	**80.9**	**1146**
Normalized	7.06%	100%
Standard Deviation	0.2%	2.9%
Flexible IO Tester - Rand Read - Sync - No - Yes - 2MB (IOPS)	**40**	**573**
Normalized	6.98%	100%
Standard Deviation		3%
Flexible IO Tester - Rand Read - Sync - Yes - No - 2MB (MB/s)	**79.1**	**593**
Normalized	13.34%	100%
Standard Deviation	0.2%	0.4%
Flexible IO Tester - Rand Read - Sync - Yes - No - 2MB (IOPS)	**39**	**296**
Normalized	13.18%	100%
Standard Deviation		0.3%

Flexible IO Tester - Rand Write - Sync - No - No - 2MB (MB/s)	**80.4**	**861**
Normalized	9.34%	100%
Standard Deviation	0.1%	0.4%
Flexible IO Tester - Rand Write - Sync - No - No - 2MB (IOPS)	**40**	**430**
Normalized	9.3%	100%
Standard Deviation		0.5%
Flexible IO Tester - Rand Read - Sync - Yes - Yes - 2MB (MB/s)	**79.0**	**601**
Normalized	13.14%	100%
Standard Deviation	1.1%	0.4%
Flexible IO Tester - Rand Read - Sync - Yes - Yes - 2MB (IOPS)	**39**	**300**
Normalized	13%	100%
Standard Deviation		0.3%
Flexible IO Tester - Rand Write - Sync - No - Yes - 2MB (MB/s)	**80.6**	**861**
Normalized	9.36%	100%
Standard Deviation	0.3%	0.5%
Flexible IO Tester - Rand Write - Sync - No - Yes - 2MB (IOPS)	**40**	**430**
Normalized	9.3%	100%
Standard Deviation		0.5%
Flexible IO Tester - Rand Write - Sync - Yes - No - 2MB (MB/s)	**96.0**	**793**
Normalized	12.11%	100%
Standard Deviation	0.5%	1.4%
Flexible IO Tester - Rand Write - Sync - Yes - No - 2MB (IOPS)	**48**	**396**
Normalized	12.12%	100%
Standard Deviation		1.5%
Flexible IO Tester - Rand Write - Sync - Yes - Yes - 2MB (MB/s)	**95.3**	**740**
Normalized	12.88%	100%
Standard Deviation	0.4%	4.9%
Flexible IO Tester - Rand Write - Sync - Yes - Yes - 2MB (IOPS)	**47**	**370**
Normalized	12.7%	100%
Standard Deviation		4.9%
Flexible IO Tester - Seq Read - Sync - No - No - 2MB (MB/s)	**97.2**	**1155**
Normalized	8.42%	100%
Standard Deviation	0.2%	6%
Flexible IO Tester - Seq Read - Sync - No - No - 2MB (IOPS)	**48**	**577**
Normalized	8.32%	100%
Standard Deviation		6%
Flexible IO Tester - Rand Read - Linux AIO - No - No - 2MB (MB/s)	**93.9**	**1908**
Normalized	4.92%	100%
Standard Deviation	0.2%	

Flexible IO Tester - Rand Read - Linux AIO - No - No - 2MB (IOPS)	**44**	**950**
Normalized	4.63%	100%
Flexible IO Tester - Rand Read - POSIX AIO - No - No - 2MB (MB/s)	**86.4**	**1132**
Normalized	7.63%	100%
Standard Deviation	0.2%	
Flexible IO Tester - Rand Read - POSIX AIO - No - No - 2MB (IOPS)	**40**	**562**
Normalized	7.12%	100%
Flexible IO Tester - Seq Read - Sync - No - Yes - 2MB (MB/s)	**97.4**	**1160**
Normalized	8.4%	100%
Standard Deviation	0.3%	5.6%
Flexible IO Tester - Seq Read - Sync - No - Yes - 2MB (IOPS)	**48**	**580**
Normalized	8.28%	100%
Standard Deviation		5.6%
Flexible IO Tester - Seq Read - Sync - Yes - No - 2MB (MB/s)	**98.6**	**914**
Normalized	10.79%	100%
Standard Deviation	0.1%	2.4%
Flexible IO Tester - Seq Read - Sync - Yes - No - 2MB (IOPS)	**49**	**456**
Normalized	10.75%	100%
Standard Deviation		2.3%
Flexible IO Tester - Seq Write - Sync - No - No - 2MB (MB/s)	**76.8**	**865**
Normalized	8.88%	100%
Standard Deviation	0.2%	0.4%
Flexible IO Tester - Seq Write - Sync - No - No - 2MB (IOPS)	**38**	**432**
Normalized	8.8%	100%
Standard Deviation		0.4%
Flexible IO Tester - Rand Read - Linux AIO - No - Yes - 2MB (MB/s)	**93.2**	**1999**
Normalized	4.66%	100%
Standard Deviation	1.5%	0.8%
Flexible IO Tester - Rand Read - Linux AIO - No - Yes - 2MB (IOPS)	**43**	**996**
Normalized	4.32%	100%
Standard Deviation	2.3%	0.7%
Flexible IO Tester - Rand Read - Linux AIO - Yes - No - 2MB (MB/s)	**85.0**	**588**
Normalized	14.46%	100%
Standard Deviation	0.2%	0.7%
Flexible IO Tester - Rand Read - Linux AIO - Yes - No - 2MB (IOPS)	**39**	**290**
Normalized	13.45%	100%
Standard Deviation		0.7%

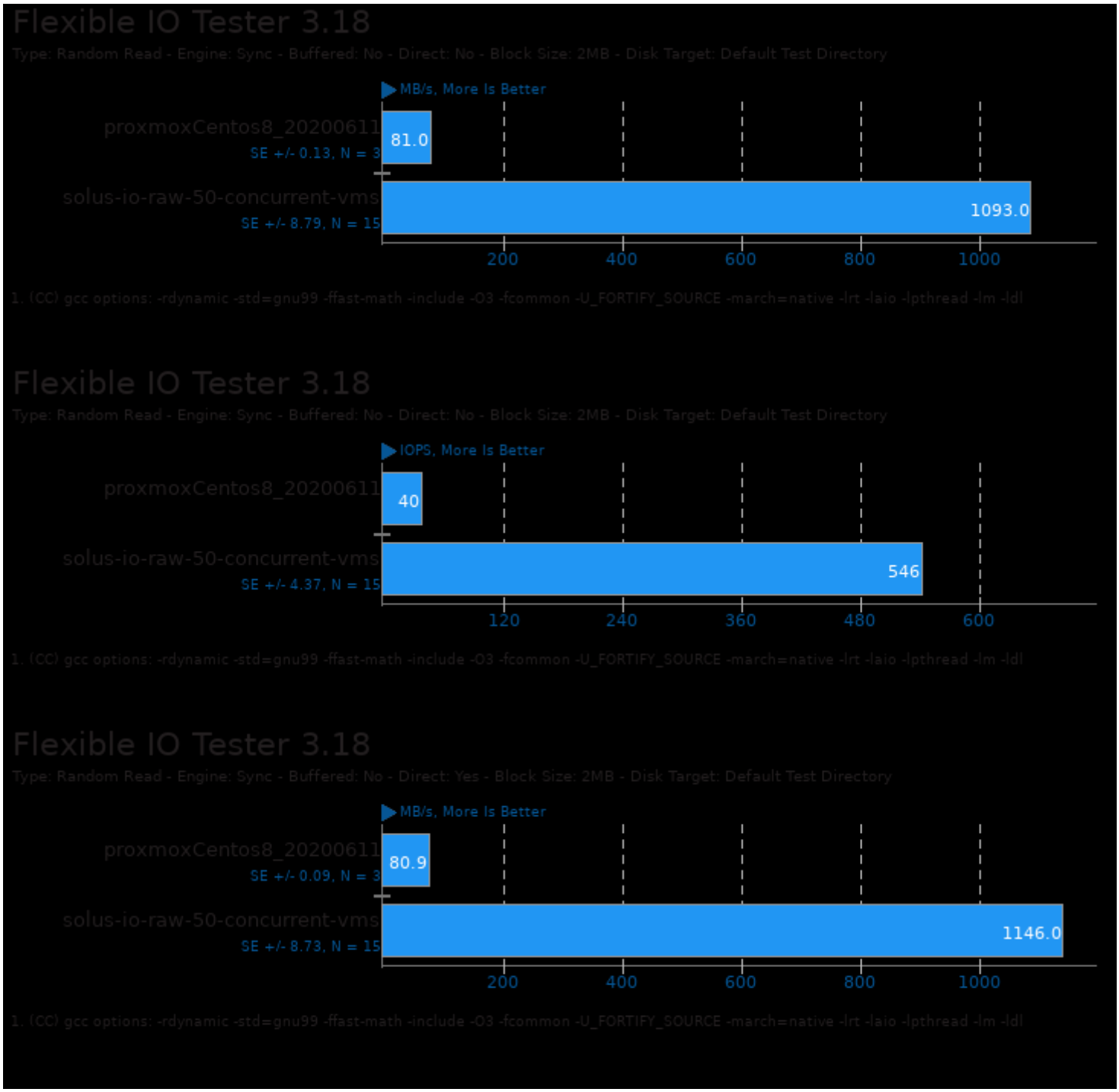
Flexible IO Tester - Rand Read - POSIX AIO - No - Yes - 2MB (MB/s)	**86.7**	**1119**
Normalized	7.75%	100%
Standard Deviation	0.1%	0.6%
Flexible IO Tester - Rand Read - POSIX AIO - No - Yes - 2MB (IOPS)	**40**	**556**
Normalized	7.19%	100%
Standard Deviation		0.5%
Flexible IO Tester - Rand Read - POSIX AIO - Yes - No - 2MB (MB/s)	**85.4**	**589**
Normalized	14.5%	100%
Standard Deviation	0.1%	0.7%
Flexible IO Tester - Rand Read - POSIX AIO - Yes - No - 2MB (IOPS)	**39**	**291**
Normalized	13.4%	100%
Flexible IO Tester - Rand Write - Linux AIO - No - No - 2MB (MB/s)	**90.3**	**861**
Normalized	10.49%	100%
Standard Deviation	1%	0.5%
Flexible IO Tester - Rand Write - Linux AIO - No - No - 2MB (IOPS)	**42**	**428**
Normalized	9.81%	100%
Standard Deviation		0.5%
Flexible IO Tester - Rand Write - POSIX AIO - No - No - 2MB (MB/s)	**86.1**	**869**
Normalized	9.91%	100%
Standard Deviation	0.2%	
Flexible IO Tester - Rand Write - POSIX AIO - No - No - 2MB (IOPS)	**40**	**431**
Normalized	9.28%	100%
Flexible IO Tester - Seq Read - Sync - Yes - Yes - 2MB (MB/s)	**98.0**	**900**
Normalized	10.89%	100%
Standard Deviation	0.5%	0.9%
Flexible IO Tester - Seq Read - Sync - Yes - Yes - 2MB (IOPS)	**48**	**449**
Normalized	10.69%	100%
Standard Deviation		1.1%
Flexible IO Tester - Seq Write - Sync - No - Yes - 2MB (MB/s)	**76.8**	**859**
Normalized	8.94%	100%
Standard Deviation	0.1%	1%
Flexible IO Tester - Seq Write - Sync - No - Yes - 2MB (IOPS)	**38**	**429**
Normalized	8.86%	100%
Standard Deviation		1%
Flexible IO Tester - Seq Write - Sync - Yes - No - 2MB (MB/s)	**95.2**	**788**
Normalized	12.08%	100%
Standard Deviation	1.3%	0.4%

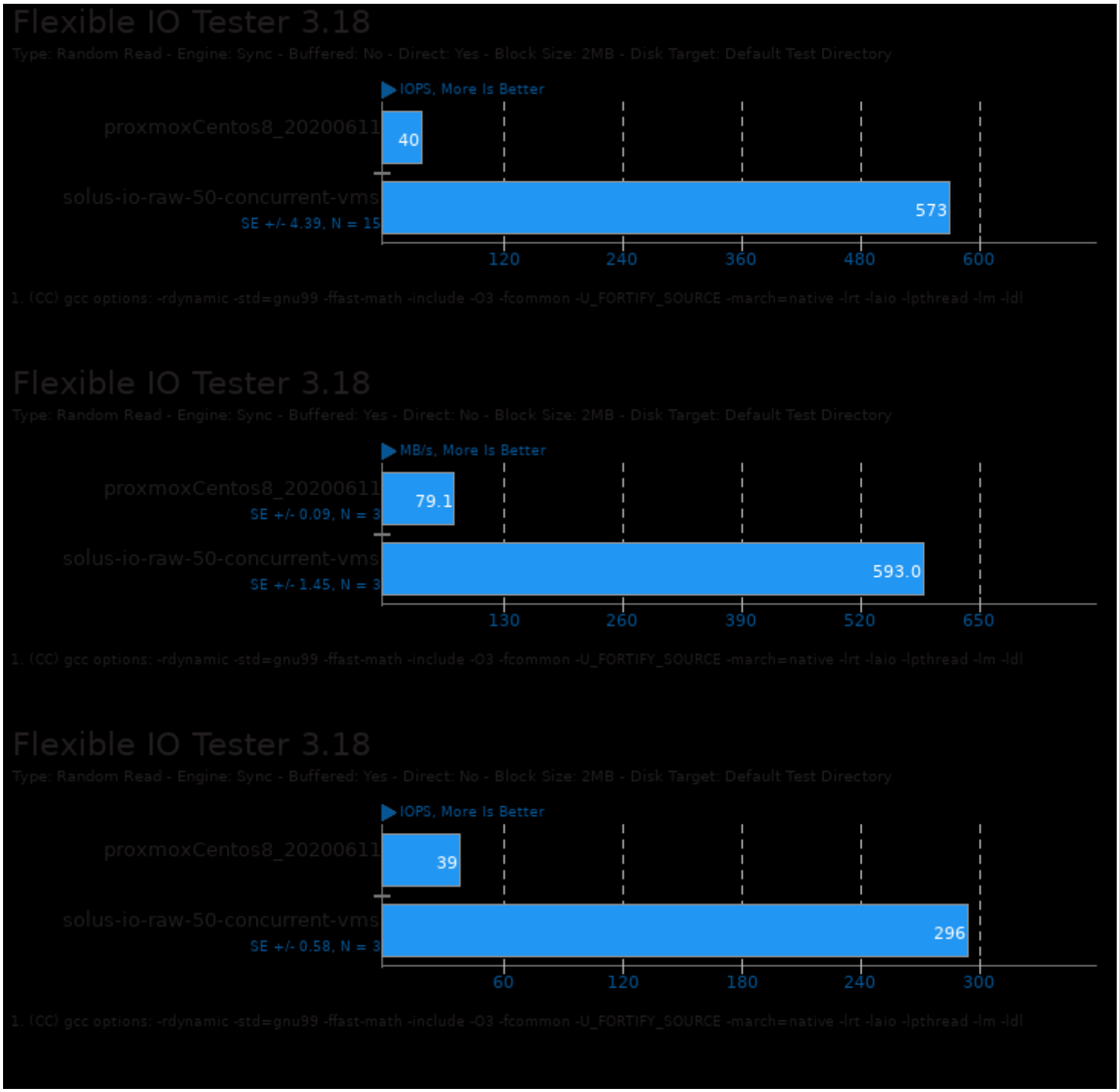
Flexible IO Tester - Seq Write - Sync - Yes - No - 2MB (IOPS)	**47**	**393**
Normalized	11.96%	100%
Standard Deviation		0.4%
Flexible IO Tester - Rand Read - Linux AIO - Yes - Yes - 2MB (MB/s)	**84.7**	**581**
Normalized	14.58%	100%
Standard Deviation	0.8%	1.8%
Flexible IO Tester - Rand Read - Linux AIO - Yes - Yes - 2MB (IOPS)	**39**	**287**
Normalized	13.59%	100%
Standard Deviation		1.9%
Flexible IO Tester - Rand Read - POSIX AIO - Yes - Yes - 2MB (MB/s)	**79.5**	**581**
Normalized	13.68%	100%
Standard Deviation	0.3%	0.3%
Flexible IO Tester - Rand Read - POSIX AIO - Yes - Yes - 2MB (IOPS)	**36**	**287**
Normalized	12.54%	100%
Flexible IO Tester - Rand Write - Linux AIO - No - Yes - 2MB (MB/s)	**91.0**	**865**
Normalized	10.52%	100%
Standard Deviation	0.4%	0.1%
Flexible IO Tester - Rand Write - Linux AIO - No - Yes - 2MB (IOPS)	**42**	**429**
Normalized	9.79%	100%
Flexible IO Tester - Rand Write - Linux AIO - Yes - No - 2MB (MB/s)	**102**	**807**
Normalized	12.64%	100%
Standard Deviation	0.6%	1.1%
Flexible IO Tester - Rand Write - Linux AIO - Yes - No - 2MB (IOPS)	**48**	**400**
Normalized	12%	100%
Standard Deviation		1%
Flexible IO Tester - Rand Write - POSIX AIO - No - Yes - 2MB (MB/s)	**85.9**	**866**
Normalized	9.92%	100%
Standard Deviation	0.3%	0.5%
Flexible IO Tester - Rand Write - POSIX AIO - No - Yes - 2MB (IOPS)	**39**	**429**
Normalized	9.09%	100%
Standard Deviation	1.5%	0.5%
Flexible IO Tester - Rand Write - POSIX AIO - Yes - No - 2MB (MB/s)	**101**	**743**
Normalized	13.59%	100%
Standard Deviation		4.1%
Flexible IO Tester - Rand Write - POSIX AIO - Yes - No - 2MB (IOPS)	**47**	**368**
Normalized	12.77%	100%
Standard Deviation		4.1%

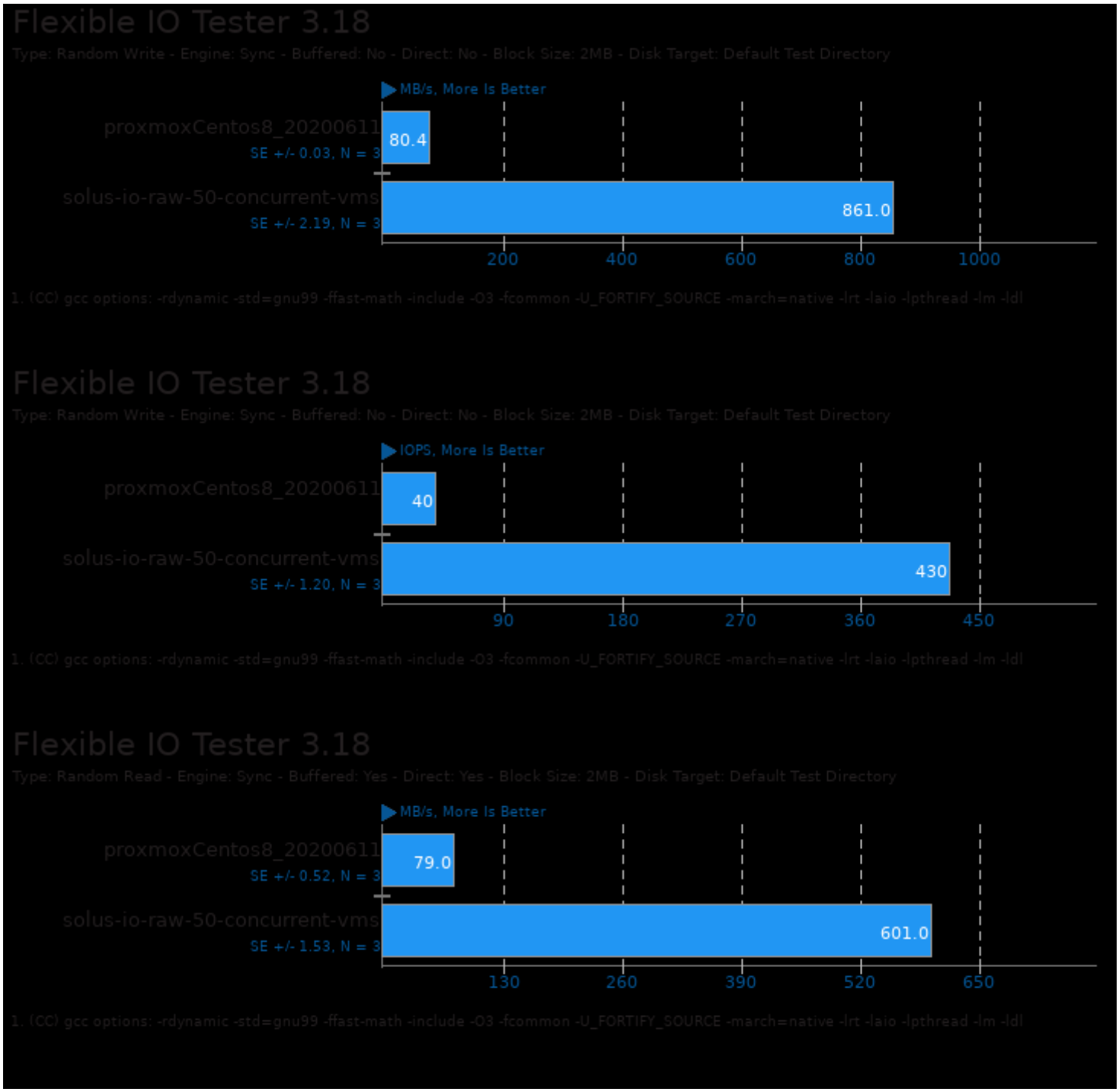
Flexible IO Tester - Seq Write - Sync - Yes - Yes - 2MB (MB/s)	**97.4**	**722**
Normalized	13.49%	100%
Standard Deviation	0.6%	3.2%
Flexible IO Tester - Seq Write - Sync - Yes - Yes - 2MB (IOPS)	**48**	**361**
Normalized	13.3%	100%
Standard Deviation	1.2%	3.2%
Flexible IO Tester - Rand Write - Linux AIO - Yes - Yes - 2MB (MB/s)	**103**	**737**
Normalized	13.98%	100%
Standard Deviation	0.6%	4.4%
Flexible IO Tester - Rand Write - Linux AIO - Yes - Yes - 2MB (IOPS)	**48**	**365**
Normalized	13.15%	100%
Standard Deviation	1.2%	4.5%
Flexible IO Tester - Rand Write - POSIX AIO - Yes - Yes - 2MB (MB/s)	**101**	**739**
Normalized	13.67%	100%
Standard Deviation		4.7%
Flexible IO Tester - Rand Write - POSIX AIO - Yes - Yes - 2MB (IOPS)	**47**	**365**
Normalized	12.88%	100%
Standard Deviation		4.8%
Flexible IO Tester - Seq Read - Linux AIO - No - No - 2MB (MB/s)	**100.9**	**1967**
Normalized	5.13%	100%
Standard Deviation	1.1%	0.5%
Flexible IO Tester - Seq Read - Linux AIO - No - No - 2MB (IOPS)	**47**	**979**
Normalized	4.8%	100%
Standard Deviation	1.2%	
Flexible IO Tester - Seq Read - POSIX AIO - No - No - 2MB (MB/s)	**97.3**	**1156**
Normalized	8.42%	100%
Standard Deviation	0.3%	1.1%
Flexible IO Tester - Seq Read - POSIX AIO - No - No - 2MB (IOPS)	**45**	**574**
Normalized	7.84%	100%
Standard Deviation		1.1%
Flexible IO Tester - Seq Read - Linux AIO - No - Yes - 2MB (MB/s)	**102**	**1963**
Normalized	5.2%	100%
Standard Deviation		0.4%
Flexible IO Tester - Seq Read - Linux AIO - No - Yes - 2MB (IOPS)	**48**	**978**
Normalized	4.91%	100%
Standard Deviation	1.2%	0.4%
Flexible IO Tester - Seq Read - Linux AIO - Yes - No - 2MB (MB/s)	**105**	**936**
Normalized	11.22%	100%
Standard Deviation		1.5%

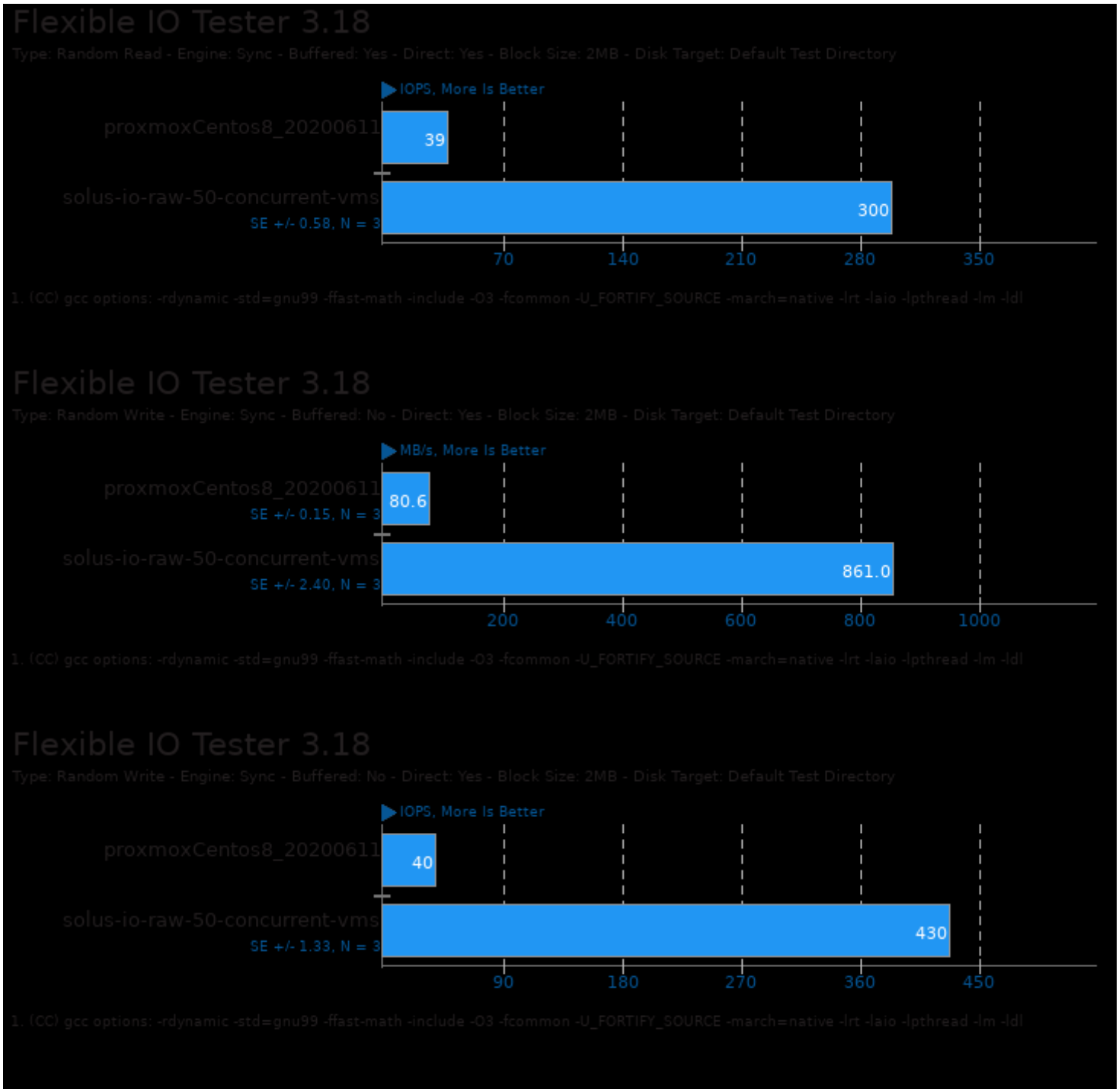
Flexible IO Tester - Seq Read - Linux AIO - Yes - No - 2MB (IOPS)	**49**	**465**
Normalized	10.54%	100%
Standard Deviation		1.5%
Flexible IO Tester - Seq Read - POSIX AIO - No - Yes - 2MB (MB/s)	**96.9**	**1153**
Normalized	8.4%	100%
Standard Deviation	0.5%	1%
Flexible IO Tester - Seq Read - POSIX AIO - No - Yes - 2MB (IOPS)	**45**	**573**
Normalized	7.85%	100%
Standard Deviation		1%
Flexible IO Tester - Seq Read - POSIX AIO - Yes - No - 2MB (MB/s)	**99.3**	**943**
Normalized	10.53%	100%
Standard Deviation	0.1%	0.7%
Flexible IO Tester - Seq Read - POSIX AIO - Yes - No - 2MB (IOPS)	**46**	**468**
Normalized	9.83%	100%
Standard Deviation		0.8%
Flexible IO Tester - Seq Write - Linux AIO - No - No - 2MB (MB/s)	**103**	**865**
Normalized	11.91%	100%
Standard Deviation		0.2%
Flexible IO Tester - Seq Write - Linux AIO - No - No - 2MB (IOPS)	**48**	**429**
Normalized	11.19%	100%
Standard Deviation		0.2%
Flexible IO Tester - Seq Write - POSIX AIO - No - No - 2MB (MB/s)	**82.3**	**863**
Normalized	9.54%	100%
Standard Deviation	0.1%	0.3%
Flexible IO Tester - Seq Write - POSIX AIO - No - No - 2MB (IOPS)	**38**	**428**
Normalized	8.88%	100%
Flexible IO Tester - Seq Read - Linux AIO - Yes - Yes - 2MB (MB/s)	**105**	**990**
Normalized	10.61%	100%
Standard Deviation		2.4%
Flexible IO Tester - Seq Read - Linux AIO - Yes - Yes - 2MB (IOPS)	**49**	**491**
Normalized	9.98%	100%
Standard Deviation		2.4%
Flexible IO Tester - Seq Read - POSIX AIO - Yes - Yes - 2MB (MB/s)	**100.2**	**987**
Normalized	10.15%	100%
Standard Deviation	2.6%	2.2%
Flexible IO Tester - Seq Read - POSIX AIO - Yes - Yes - 2MB (IOPS)	**47**	**490**
Normalized	9.59%	100%
Standard Deviation	2.2%	2.3%

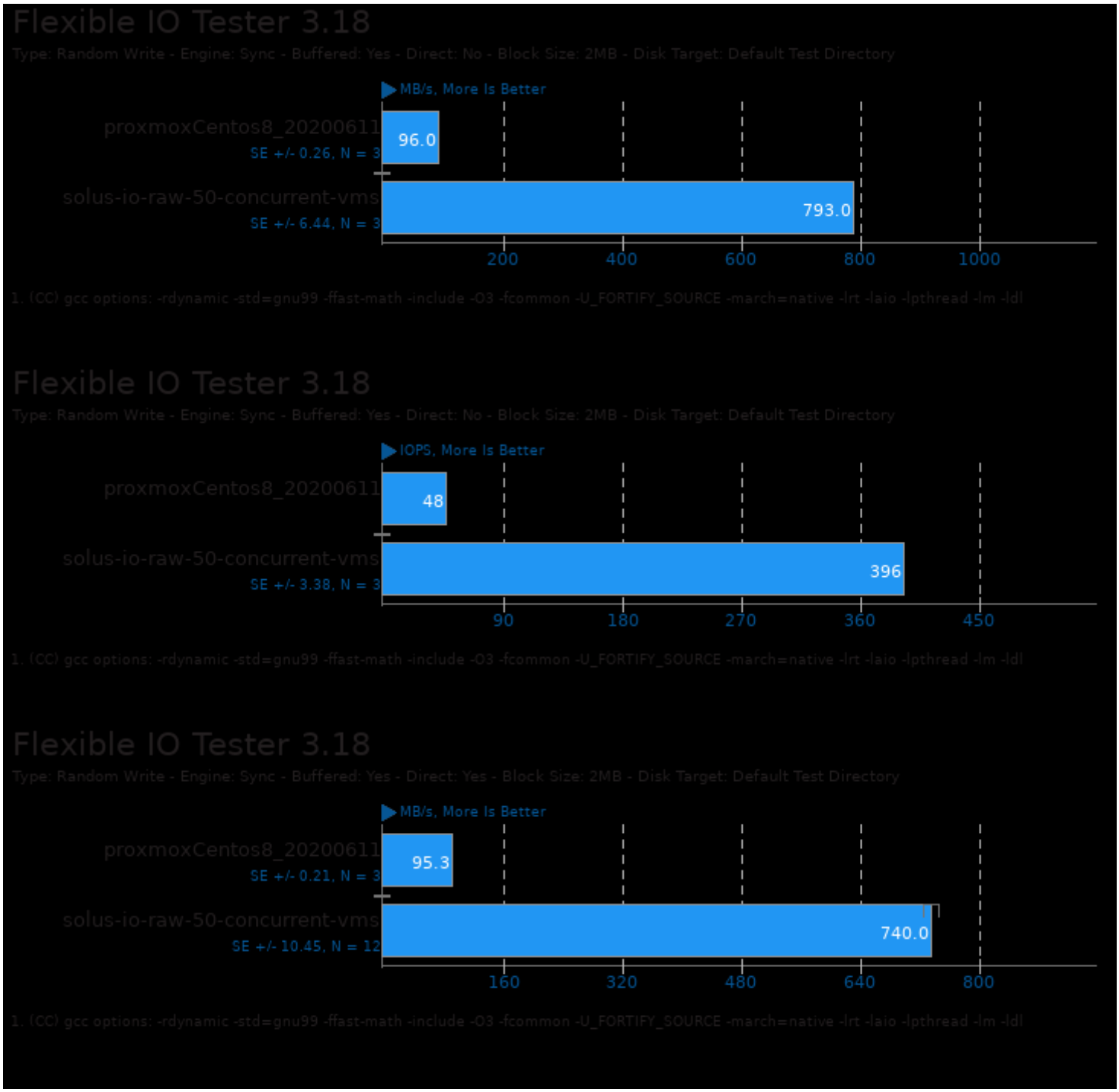
Flexible IO Tester - Seq Write - Linux AIO - No - Yes - 2MB (MB/s)	**103**	**864**
Normalized	11.92%	100%
Standard Deviation	0.6%	0.2%
Flexible IO Tester - Seq Write - Linux AIO - No - Yes - 2MB (IOPS)	**48**	**429**
Normalized	11.19%	100%
Standard Deviation		0.1%
Flexible IO Tester - Seq Write - Linux AIO - Yes - No - 2MB (MB/s)	**104**	**786**
Normalized	13.23%	100%
Standard Deviation	1.1%	2%
Flexible IO Tester - Seq Write - Linux AIO - Yes - No - 2MB (IOPS)	**49**	**390**
Normalized	12.56%	100%
Standard Deviation		2.2%
Flexible IO Tester - Seq Write - POSIX AIO - No - Yes - 2MB (MB/s)	**82.5**	**868**
Normalized	9.5%	100%
Standard Deviation	0.1%	
Flexible IO Tester - Seq Write - POSIX AIO - No - Yes - 2MB (IOPS)	**38**	**430**
Normalized	8.84%	100%
Flexible IO Tester - Seq Write - POSIX AIO - Yes - No - 2MB (MB/s)	**94.5**	**727**
Normalized	13%	100%
Standard Deviation	9.5%	4.1%
Flexible IO Tester - Seq Write - POSIX AIO - Yes - No - 2MB (IOPS)	**44**	**360**
Normalized	12.22%	100%
Standard Deviation	9.8%	4.2%
Flexible IO Tester - Seq Write - Linux AIO - Yes - Yes - 2MB (MB/s)	**102**	**726**
Normalized	14.05%	100%
Standard Deviation		3.6%
Flexible IO Tester - Seq Write - Linux AIO - Yes - Yes - 2MB (IOPS)	**48**	**360**
Normalized	13.33%	100%
Standard Deviation		3.7%
Flexible IO Tester - Seq Write - POSIX AIO - Yes - Yes - 2MB (MB/s)	**97.2**	**722**
Normalized	13.46%	100%
Standard Deviation	7.2%	3.5%
Flexible IO Tester - Seq Write - POSIX AIO - Yes - Yes - 2MB (IOPS)	**45**	**357**
Normalized	12.61%	100%
Standard Deviation	7.3%	3.6%

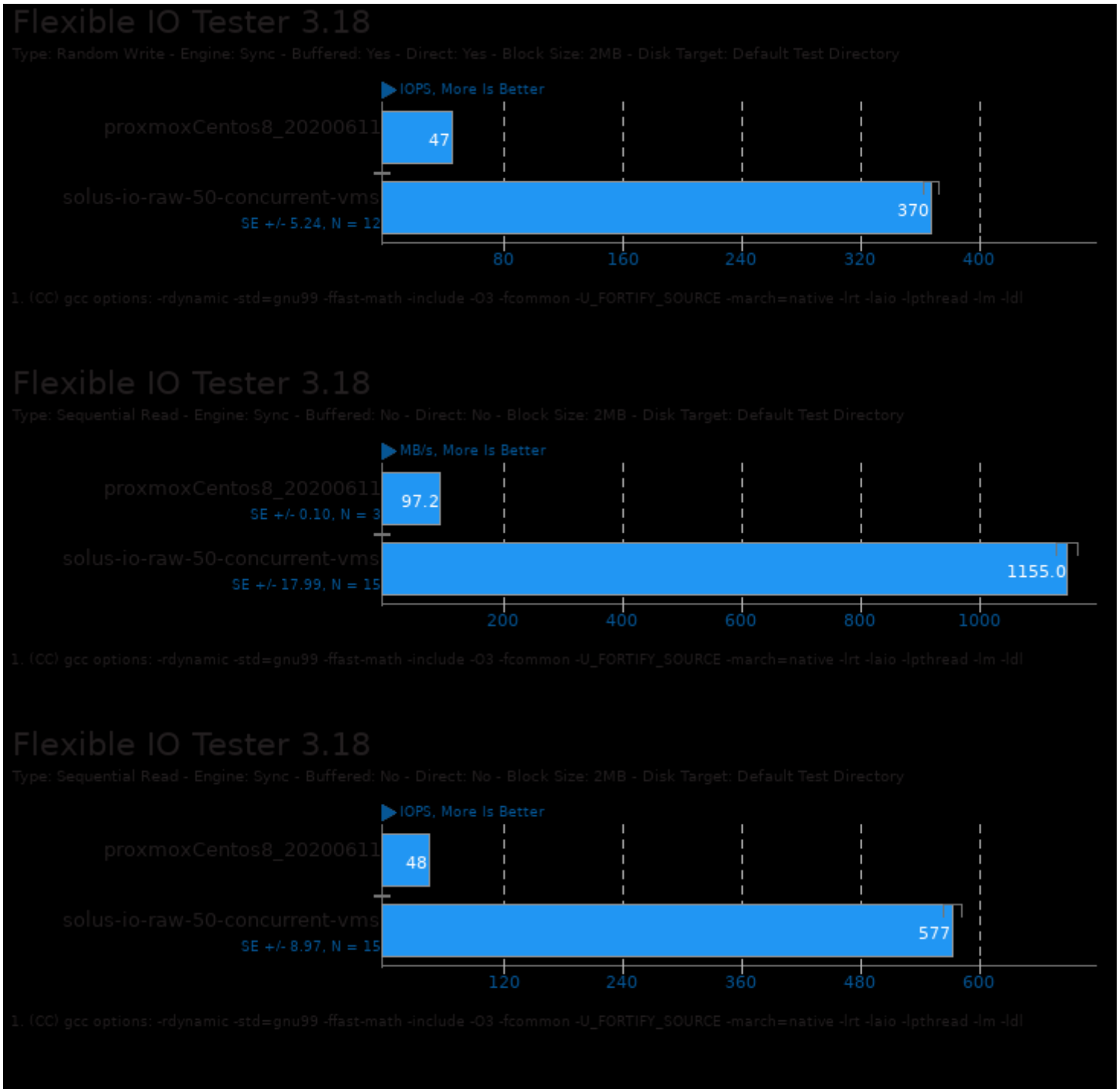

Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
MB/s, More Is Better
proxmoxCentos8_20200611
SE +/- 0.13, N = 3
81.0
solus-io-raw-50-concurrent-vms
SE +/- 8.79, N = 15
1093.0
200
400
600
800
1000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
IOPS, More Is Better
proxmoxCentos8_20200611
40
solus-io-raw-50-concurrent-vms
SE +/- 4.37, N = 15
546
120
240
360
480
600
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 2MB - Disk Target: Default Test Directory
MB/s, More Is Better
proxmoxCentos8_20200611
SE +/- 0.09, N = 3
80.9
solus-io-raw-50-concurrent-vms
SE +/- 8.73, N = 15
1146.0
200
400
600
800
1000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl

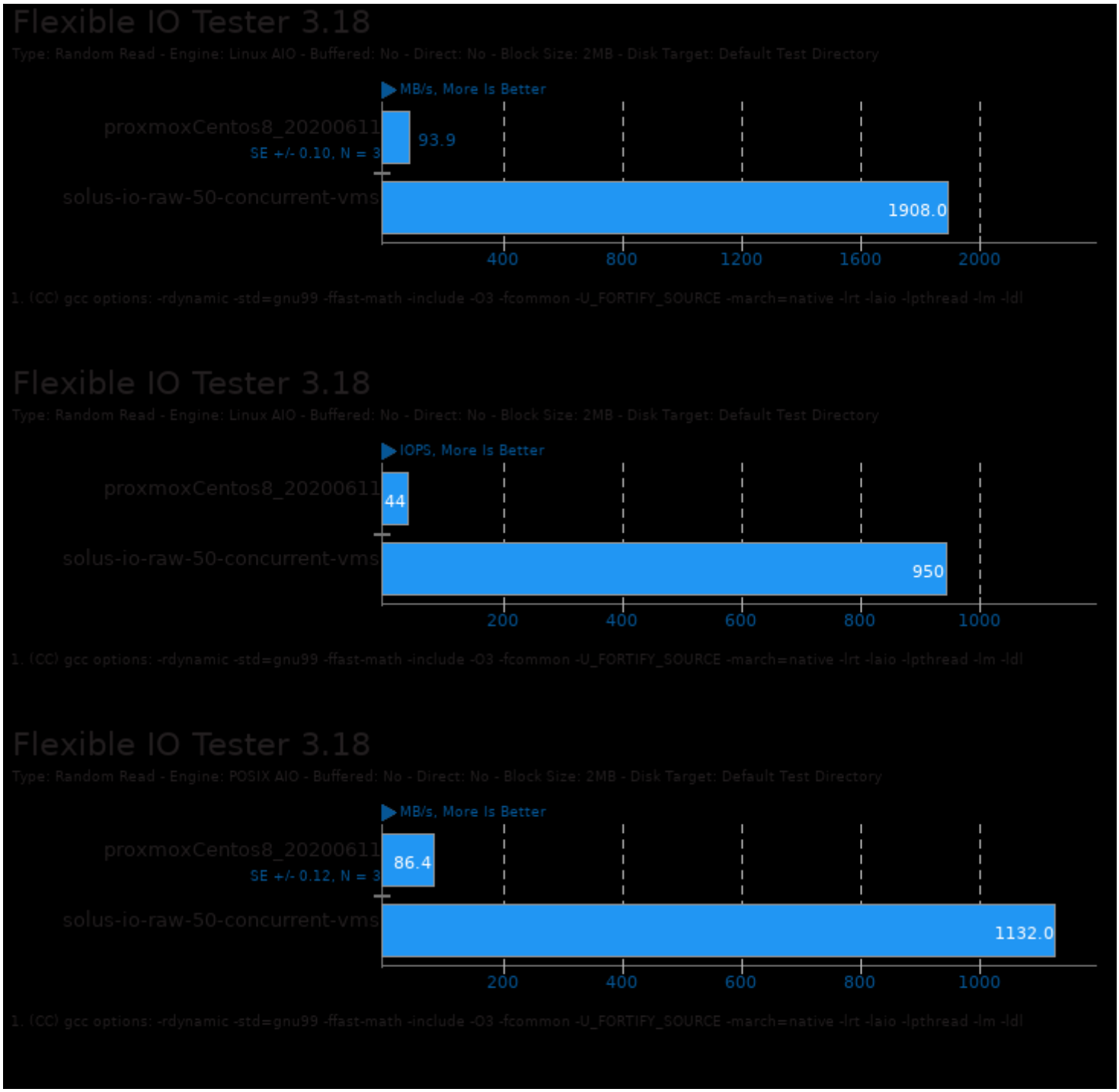

Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 2MB - Disk Target: Default Test Directory
IOPS, More Is Better
proxmoxCentos8_20200611
40
solus-io-raw-50-concurrent-vms
SE +/- 4.39, N = 15
573
120
240
360
480
600
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
MB/s, More Is Better
proxmoxCentos8_20200611
SE +/- 0.09, N = 3
79.1
solus-io-raw-50-concurrent-vms
SE +/- 1.45, N = 3
593.0
130
260
390
520
650
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
IOPS, More Is Better
proxmoxCentos8_20200611
39
solus-io-raw-50-concurrent-vms
SE +/- 0.58, N = 3
296
60
120
180
240
300
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl

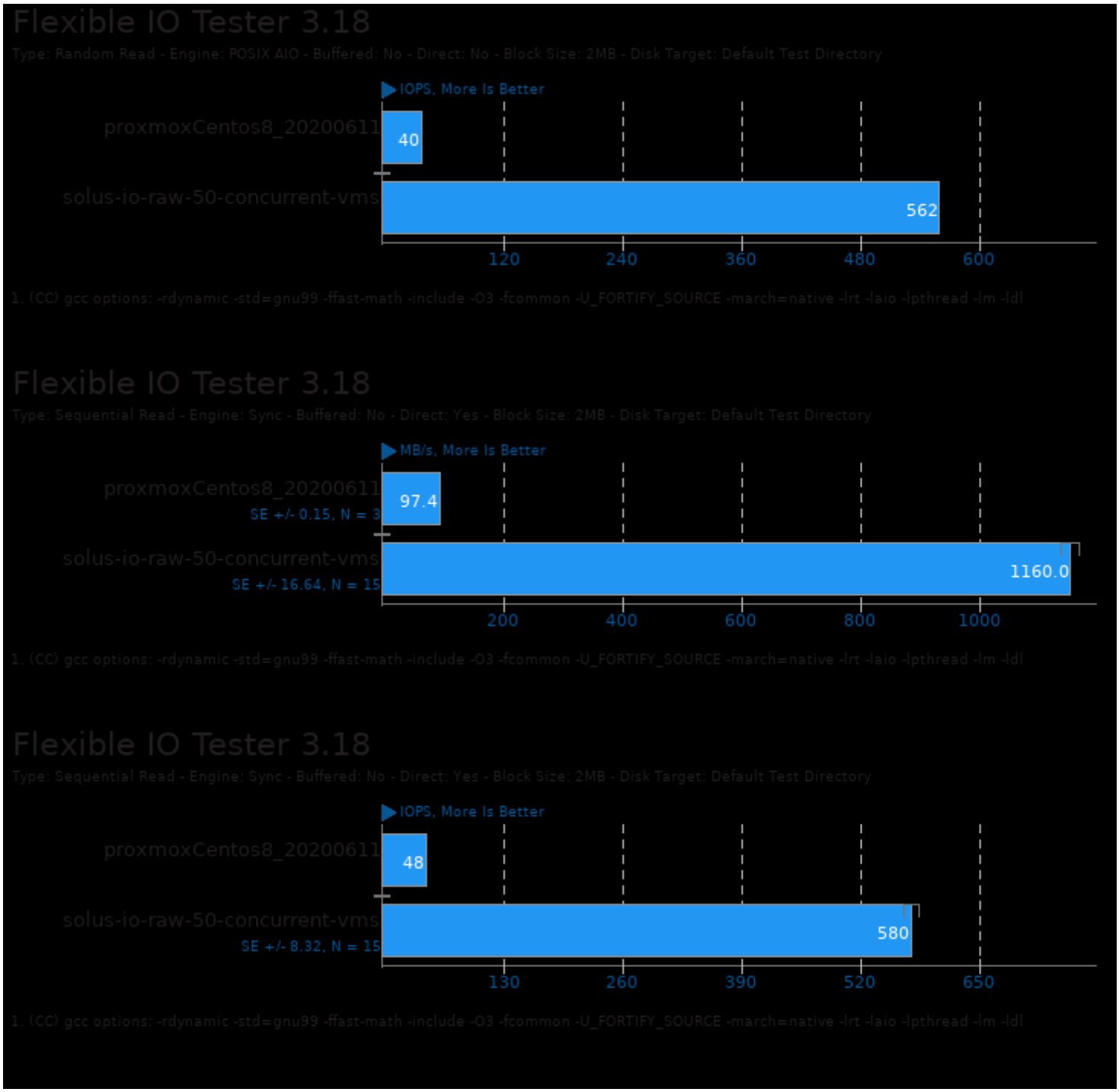

Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
MB/s, More Is Better
proxmoxCentos8_20200611
SE +/- 0.03, N = 3
80.4
solus-io-raw-50-concurrent-vms
SE +/- 2.19, N = 3
861.0
200
400
600
800
1000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
IOPS, More Is Better
proxmoxCentos8_20200611
40
solus-io-raw-50-concurrent-vms
SE +/- 1.20, N = 3
430
90
180
270
360
450
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: Yes - Block Size: 2MB - Disk Target: Default Test Directory
MB/s, More Is Better
proxmoxCentos8_20200611
SE +/- 0.52, N = 3
79.0
solus-io-raw-50-concurrent-vms
SE +/- 1.53, N = 3
601.0
130
260
390
520
650
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl

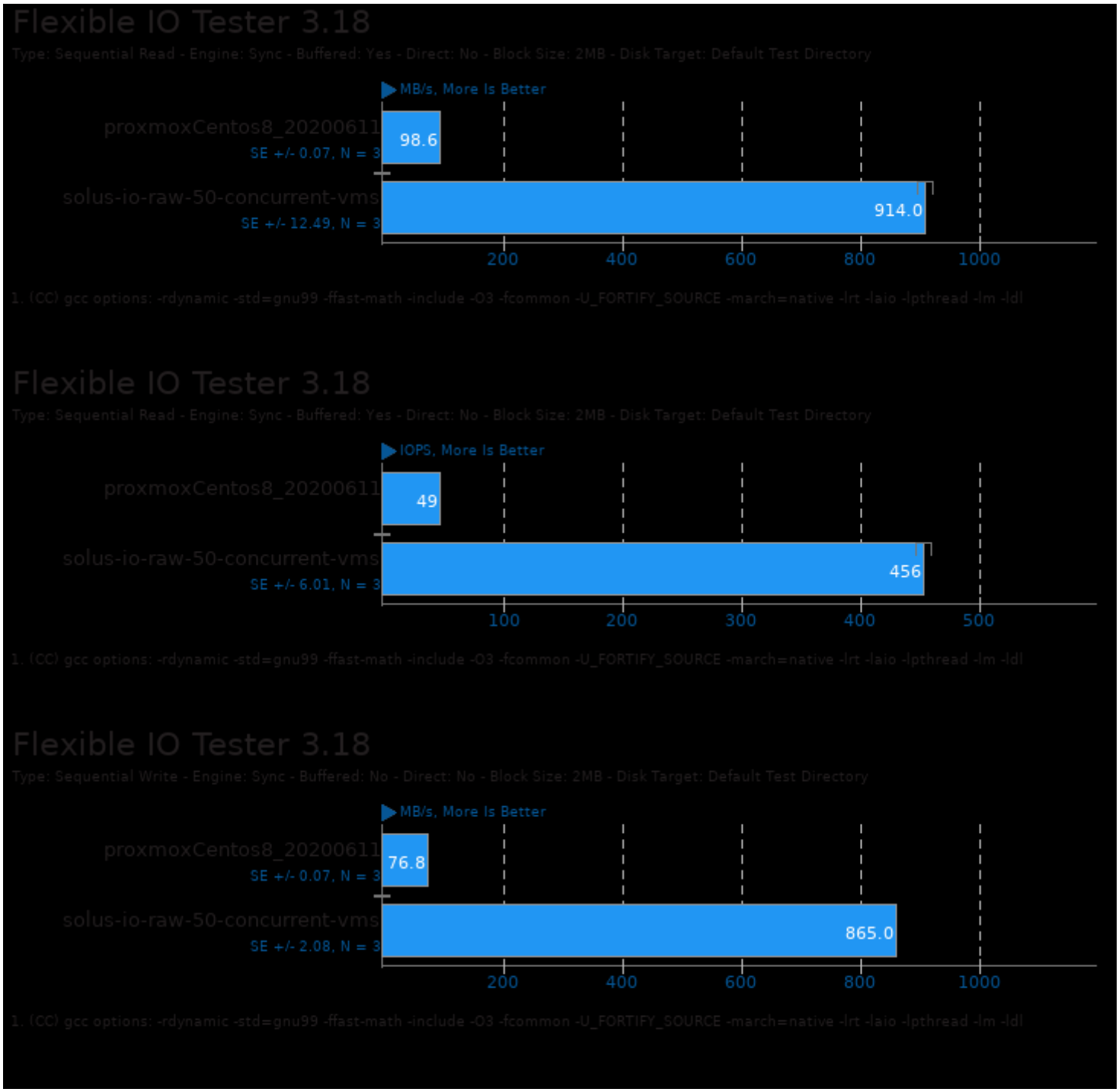

Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: Yes - Block Size: 2MB - Disk Target: Default Test Directory
IOPS, More Is Better
proxmoxCentos8_20200611
39
solus-io-raw-50-concurrent-vms
SE +/- 0.58, N = 3
300
70
140
210
280
350
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 2MB - Disk Target: Default Test Directory
MB/s, More Is Better
proxmoxCentos8_20200611
80.6
SE +/- 0.15, N = 3
solus-io-raw-50-concurrent-vms
SE +/- 2.40, N = 3
861.0
200
400
600
800
1000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 2MB - Disk Target: Default Test Directory
IOPS, More Is Better
proxmoxCentos8_20200611
40
solus-io-raw-50-concurrent-vms
SE +/- 1.33, N = 3
430
90
180
270
360
450
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl

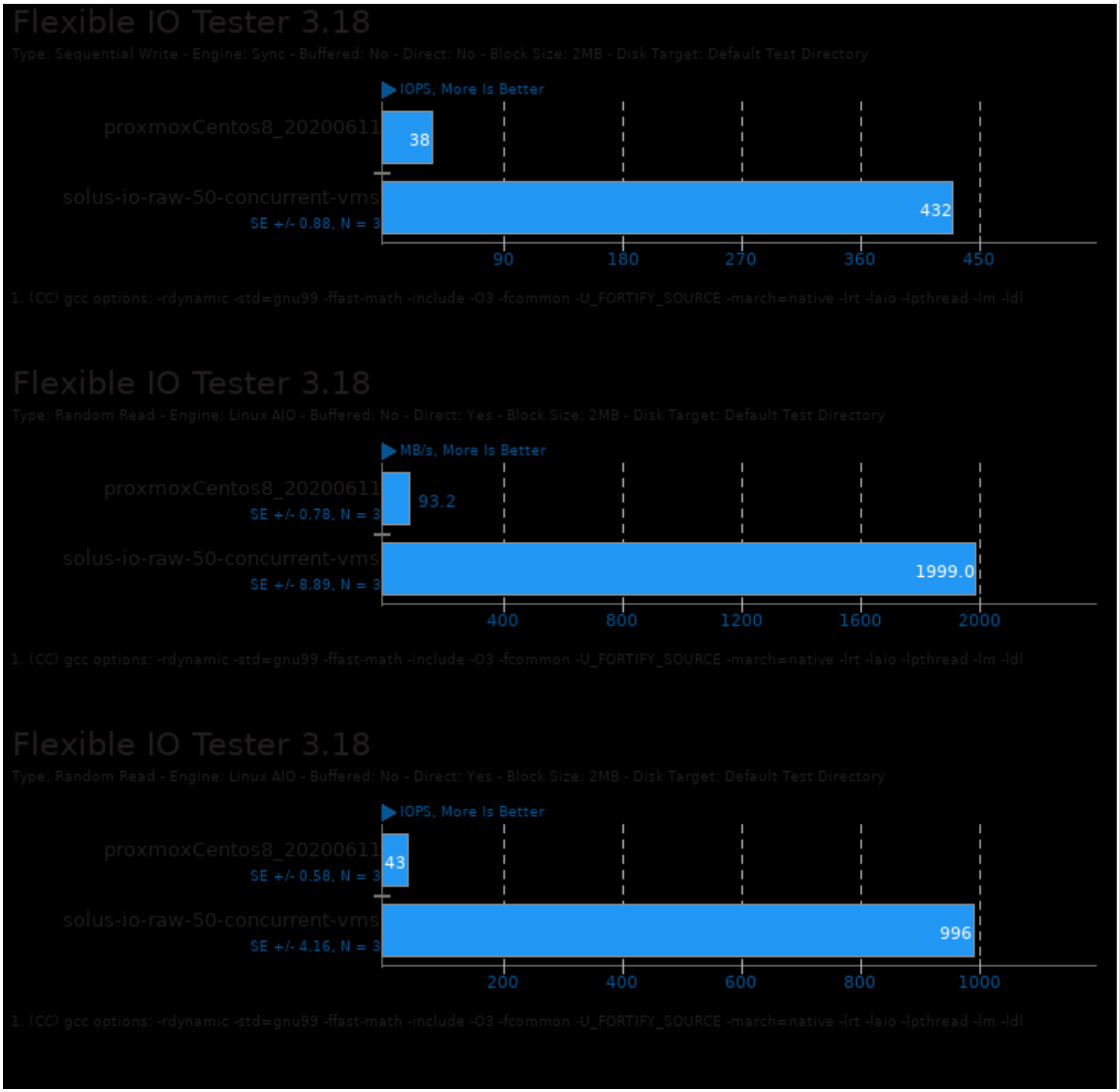

Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
MB/s, More Is Better
proxmoxCentos8_20200611
SE +/- 0.26, N = 3
96.0
solus-io-raw-50-concurrent-vms
SE +/- 6.44, N = 3
793.0
200
400
600
800
1000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
IOPS, More Is Better
proxmoxCentos8_20200611
48
solus-io-raw-50-concurrent-vms
SE +/- 3.38, N = 3
396
90
180
270
360
450
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: Yes - Direct: Yes - Block Size: 2MB - Disk Target: Default Test Directory
MB/s, More Is Better
proxmoxCentos8_20200611
SE +/- 0.21, N = 3
95.3
solus-io-raw-50-concurrent-vms
SE +/- 10.45, N = 12
740.0
160
320
480
640
800
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl

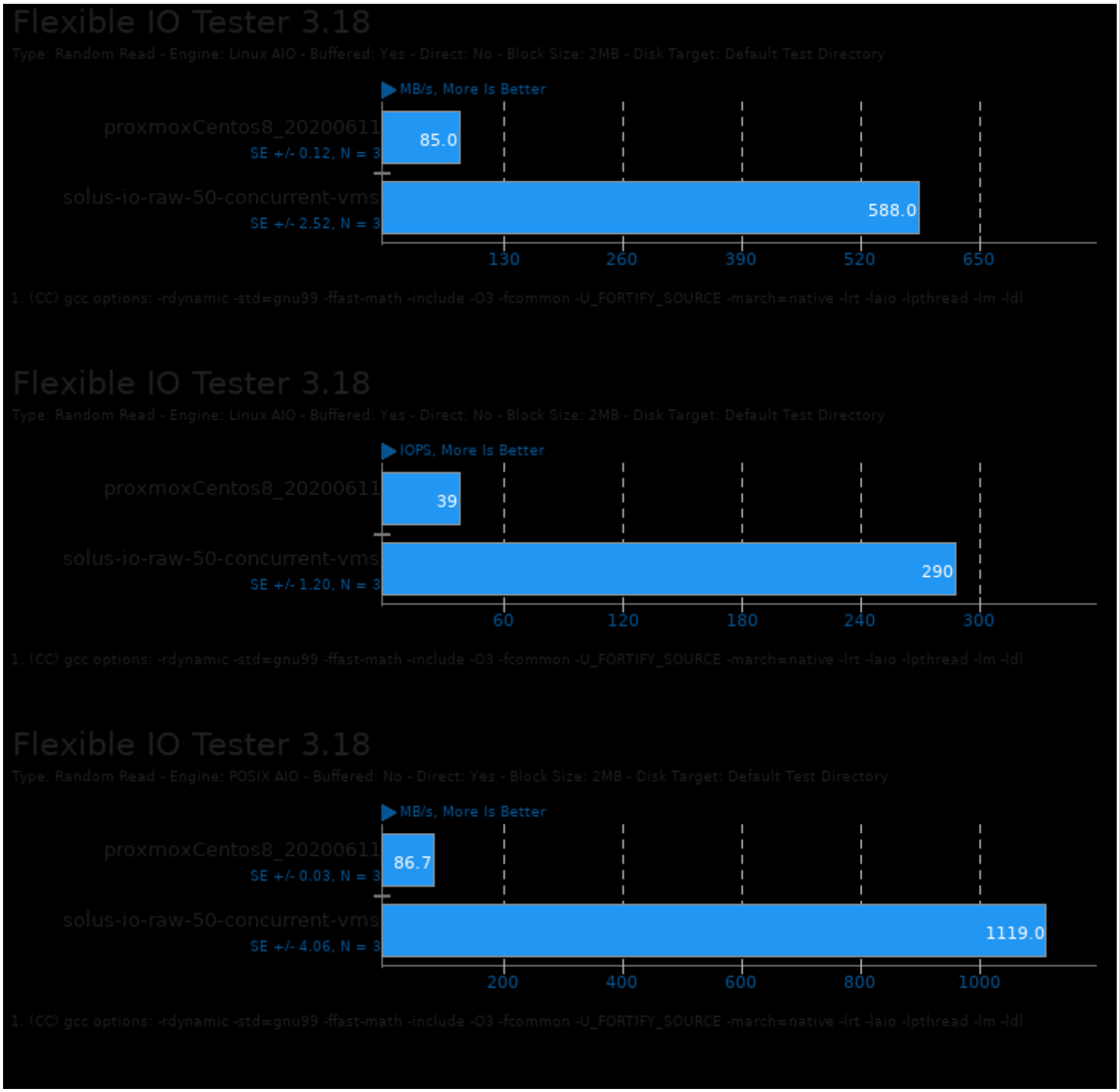

Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: Yes - Direct: Yes - Block Size: 2MB - Disk Target: Default Test Directory
IOPS, More Is Better
proxmoxCentos8_20200611
47
solus-io-raw-50-concurrent-vms
370
SE +/- 5.24, N = 12
80
160
240
320
400
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Sequential Read - Engine: Sync - Buffered: No - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
MB/s, More Is Better
proxmoxCentos8_20200611
97.2
SE +/- 0.10, N = 3
solus-io-raw-50-concurrent-vms
1155.0
SE +/- 17.99, N = 15
200
400
600
800
1000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Sequential Read - Engine: Sync - Buffered: No - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
IOPS, More Is Better
proxmoxCentos8_20200611
48
solus-io-raw-50-concurrent-vms
577
SE +/- 8.97, N = 15
120
240
360
480
600
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl

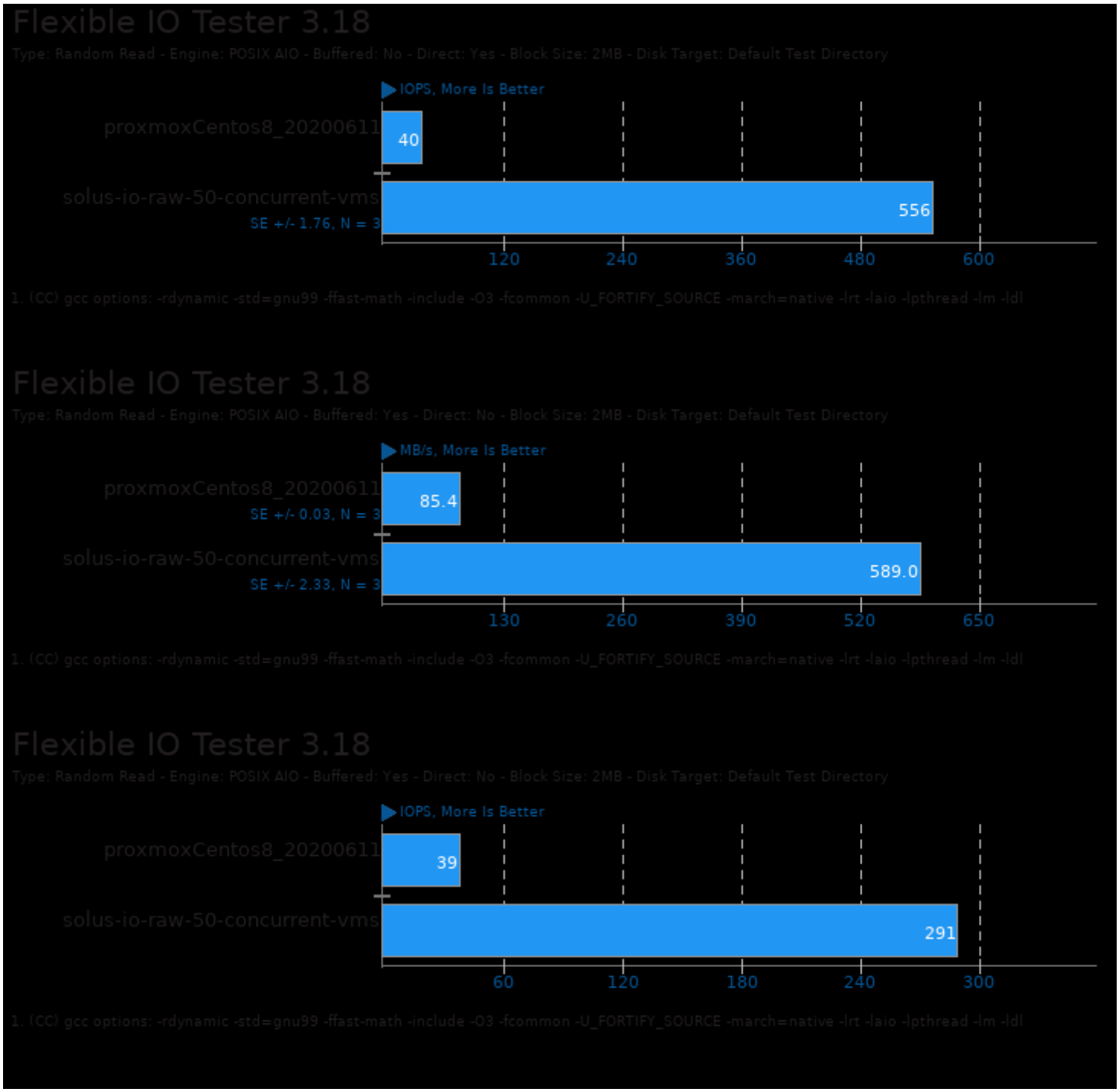

Flexible IO Tester 3.18
Type: Random Read - Engine: Linux AIO - Buffered: No - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
MB/s, More Is Better
proxmoxCentos8_20200611
SE +/- 0.10, N = 3
93.9
solus-io-raw-50-concurrent-vms
1908.0
400
800
1200
1600
2000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Read - Engine: Linux AIO - Buffered: No - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
IOPS, More Is Better
proxmoxCentos8_20200611
44
solus-io-raw-50-concurrent-vms
950
200
400
600
800
1000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Read - Engine: POSIX AIO - Buffered: No - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
MB/s, More Is Better
proxmoxCentos8_20200611
SE +/- 0.12, N = 3
86.4
solus-io-raw-50-concurrent-vms
1132.0
200
400
600
800
1000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl

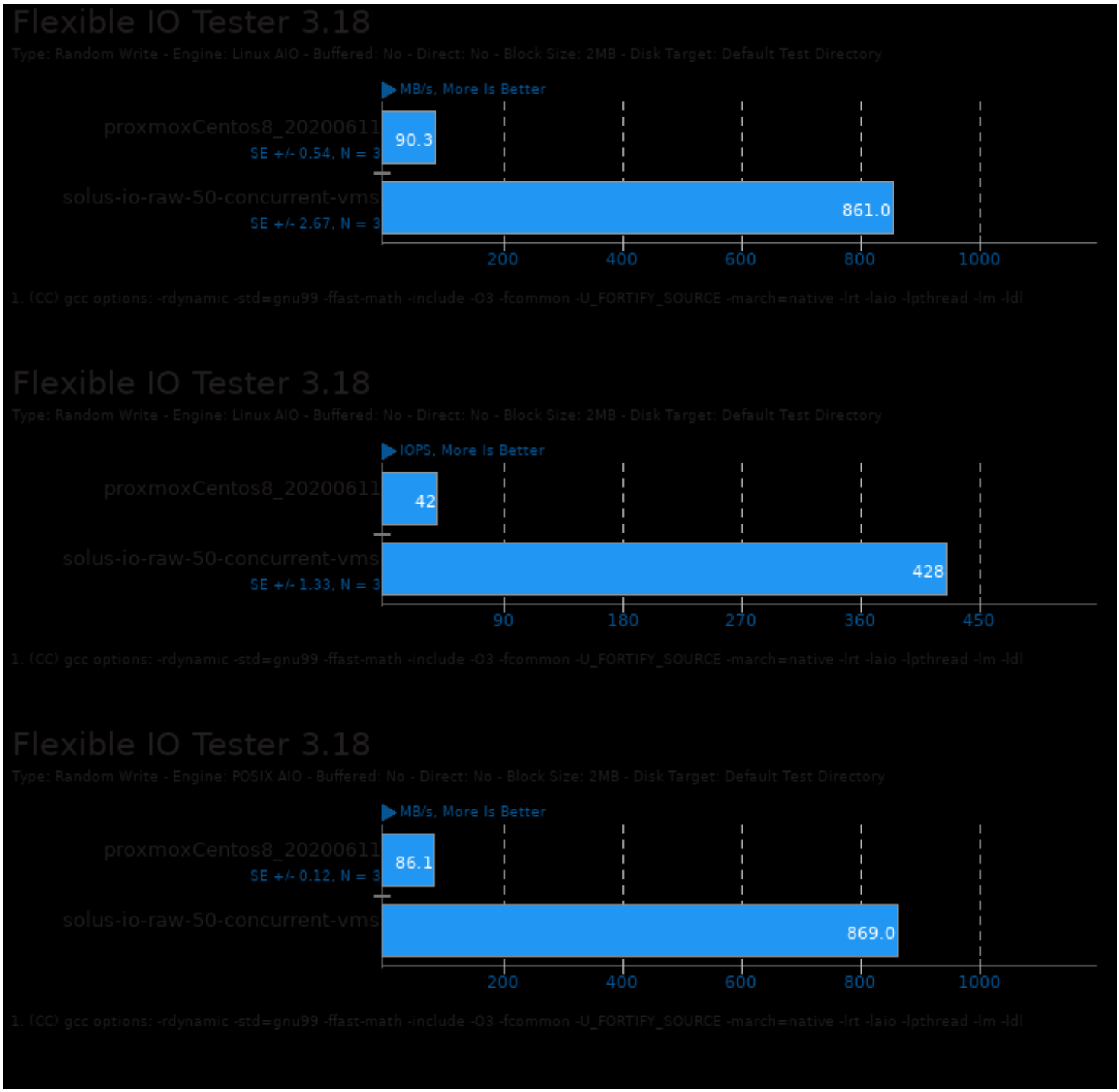

Flexible IO Tester 3.18
Type: Random Read - Engine: POSIX AIO - Buffered: No - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
IOPS, More Is Better
proxmoxCentos8_20200611
40
solus-io-raw-50-concurrent-vms
562
120
240
360
480
600
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Sequential Read - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 2MB - Disk Target: Default Test Directory
MB/s, More Is Better
proxmoxCentos8_20200611
97.4
SE +/- 0.15, N = 3
solus-io-raw-50-concurrent-vms
1160.0
SE +/- 16.64, N = 15
200
400
600
800
1000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Sequential Read - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 2MB - Disk Target: Default Test Directory
IOPS, More Is Better
proxmoxCentos8_20200611
48
solus-io-raw-50-concurrent-vms
580
SE +/- 8.32, N = 15
130
260
390
520
650
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl

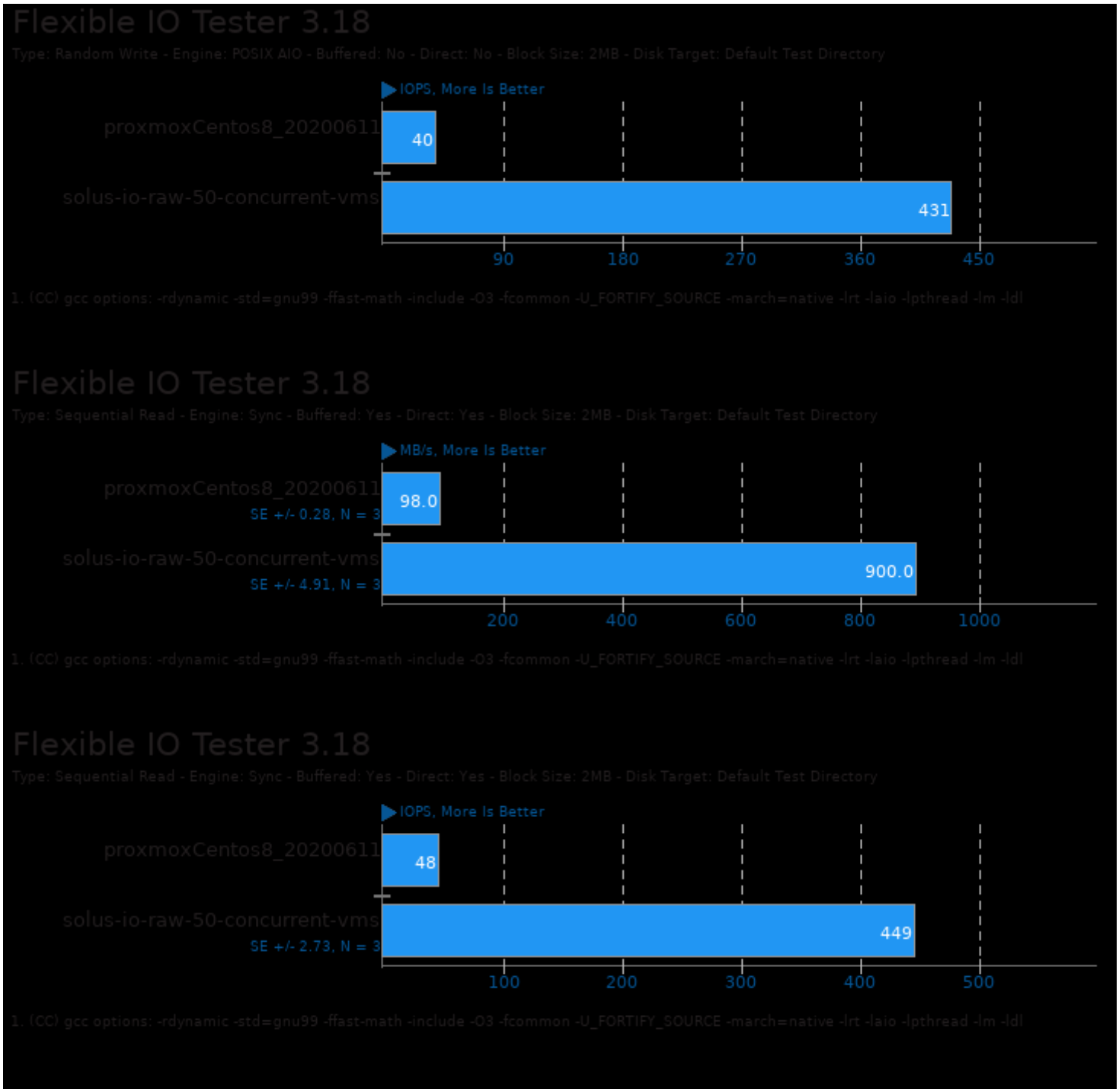

Flexible IO Tester 3.18
Type: Sequential Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
MB/s, More Is Better
proxmoxCentos8_20200611
SE +/- 0.07, N = 3
98.6
solus-io-raw-50-concurrent-vms
SE +/- 12.49, N = 3
914.0
200
400
600
800
1000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Sequential Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
IOPS, More Is Better
proxmoxCentos8_20200611
49
solus-io-raw-50-concurrent-vms
SE +/- 6.01, N = 3
456
100
200
300
400
500
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Sequential Write - Engine: Sync - Buffered: No - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
MB/s, More Is Better
proxmoxCentos8_20200611
SE +/- 0.07, N = 3
76.8
solus-io-raw-50-concurrent-vms
SE +/- 2.08, N = 3
865.0
200
400
600
800
1000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl

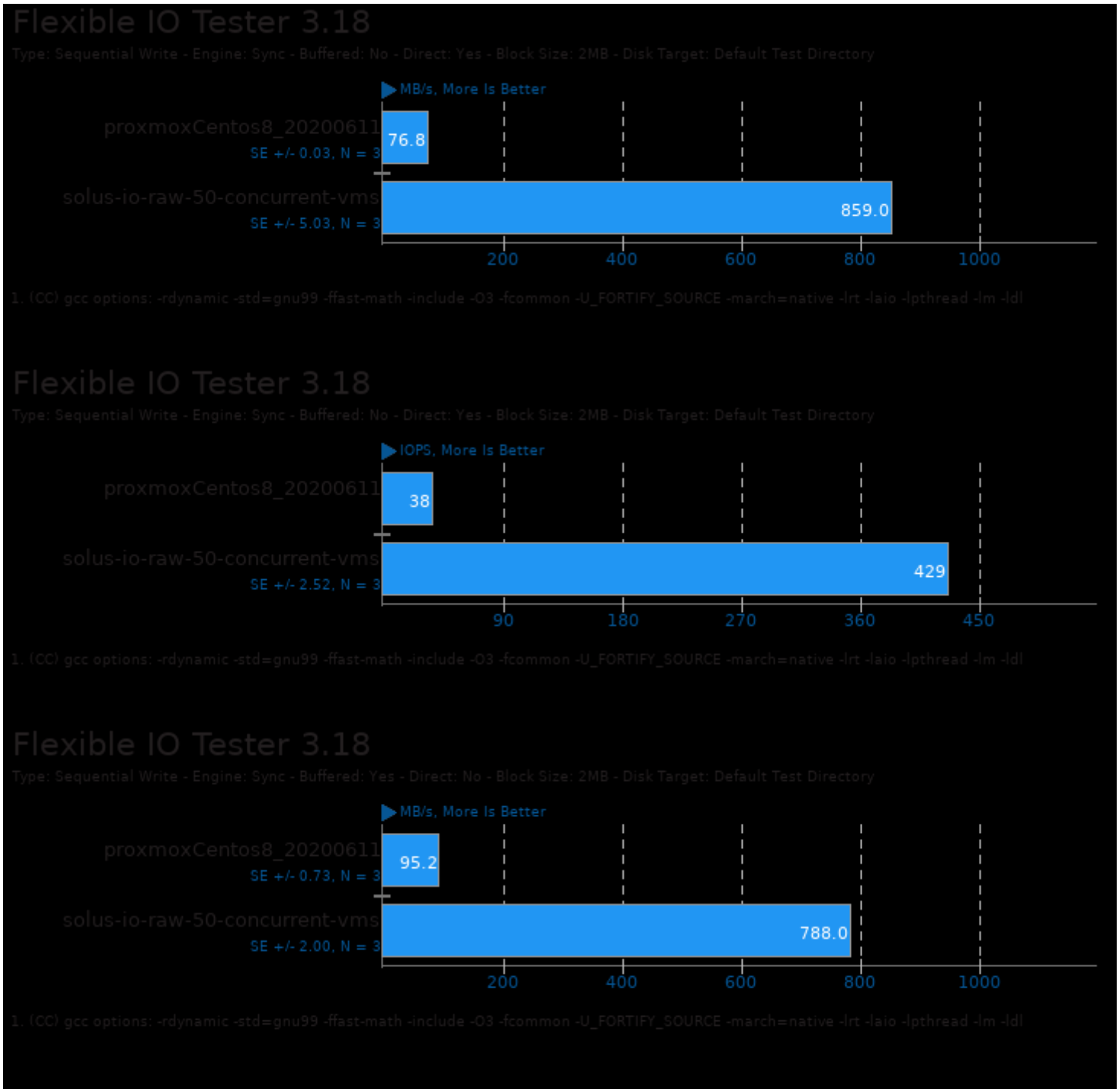

Flexible IO Tester 3.18
Type: Sequential Write - Engine: Sync - Buffered: No - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
IOPS, More Is Better
proxmoxCentos8_20200611
38
solus-io-raw-50-concurrent-vms
SE +/- 0.88, N = 3
432
90
180
270
360
450
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 2MB - Disk Target: Default Test Directory
MB/s, More Is Better
proxmoxCentos8_20200611
SE +/- 0.78, N = 3
93.2
solus-io-raw-50-concurrent-vms
SE +/- 8.89, N = 3
1999.0
400
800
1200
1600
2000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 2MB - Disk Target: Default Test Directory
IOPS, More Is Better
proxmoxCentos8_20200611
SE +/- 0.58, N = 3
43
solus-io-raw-50-concurrent-vms
SE +/- 4.16, N = 3
996
200
400
600
800
1000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl

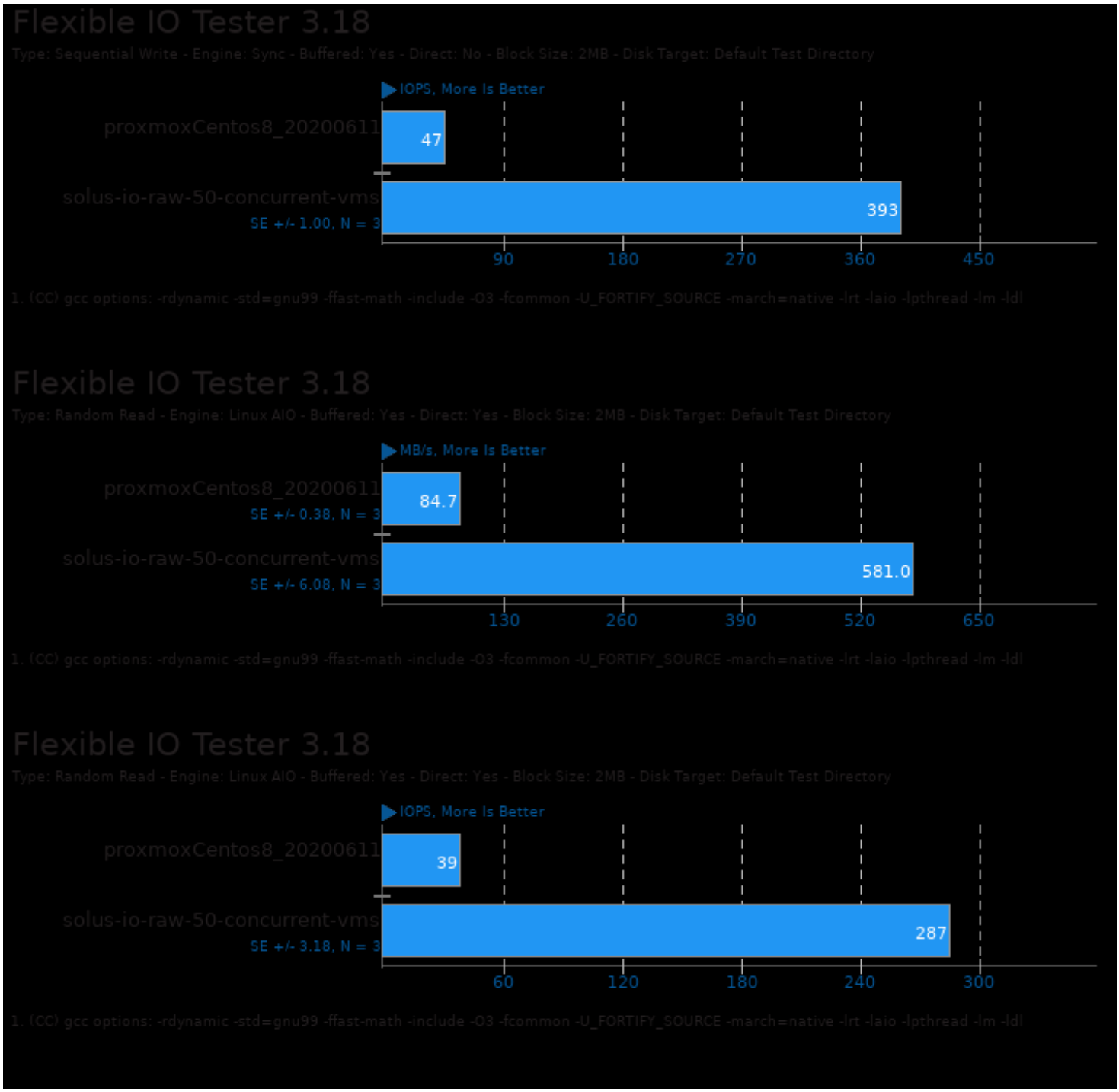

Flexible IO Tester 3.18
Type: Random Read - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
MB/s, More Is Better
proxmoxCentos8_20200611
SE +/- 0.12, N = 3
85.0
solus-io-raw-50-concurrent-vms
SE +/- 2.52, N = 3
588.0
130
260
390
520
650
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Read - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
IOPS, More Is Better
proxmoxCentos8_20200611
39
solus-io-raw-50-concurrent-vms
SE +/- 1.20, N = 3
290
60
120
180
240
300
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Read - Engine: POSIX AIO - Buffered: No - Direct: Yes - Block Size: 2MB - Disk Target: Default Test Directory
MB/s, More Is Better
proxmoxCentos8_20200611
SE +/- 0.03, N = 3
86.7
solus-io-raw-50-concurrent-vms
SE +/- 4.06, N = 3
1119.0
200
400
600
800
1000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl

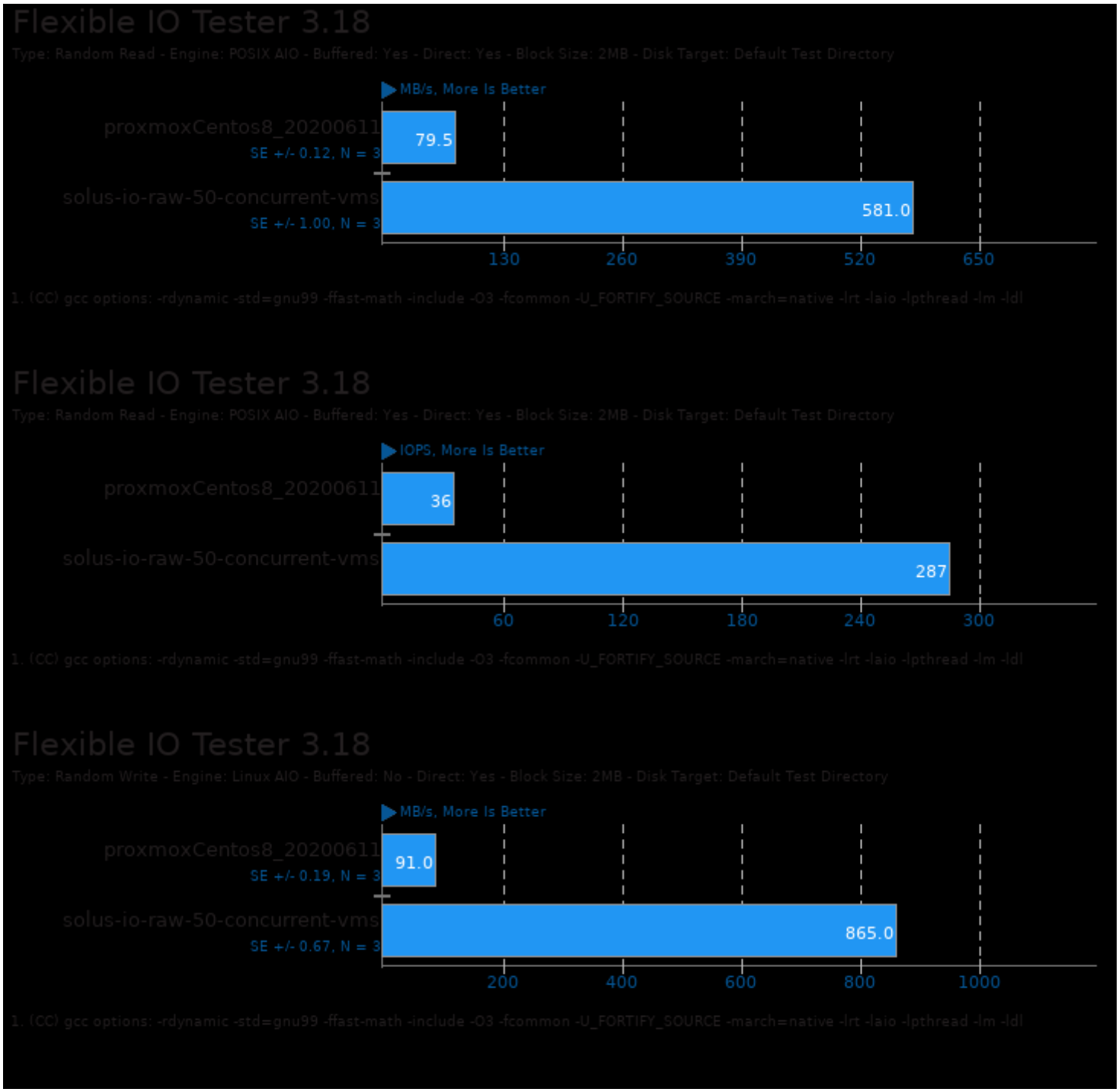

Flexible IO Tester 3.18
Type: Random Read - Engine: POSIX AIO - Buffered: No - Direct: Yes - Block Size: 2MB - Disk Target: Default Test Directory
IOPS, More Is Better
proxmoxCentos8_20200611
40
solus-io-raw-50-concurrent-vms
SE +/- 1.76, N = 3
556
120
240
360
480
600
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Read - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
MB/s, More Is Better
proxmoxCentos8_20200611
85.4
SE +/- 0.03, N = 3
solus-io-raw-50-concurrent-vms
SE +/- 2.33, N = 3
589.0
130
260
390
520
650
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Read - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
IOPS, More Is Better
proxmoxCentos8_20200611
39
solus-io-raw-50-concurrent-vms
291
60
120
180
240
300
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl

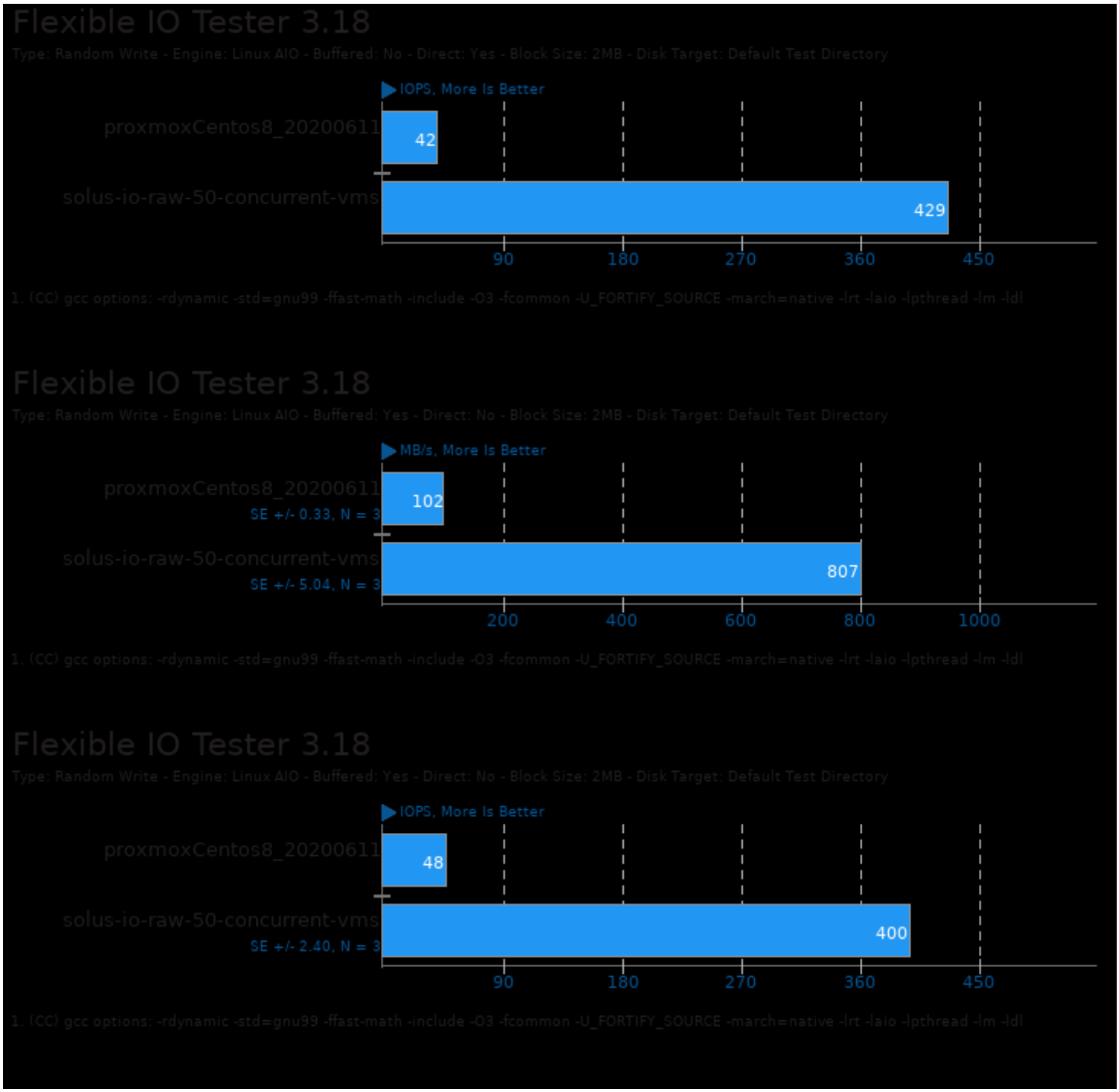

Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: No - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
MB/s, More Is Better
proxmoxCentos8_20200611
SE +/- 0.54, N = 3
90.3
solus-io-raw-50-concurrent-vms
SE +/- 2.67, N = 3
861.0
200
400
600
800
1000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: No - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
IOPS, More Is Better
proxmoxCentos8_20200611
42
solus-io-raw-50-concurrent-vms
SE +/- 1.33, N = 3
428
90
180
270
360
450
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: POSIX AIO - Buffered: No - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
MB/s, More Is Better
proxmoxCentos8_20200611
SE +/- 0.12, N = 3
86.1
solus-io-raw-50-concurrent-vms
869.0
200
400
600
800
1000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl

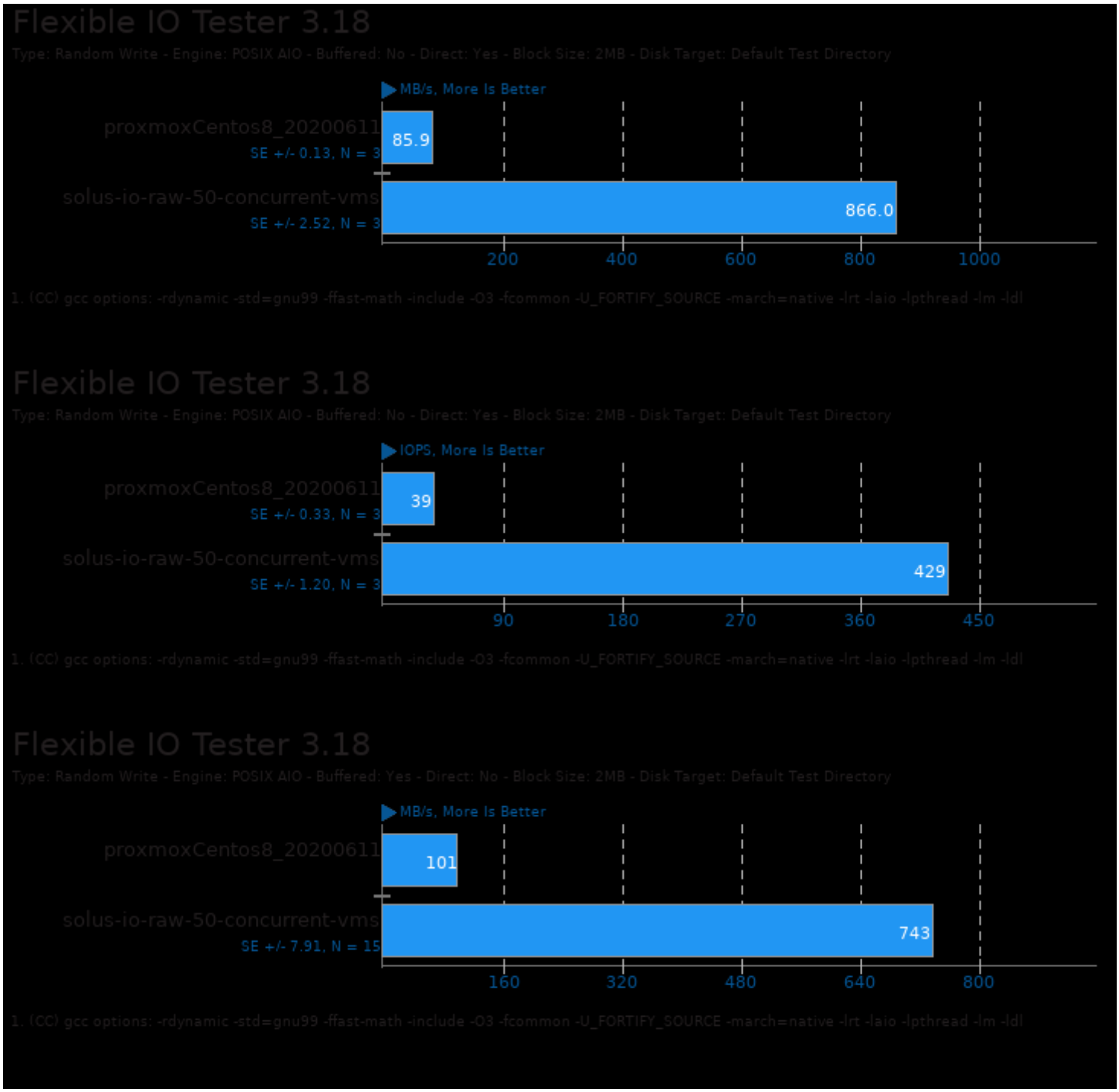

Flexible IO Tester 3.18
Type: Random Write - Engine: POSIX AIO - Buffered: No - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
IOPS, More Is Better
proxmoxCentos8_20200611
40
solus-io-raw-50-concurrent-vms
431
90
180
270
360
450
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Sequential Read - Engine: Sync - Buffered: Yes - Direct: Yes - Block Size: 2MB - Disk Target: Default Test Directory
MB/s, More Is Better
proxmoxCentos8_20200611
SE +/- 0.28, N = 3
98.0
solus-io-raw-50-concurrent-vms
SE +/- 4.91, N = 3
900.0
200
400
600
800
1000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Sequential Read - Engine: Sync - Buffered: Yes - Direct: Yes - Block Size: 2MB - Disk Target: Default Test Directory
IOPS, More Is Better
proxmoxCentos8_20200611
48
solus-io-raw-50-concurrent-vms
SE +/- 2.73, N = 3
449
100
200
300
400
500
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl

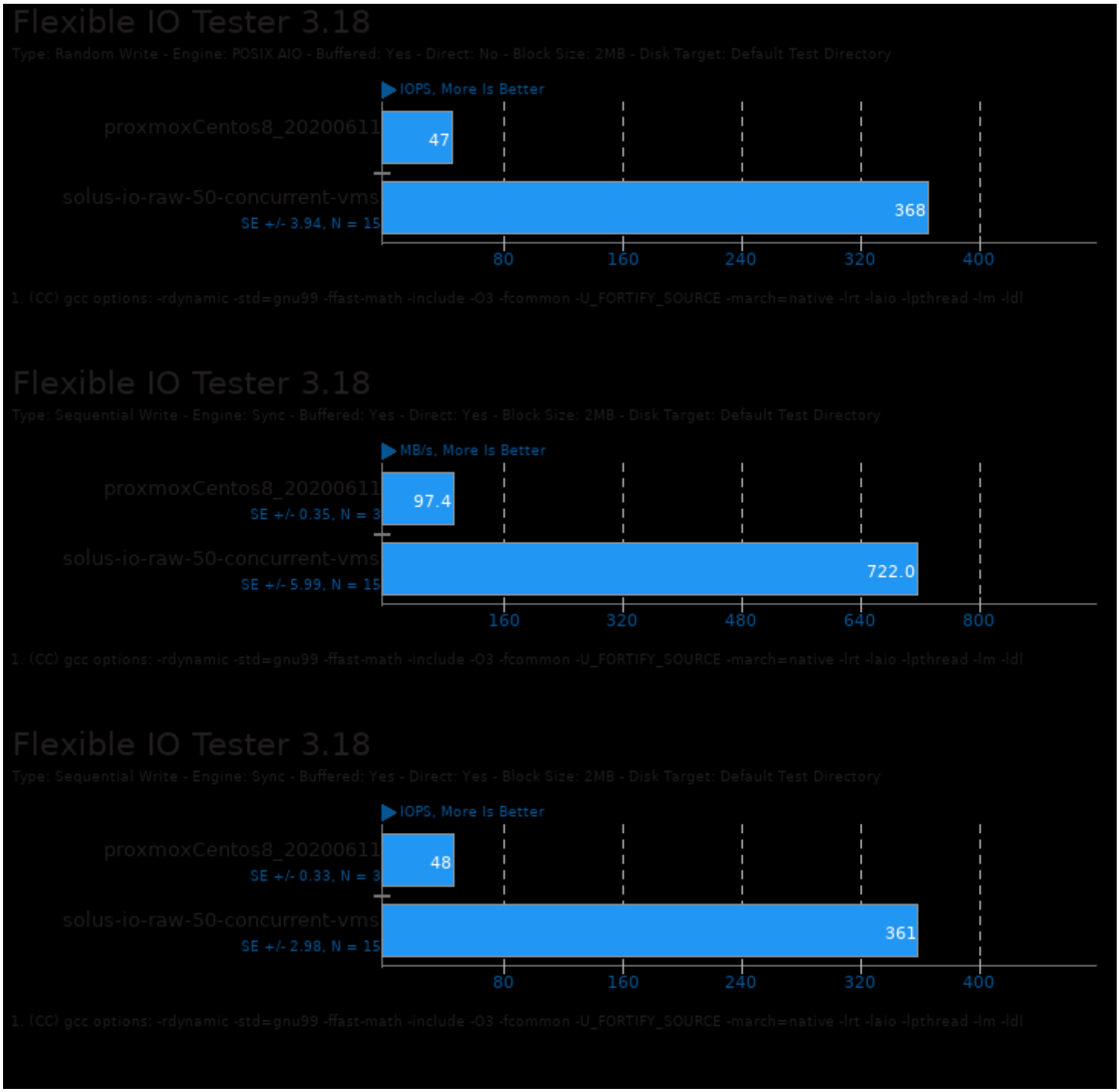

Flexible IO Tester 3.18
Type: Sequential Write - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 2MB - Disk Target: Default Test Directory
MB/s, More Is Better
proxmoxCentos8_20200611
SE +/- 0.03, N = 3
76.8
solus-io-raw-50-concurrent-vms
SE +/- 5.03, N = 3
859.0
200
400
600
800
1000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Sequential Write - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 2MB - Disk Target: Default Test Directory
IOPS, More Is Better
proxmoxCentos8_20200611
38
solus-io-raw-50-concurrent-vms
SE +/- 2.52, N = 3
429
90
180
270
360
450
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Sequential Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
MB/s, More Is Better
proxmoxCentos8_20200611
SE +/- 0.73, N = 3
95.2
solus-io-raw-50-concurrent-vms
SE +/- 2.00, N = 3
788.0
200
400
600
800
1000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl

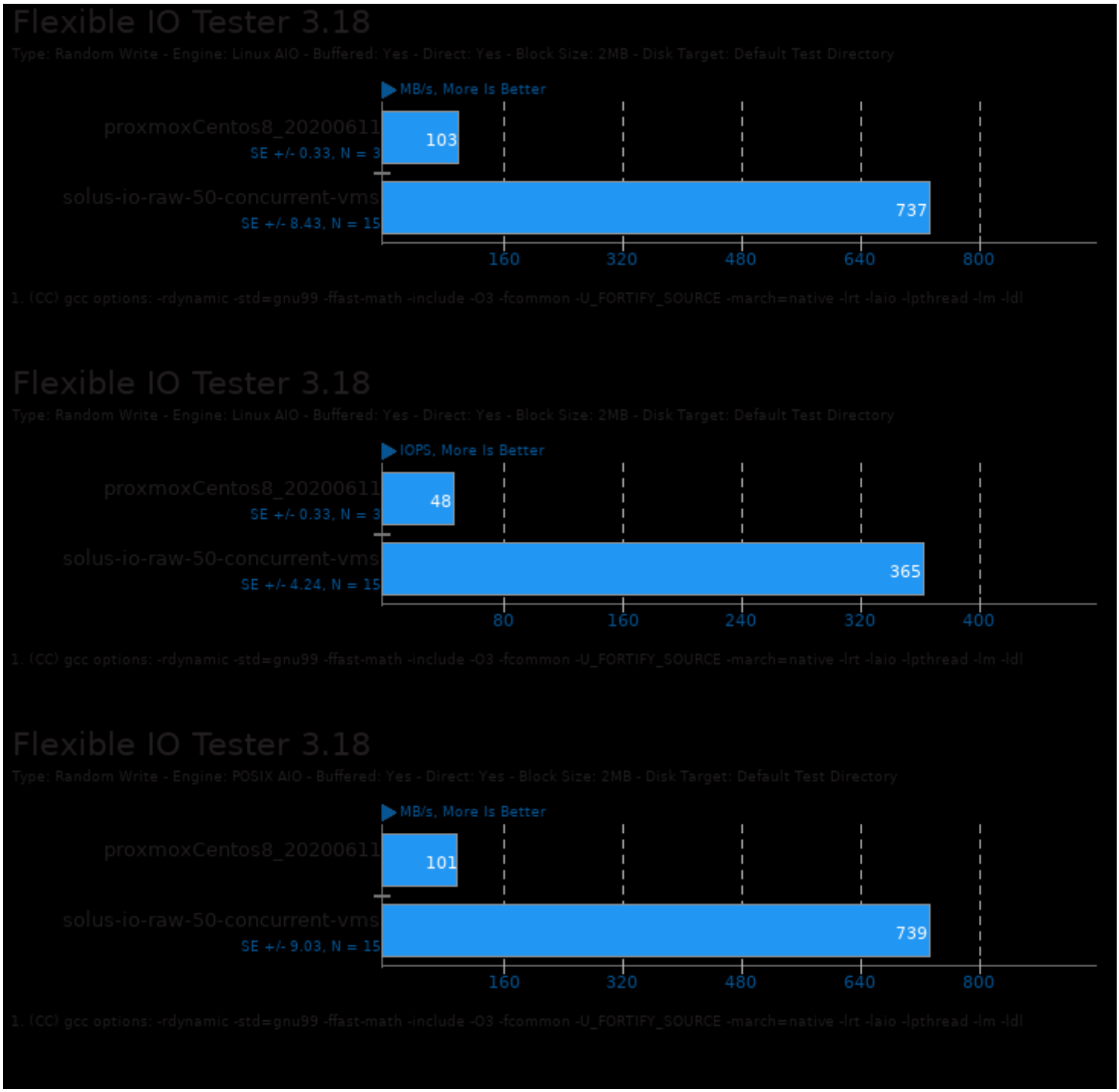

Flexible IO Tester 3.18
Type: Sequential Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
IOPS, More Is Better
proxmoxCentos8_20200611
47
solus-io-raw-50-concurrent-vms
SE +/- 1.00, N = 3
393
90
180
270
360
450
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Read - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 2MB - Disk Target: Default Test Directory
MB/s, More Is Better
proxmoxCentos8_20200611
SE +/- 0.38, N = 3
84.7
solus-io-raw-50-concurrent-vms
SE +/- 6.08, N = 3
581.0
130
260
390
520
650
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Read - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 2MB - Disk Target: Default Test Directory
IOPS, More Is Better
proxmoxCentos8_20200611
39
solus-io-raw-50-concurrent-vms
SE +/- 3.18, N = 3
287
60
120
180
240
300
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl

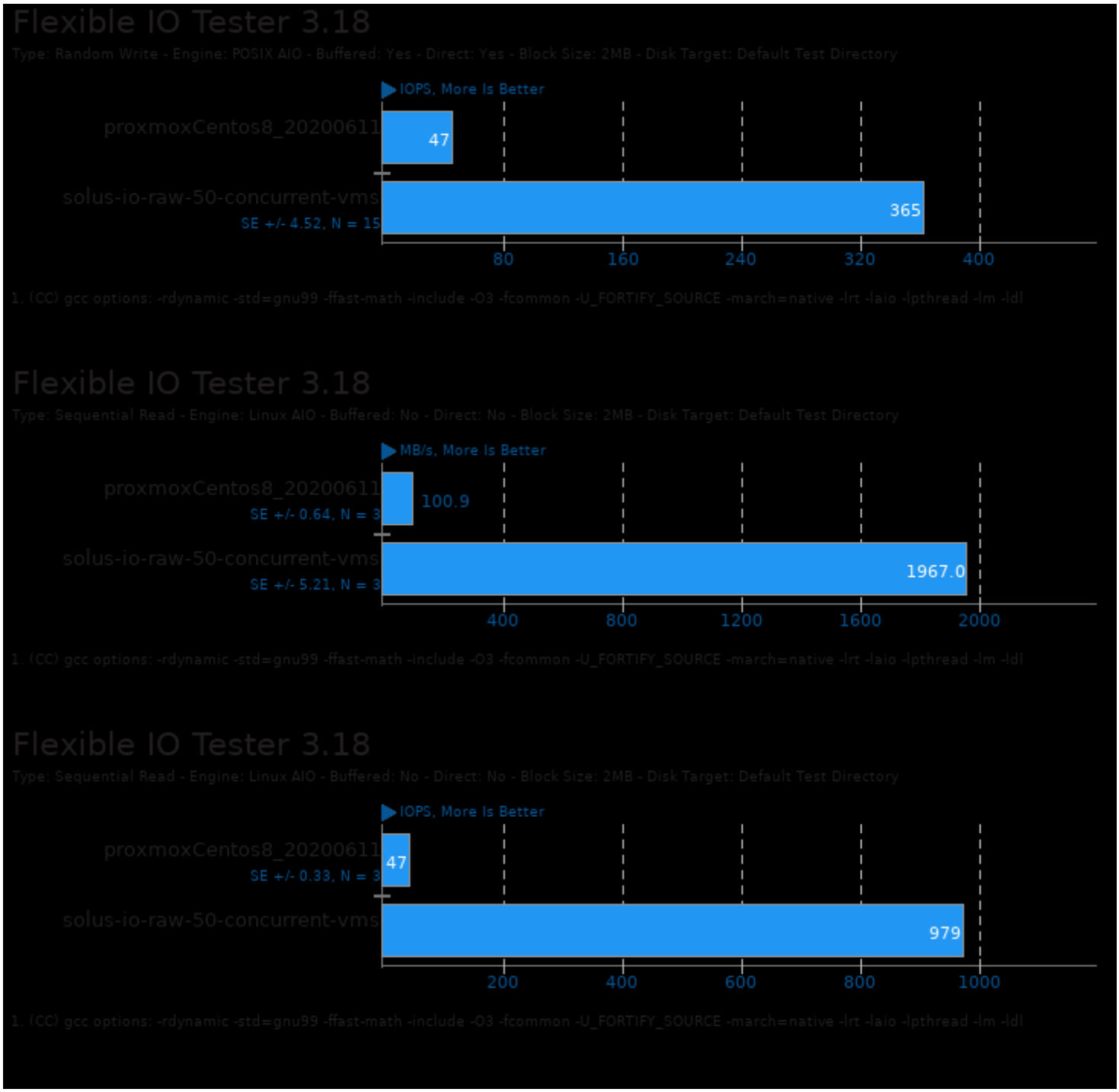

Flexible IO Tester 3.18
Type: Random Read - Engine: POSIX AIO - Buffered: Yes - Direct: Yes - Block Size: 2MB - Disk Target: Default Test Directory
MB/s, More Is Better
proxmoxCentos8_20200611
SE +/- 0.12, N = 3
79.5
solus-io-raw-50-concurrent-vms
SE +/- 1.00, N = 3
581.0
130
260
390
520
650
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Read - Engine: POSIX AIO - Buffered: Yes - Direct: Yes - Block Size: 2MB - Disk Target: Default Test Directory
IOPS, More Is Better
proxmoxCentos8_20200611
36
solus-io-raw-50-concurrent-vms
287
60
120
180
240
300
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 2MB - Disk Target: Default Test Directory
MB/s, More Is Better
proxmoxCentos8_20200611
SE +/- 0.19, N = 3
91.0
solus-io-raw-50-concurrent-vms
SE +/- 0.67, N = 3
865.0
200
400
600
800
1000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl

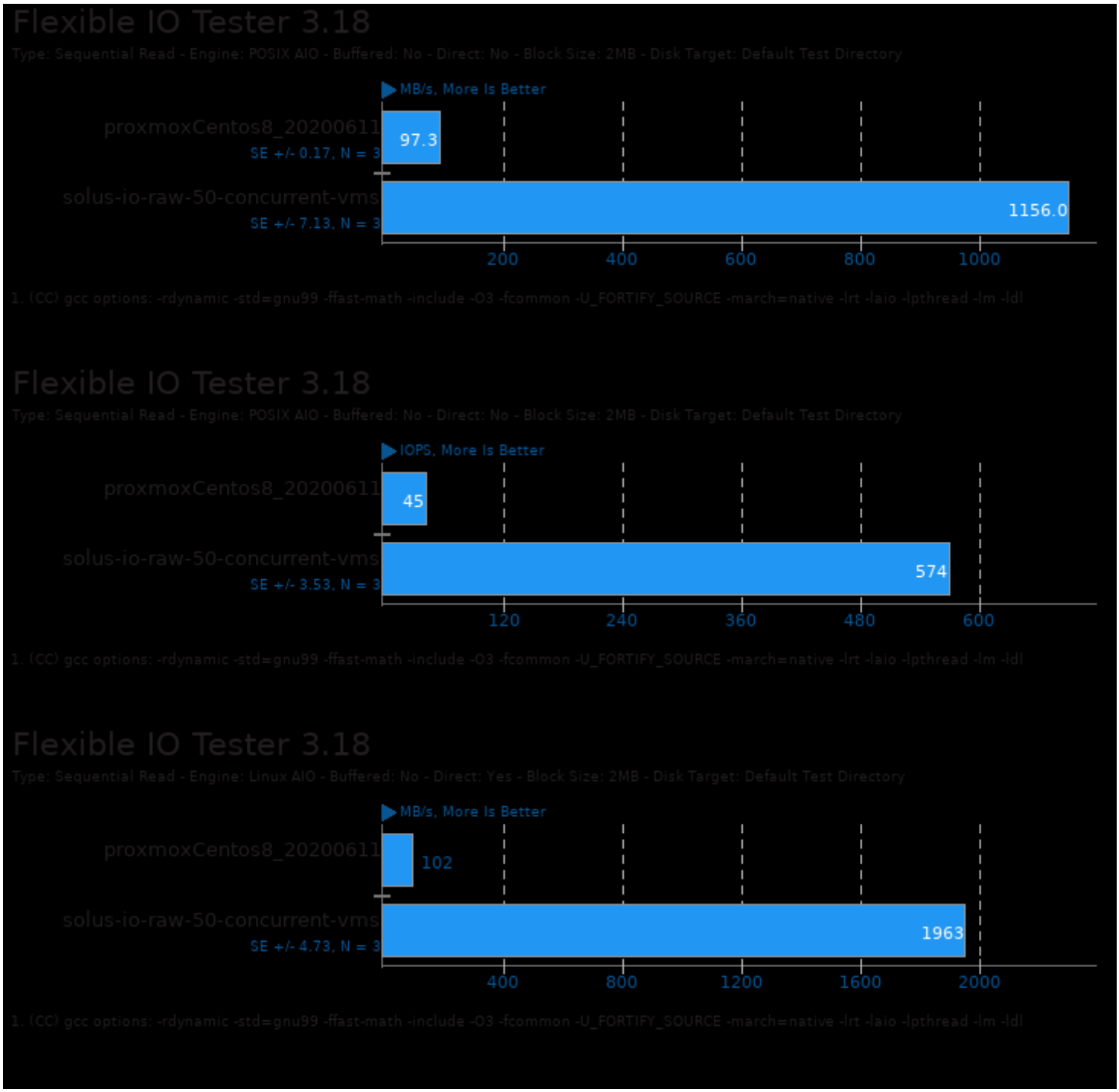

Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 2MB - Disk Target: Default Test Directory
IOPS, More Is Better
proxmoxCentos8_20200611
42
solus-io-raw-50-concurrent-vms
429
90
180
270
360
450
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
MB/s, More Is Better
proxmoxCentos8_20200611
SE +/- 0.33, N = 3
102
solus-io-raw-50-concurrent-vms
SE +/- 5.04, N = 3
807
200
400
600
800
1000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
IOPS, More Is Better
proxmoxCentos8_20200611
48
solus-io-raw-50-concurrent-vms
SE +/- 2.40, N = 3
400
90
180
270
360
450
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl

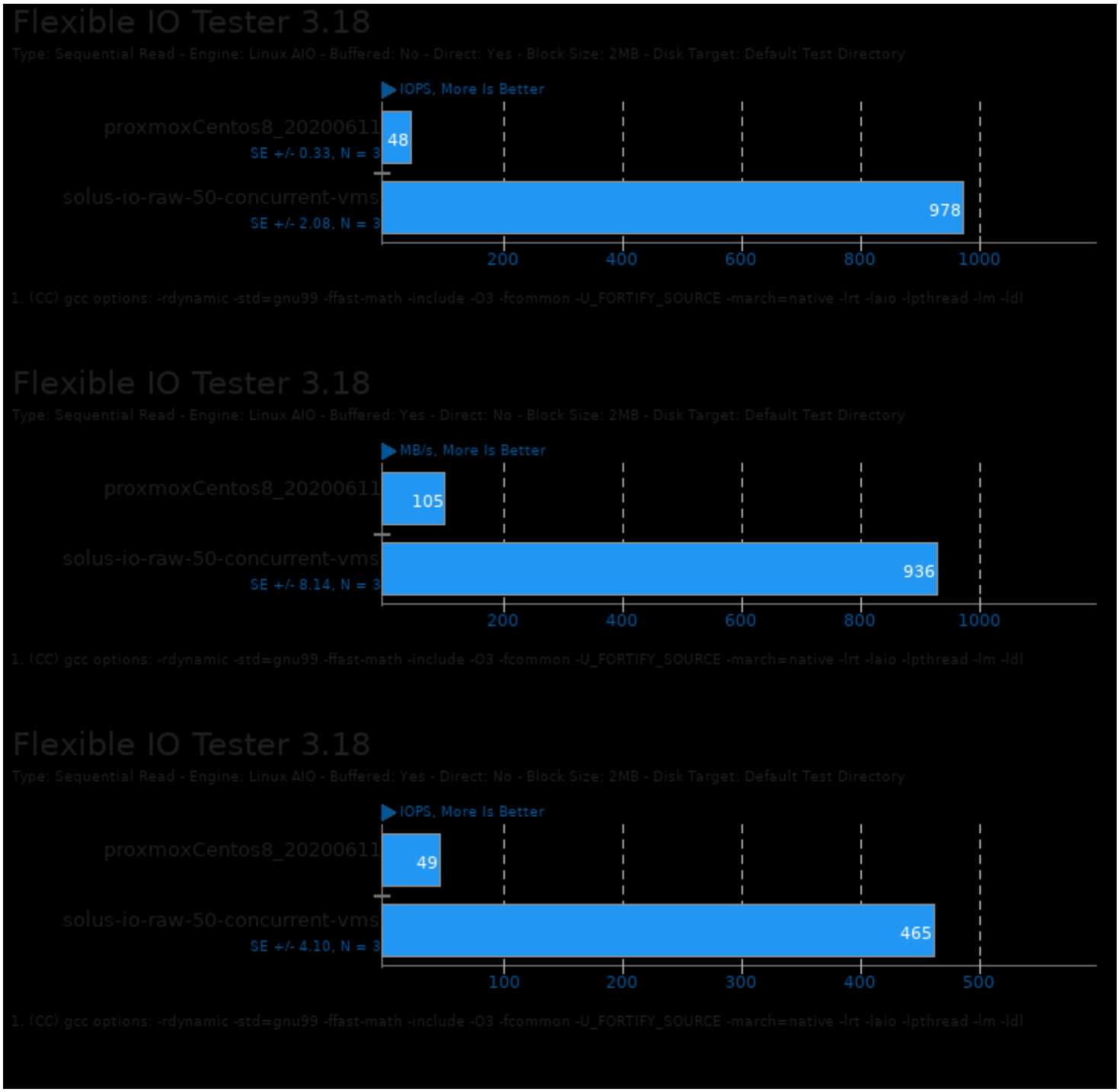

Flexible IO Tester 3.18
Type: Random Write - Engine: POSIX AIO - Buffered: No - Direct: Yes - Block Size: 2MB - Disk Target: Default Test Directory
MB/s, More Is Better
proxmoxCentos8_20200611
SE +/- 0.13, N = 3
85.9
solus-io-raw-50-concurrent-vms
SE +/- 2.52, N = 3
866.0
200
400
600
800
1000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: POSIX AIO - Buffered: No - Direct: Yes - Block Size: 2MB - Disk Target: Default Test Directory
IOPS, More Is Better
proxmoxCentos8_20200611
SE +/- 0.33, N = 3
39
solus-io-raw-50-concurrent-vms
SE +/- 1.20, N = 3
429
90
180
270
360
450
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
MB/s, More Is Better
proxmoxCentos8_20200611
101
solus-io-raw-50-concurrent-vms
SE +/- 7.91, N = 15
743
160
320
480
640
800
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl

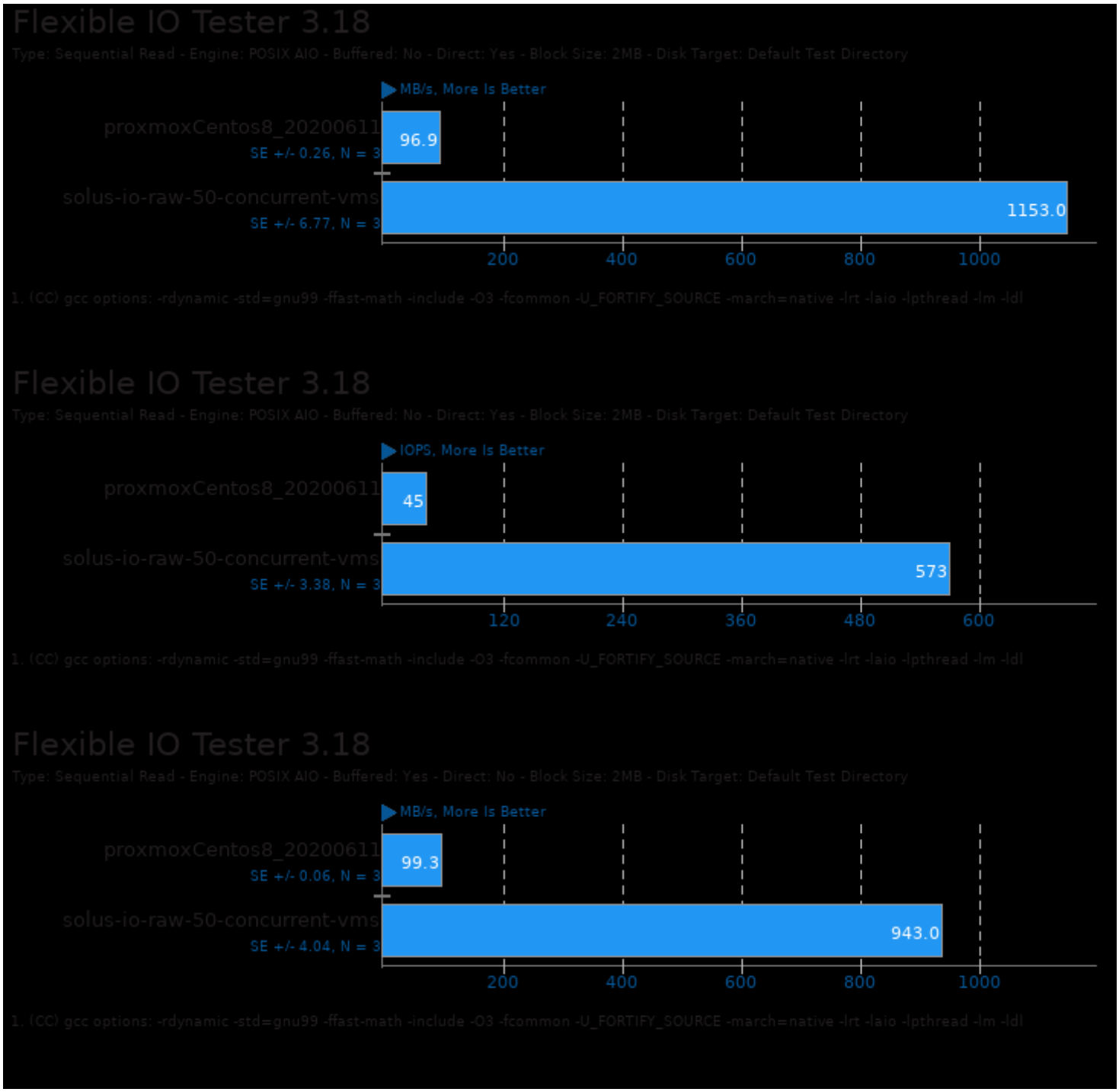

Flexible IO Tester 3.18
Type: Random Write - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
IOPS, More Is Better
proxmoxCentos8_20200611
47
solus-io-raw-50-concurrent-vms
SE +/- 3.94, N = 15
368
80
160
240
320
400
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Sequential Write - Engine: Sync - Buffered: Yes - Direct: Yes - Block Size: 2MB - Disk Target: Default Test Directory
MB/s, More Is Better
proxmoxCentos8_20200611
SE +/- 0.35, N = 3
97.4
solus-io-raw-50-concurrent-vms
SE +/- 5.99, N = 15
722.0
160
320
480
640
800
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Sequential Write - Engine: Sync - Buffered: Yes - Direct: Yes - Block Size: 2MB - Disk Target: Default Test Directory
IOPS, More Is Better
proxmoxCentos8_20200611
SE +/- 0.33, N = 3
48
solus-io-raw-50-concurrent-vms
SE +/- 2.98, N = 15
361
80
160
240
320
400
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl

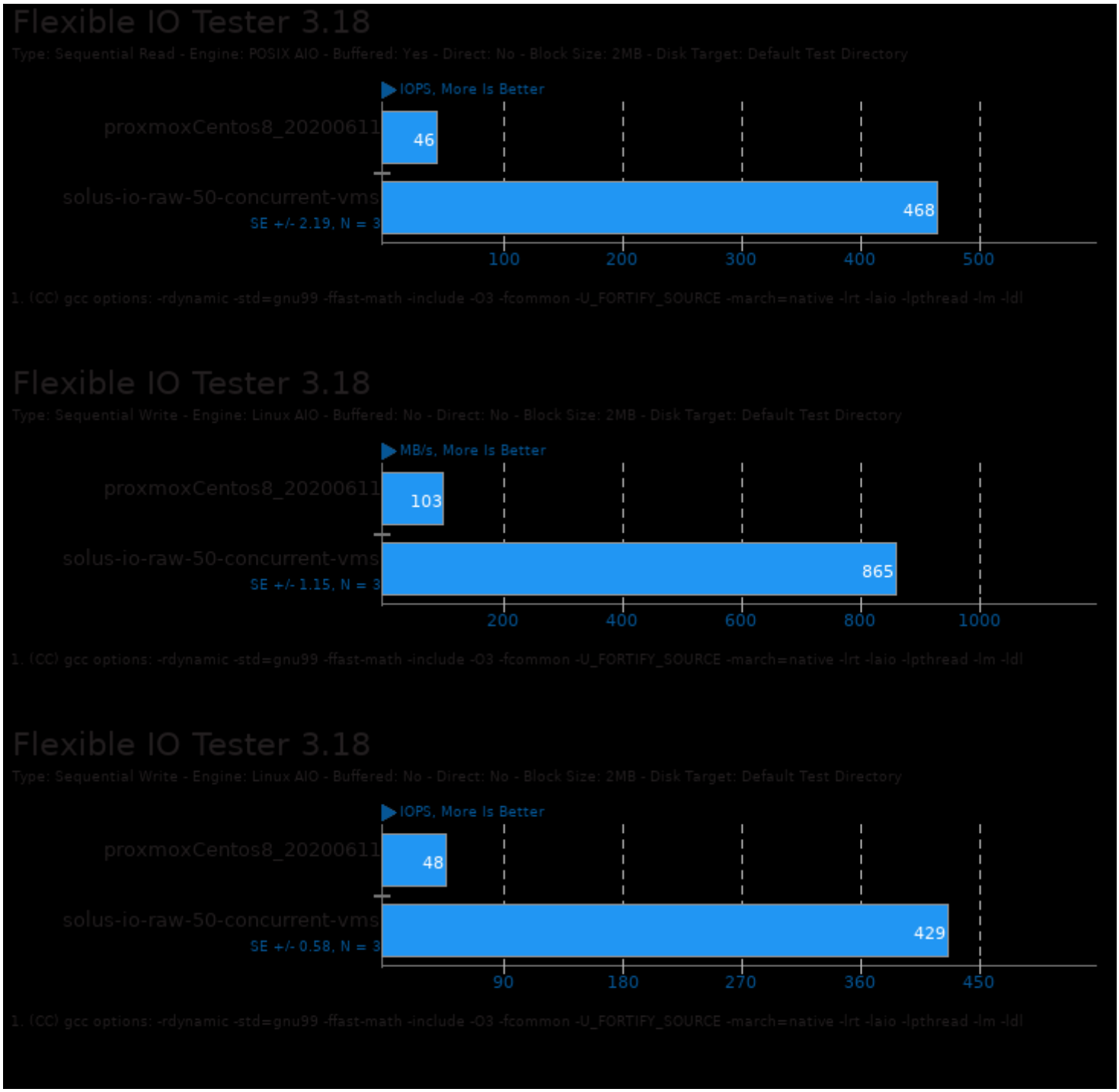

Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 2MB - Disk Target: Default Test Directory
MB/s, More Is Better
proxmoxCentos8_20200611
SE +/- 0.33, N = 3
103
solus-io-raw-50-concurrent-vms
SE +/- 8.43, N = 15
737
160
320
480
640
800
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 2MB - Disk Target: Default Test Directory
IOPS, More Is Better
proxmoxCentos8_20200611
SE +/- 0.33, N = 3
48
solus-io-raw-50-concurrent-vms
SE +/- 4.24, N = 15
365
80
160
240
320
400
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: POSIX AIO - Buffered: Yes - Direct: Yes - Block Size: 2MB - Disk Target: Default Test Directory
MB/s, More Is Better
proxmoxCentos8_20200611
SE +/- 9.03, N = 15
101
solus-io-raw-50-concurrent-vms
SE +/- 9.03, N = 15
739
160
320
480
640
800
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl

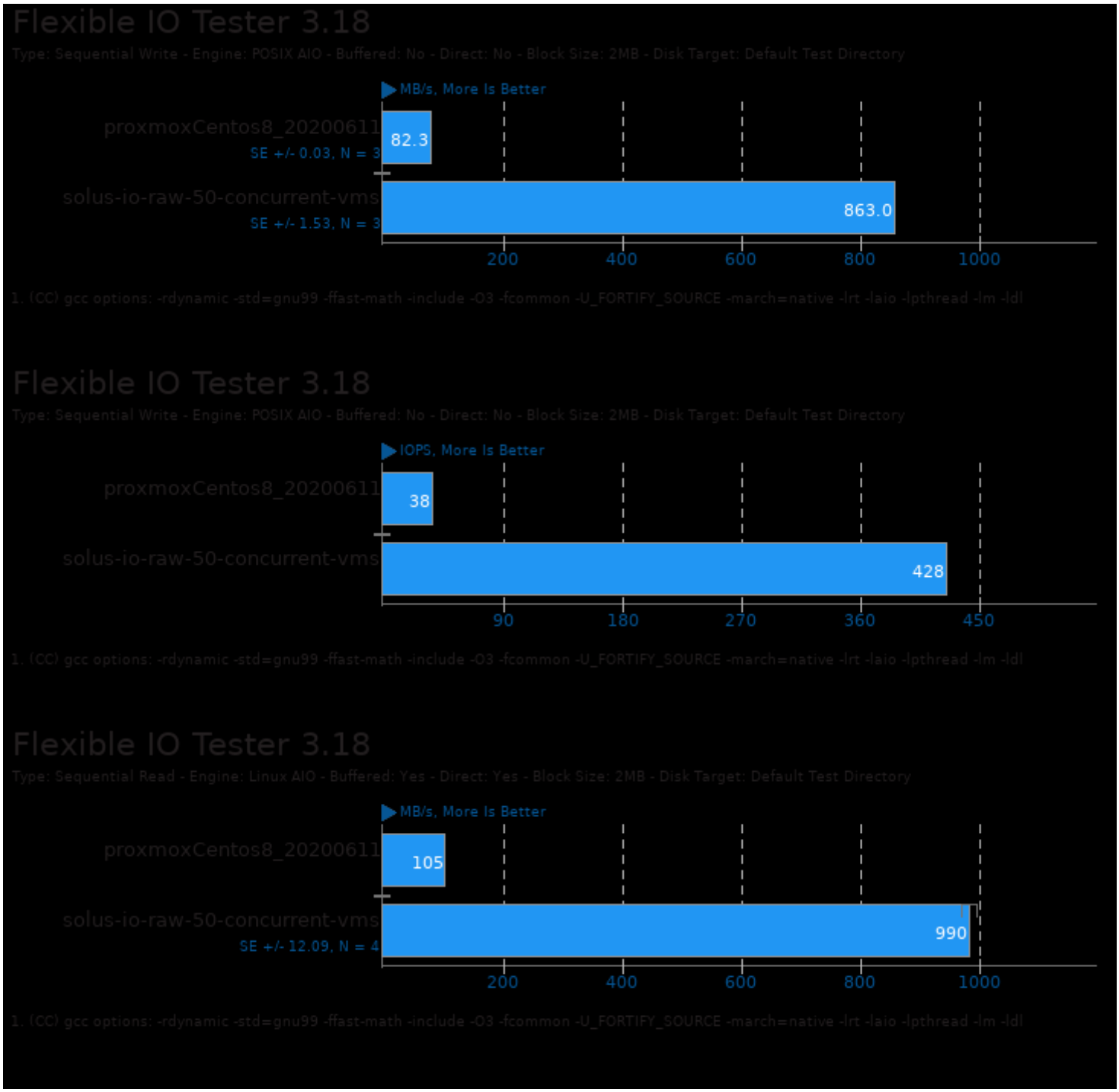

Flexible IO Tester 3.18
Type: Random Write - Engine: POSIX AIO - Buffered: Yes - Direct: Yes - Block Size: 2MB - Disk Target: Default Test Directory
IOPS, More Is Better
proxmoxCentos8_20200611
47
solus-io-raw-50-concurrent-vms
SE +/- 4.52, N = 15
365
80
160
240
320
400
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Sequential Read - Engine: Linux AIO - Buffered: No - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
MB/s, More Is Better
proxmoxCentos8_20200611
SE +/- 0.64, N = 3
100.9
solus-io-raw-50-concurrent-vms
SE +/- 5.21, N = 3
1967.0
400
800
1200
1600
2000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Sequential Read - Engine: Linux AIO - Buffered: No - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
IOPS, More Is Better
proxmoxCentos8_20200611
SE +/- 0.33, N = 3
47
solus-io-raw-50-concurrent-vms
979
200
400
600
800
1000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl

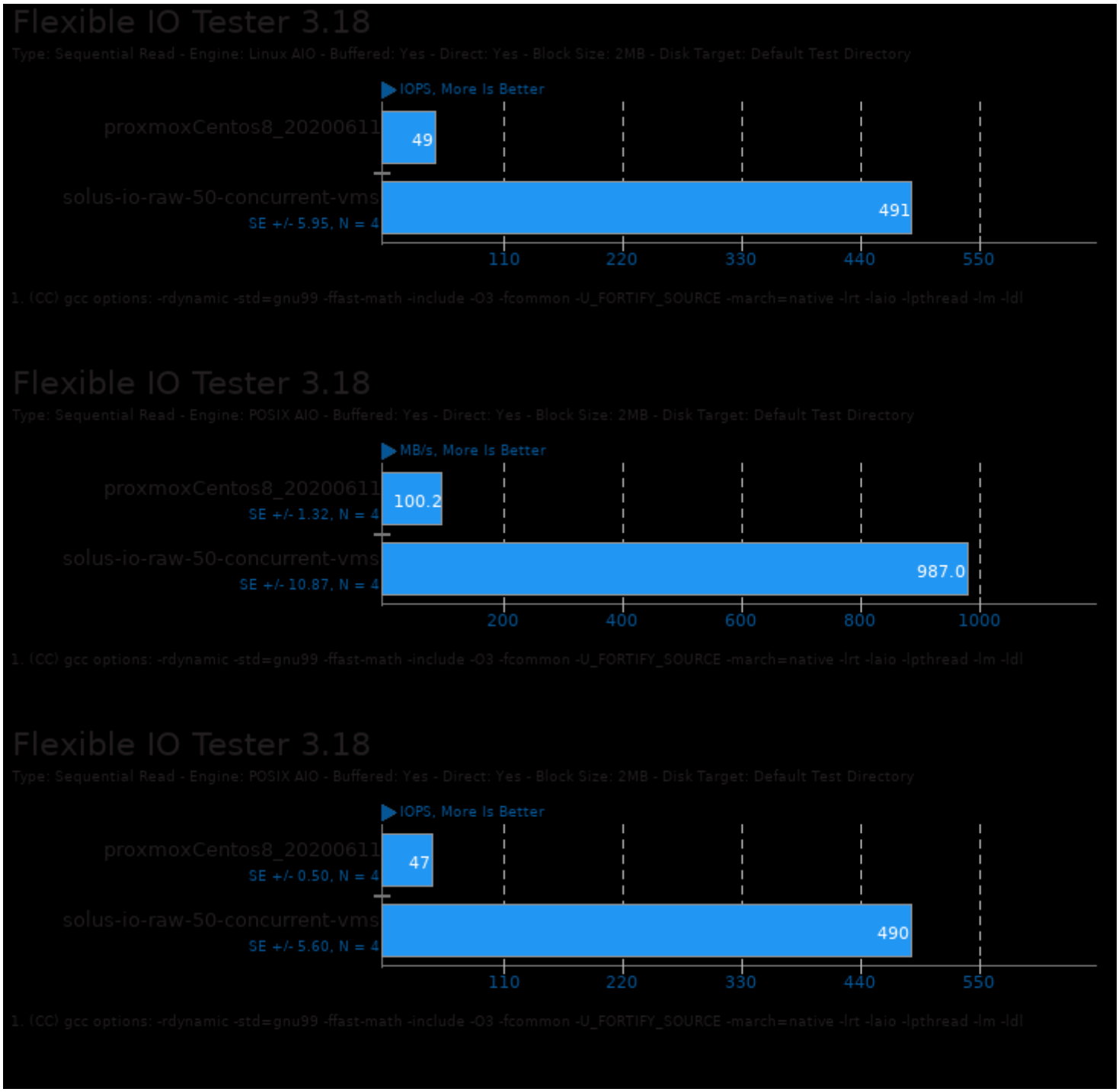

Flexible IO Tester 3.18
Type: Sequential Read - Engine: POSIX AIO - Buffered: No - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
MB/s, More Is Better
proxmoxCentos8_20200611
SE +/- 0.17, N = 3
97.3
solus-io-raw-50-concurrent-vms
SE +/- 7.13, N = 3
1156.0
200
400
600
800
1000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Sequential Read - Engine: POSIX AIO - Buffered: No - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
IOPS, More Is Better
proxmoxCentos8_20200611
45
solus-io-raw-50-concurrent-vms
SE +/- 3.53, N = 3
574
120
240
360
480
600
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Sequential Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 2MB - Disk Target: Default Test Directory
MB/s, More Is Better
proxmoxCentos8_20200611
102
solus-io-raw-50-concurrent-vms
SE +/- 4.73, N = 3
1963
400
800
1200
1600
2000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl

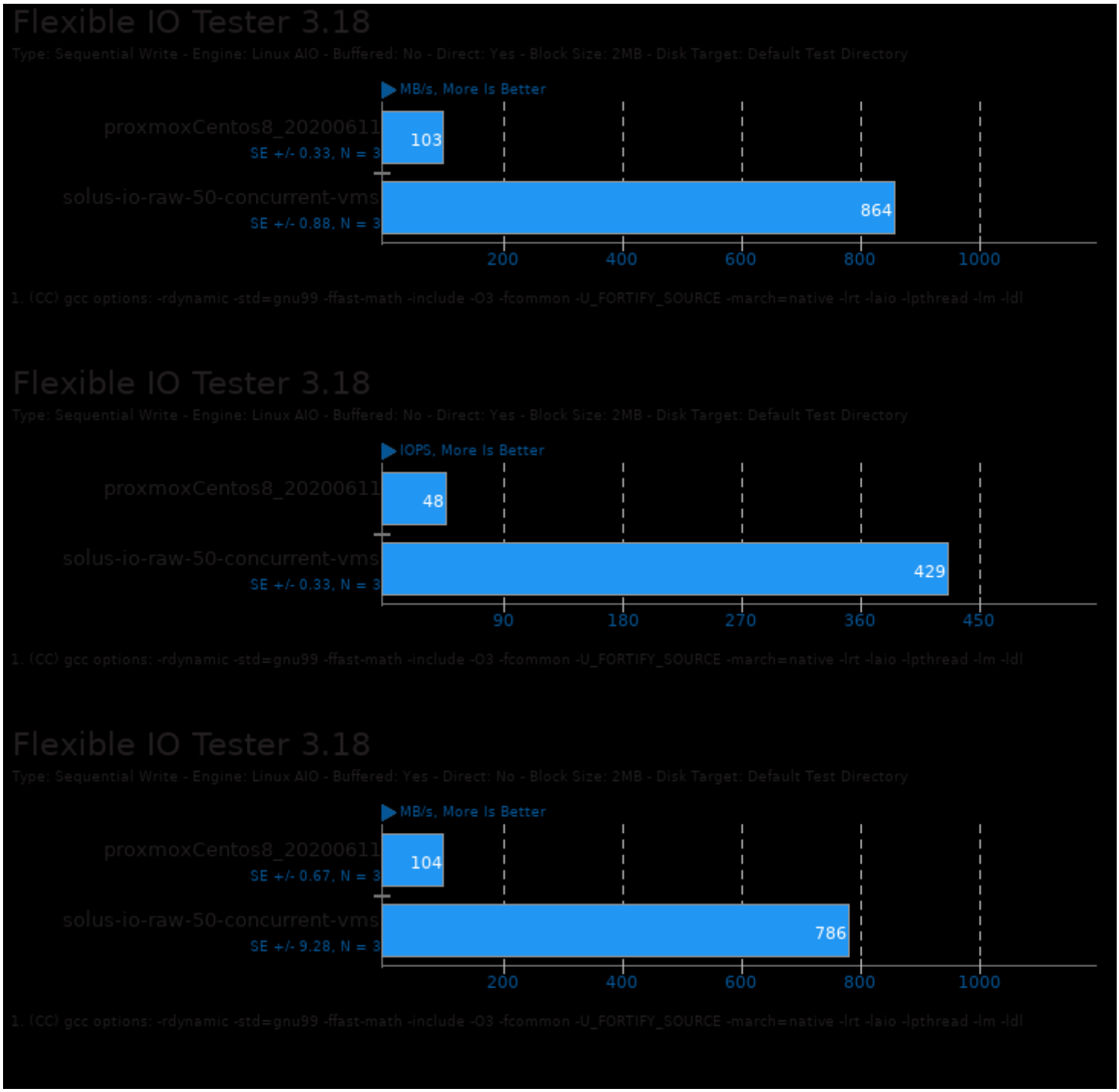

Flexible IO Tester 3.18
Type: Sequential Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 2MB - Disk Target: Default Test Directory
IOPS, More Is Better
proxmoxCentos8_20200611
48
SE +/- 0.33, N = 3
solus-io-raw-50-concurrent-vms
978
SE +/- 2.08, N = 3
200
400
600
800
1000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Sequential Read - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
MB/s, More Is Better
proxmoxCentos8_20200611
105
SE +/- 8.14, N = 3
solus-io-raw-50-concurrent-vms
936
SE +/- 4.10, N = 3
200
400
600
800
1000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Sequential Read - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
IOPS, More Is Better
proxmoxCentos8_20200611
49
SE +/- 4.10, N = 3
solus-io-raw-50-concurrent-vms
465
SE +/- 4.10, N = 3
100
200
300
400
500
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl

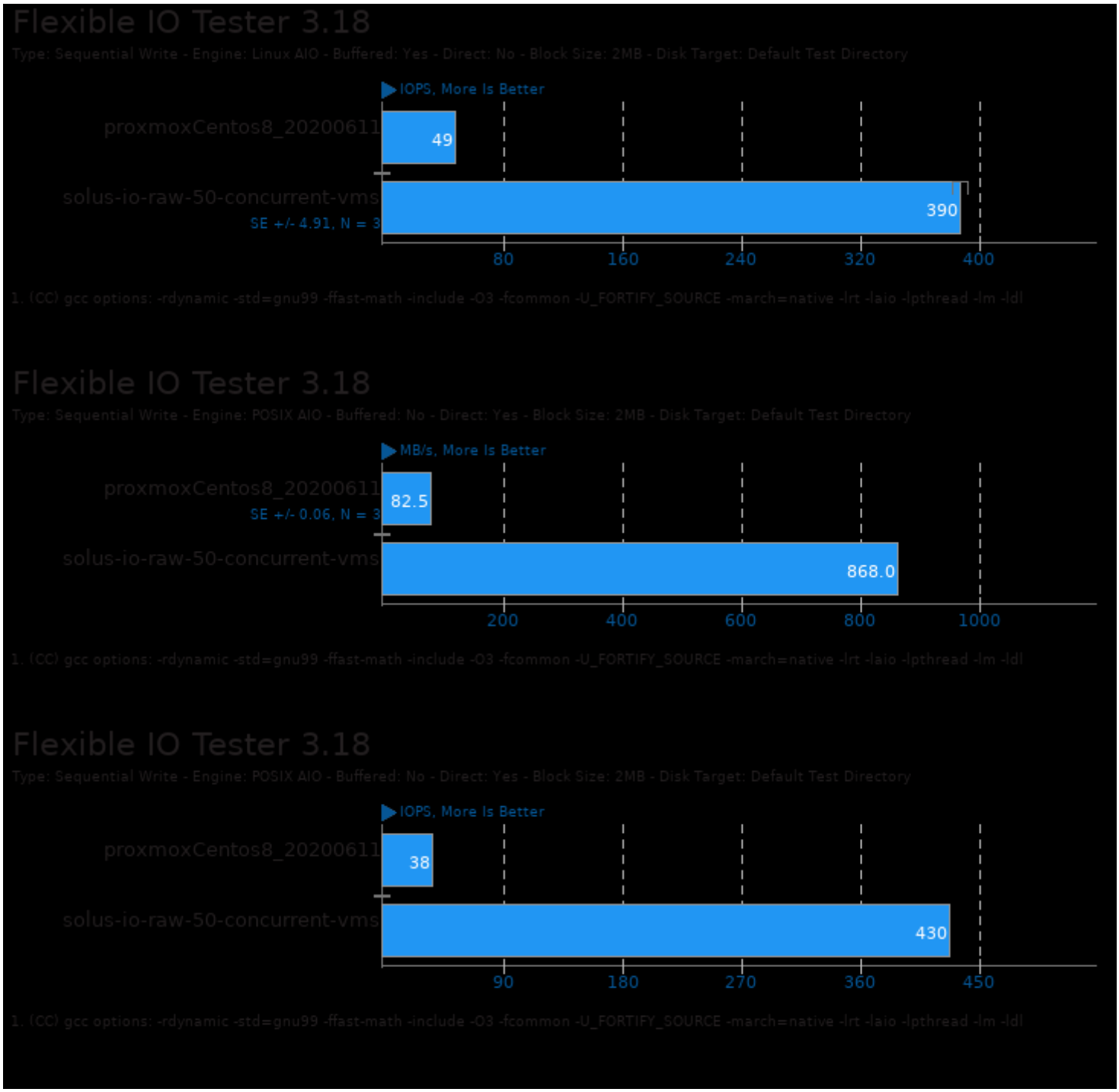

Flexible IO Tester 3.18
Type: Sequential Read - Engine: POSIX AIO - Buffered: No - Direct: Yes - Block Size: 2MB - Disk Target: Default Test Directory
MB/s, More Is Better
proxmoxCentos8_20200611
SE +/- 0.26, N = 3
96.9
solus-io-raw-50-concurrent-vms
SE +/- 6.77, N = 3
1153.0
200
400
600
800
1000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Sequential Read - Engine: POSIX AIO - Buffered: No - Direct: Yes - Block Size: 2MB - Disk Target: Default Test Directory
IOPS, More Is Better
proxmoxCentos8_20200611
45
solus-io-raw-50-concurrent-vms
SE +/- 3.38, N = 3
573
120
240
360
480
600
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Sequential Read - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
MB/s, More Is Better
proxmoxCentos8_20200611
SE +/- 0.06, N = 3
99.3
solus-io-raw-50-concurrent-vms
SE +/- 4.04, N = 3
943.0
200
400
600
800
1000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl

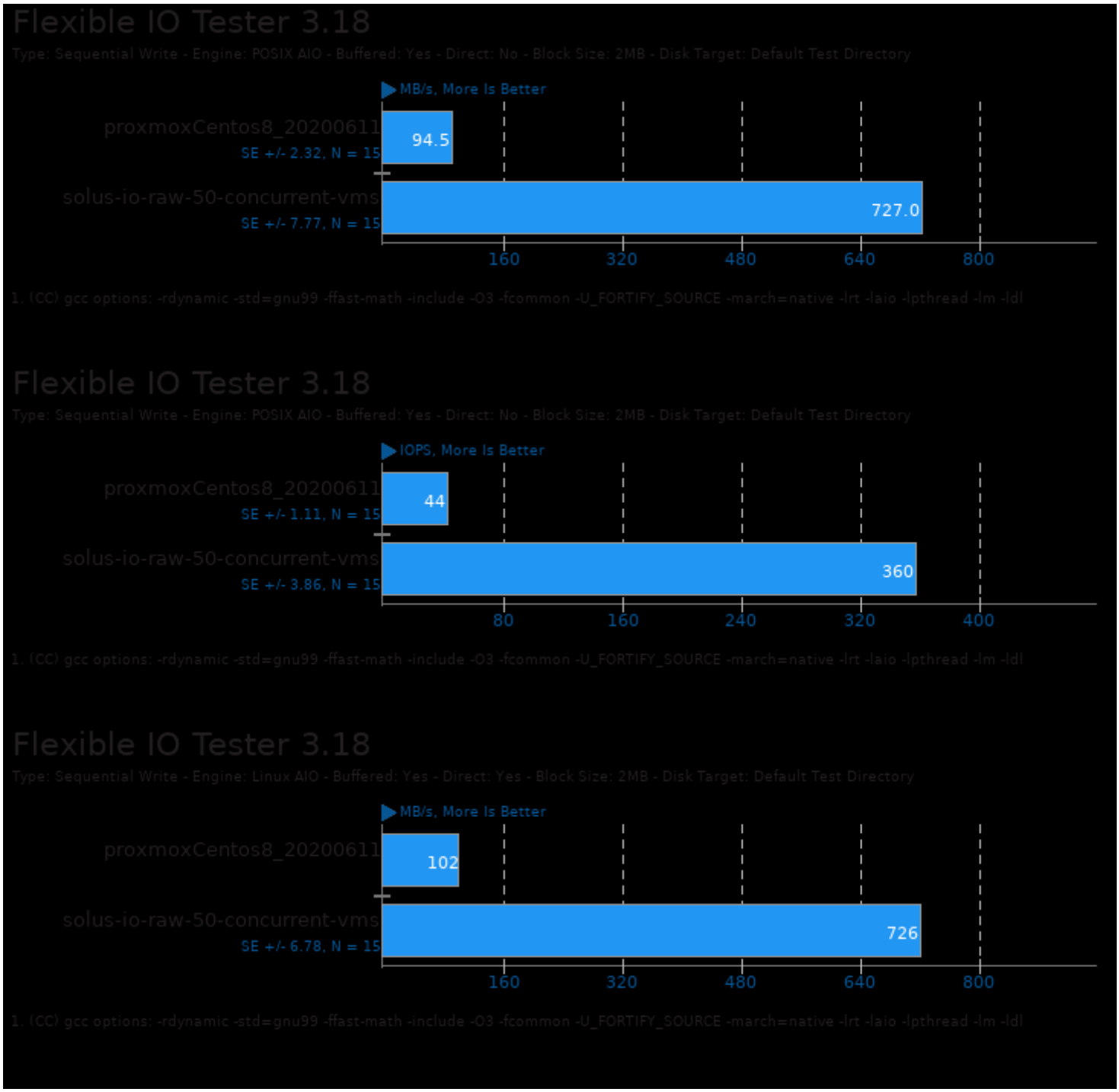

Flexible IO Tester 3.18
Type: Sequential Read - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
IOPS, More Is Better
proxmoxCentos8_20200611
46
solus-io-raw-50-concurrent-vms
468
SE +/- 2.19, N = 3
100
200
300
400
500
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Sequential Write - Engine: Linux AIO - Buffered: No - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
MB/s, More Is Better
proxmoxCentos8_20200611
103
solus-io-raw-50-concurrent-vms
865
SE +/- 1.15, N = 3
200
400
600
800
1000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Sequential Write - Engine: Linux AIO - Buffered: No - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
IOPS, More Is Better
proxmoxCentos8_20200611
48
solus-io-raw-50-concurrent-vms
429
SE +/- 0.58, N = 3
90
180
270
360
450
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl

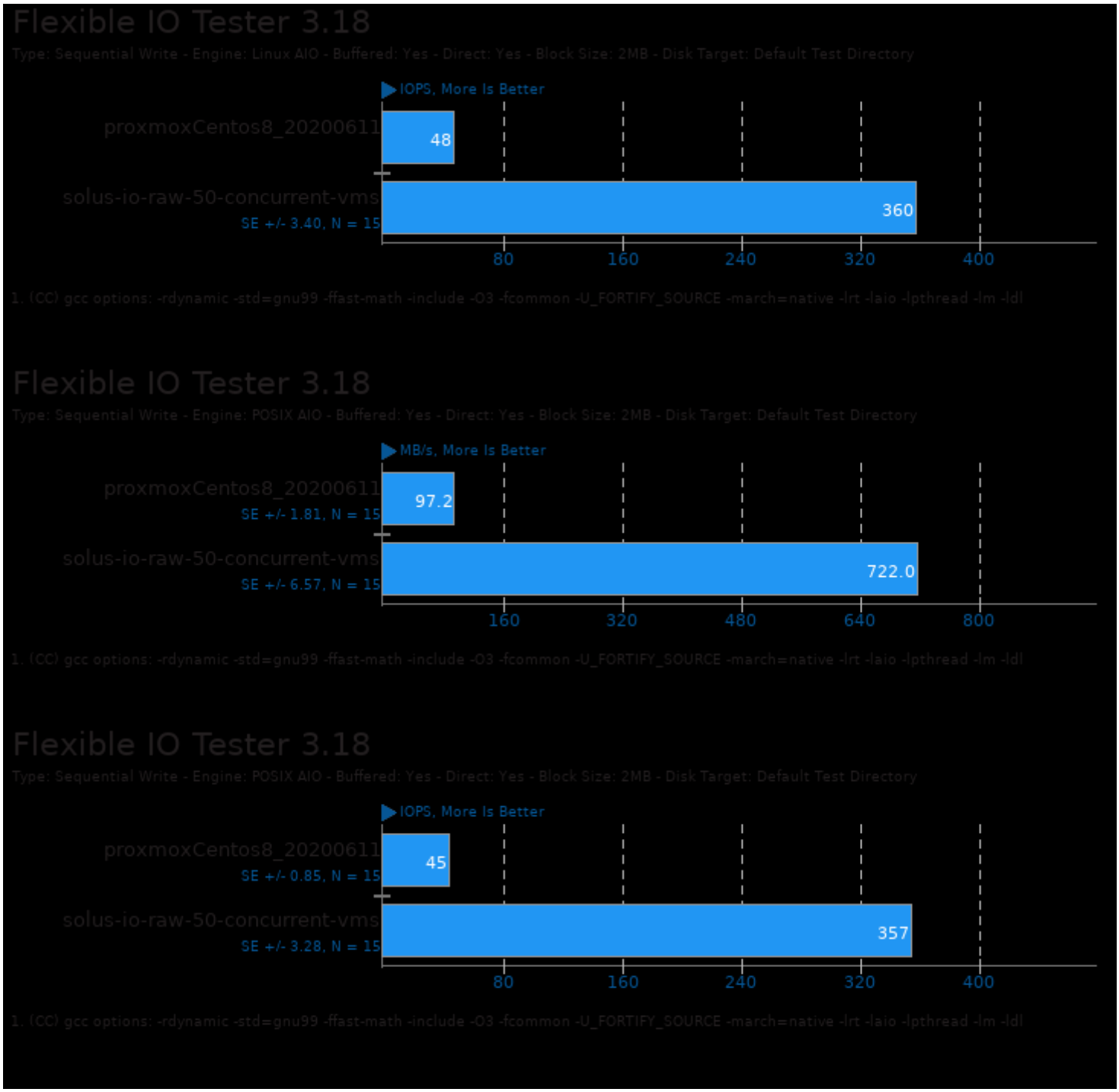

Flexible IO Tester 3.18
Type: Sequential Write - Engine: POSIX AIO - Buffered: No - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
MB/s, More Is Better
proxmoxCentos8_20200611
82.3
SE +/- 0.03, N = 3
solus-io-raw-50-concurrent-vms
863.0
SE +/- 1.53, N = 3
200
400
600
800
1000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Sequential Write - Engine: POSIX AIO - Buffered: No - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
IOPS, More Is Better
proxmoxCentos8_20200611
38
solus-io-raw-50-concurrent-vms
428
90
180
270
360
450
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Sequential Read - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 2MB - Disk Target: Default Test Directory
MB/s, More Is Better
proxmoxCentos8_20200611
105
solus-io-raw-50-concurrent-vms
990
SE +/- 12.09, N = 4
200
400
600
800
1000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl


Flexible IO Tester 3.18
Type: Sequential Read - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 2MB - Disk Target: Default Test Directory
IOPS, More Is Better
proxmoxCentos8_20200611
49
solus-io-raw-50-concurrent-vms
SE +/- 5.95, N = 4
491
110
220
330
440
550
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Sequential Read - Engine: POSIX AIO - Buffered: Yes - Direct: Yes - Block Size: 2MB - Disk Target: Default Test Directory
MB/s, More Is Better
proxmoxCentos8_20200611
100.2
SE +/- 1.32, N = 4
solus-io-raw-50-concurrent-vms
SE +/- 10.87, N = 4
987.0
200
400
600
800
1000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Sequential Read - Engine: POSIX AIO - Buffered: Yes - Direct: Yes - Block Size: 2MB - Disk Target: Default Test Directory
IOPS, More Is Better
proxmoxCentos8_20200611
47
SE +/- 0.50, N = 4
solus-io-raw-50-concurrent-vms
SE +/- 5.60, N = 4
490
110
220
330
440
550
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl


Flexible IO Tester 3.18
Type: Sequential Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 2MB - Disk Target: Default Test Directory
MB/s, More Is Better
proxmoxCentos8_20200611
SE +/- 0.33, N = 3
103
solus-io-raw-50-concurrent-vms
SE +/- 0.88, N = 3
864
200
400
600
800
1000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Sequential Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 2MB - Disk Target: Default Test Directory
IOPS, More Is Better
proxmoxCentos8_20200611
48
solus-io-raw-50-concurrent-vms
SE +/- 0.33, N = 3
429
90
180
270
360
450
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Sequential Write - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
MB/s, More Is Better
proxmoxCentos8_20200611
SE +/- 0.67, N = 3
104
solus-io-raw-50-concurrent-vms
SE +/- 9.28, N = 3
786
200
400
600
800
1000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl


Flexible IO Tester 3.18
Type: Sequential Write - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
IOPS, More Is Better
proxmoxCentos8_20200611
49
solus-io-raw-50-concurrent-vms
390
SE +/- 4.91, N = 3
80
160
240
320
400
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Sequential Write - Engine: POSIX AIO - Buffered: No - Direct: Yes - Block Size: 2MB - Disk Target: Default Test Directory
MB/s, More Is Better
proxmoxCentos8_20200611
82.5
SE +/- 0.06, N = 3
solus-io-raw-50-concurrent-vms
868.0
200
400
600
800
1000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Sequential Write - Engine: POSIX AIO - Buffered: No - Direct: Yes - Block Size: 2MB - Disk Target: Default Test Directory
IOPS, More Is Better
proxmoxCentos8_20200611
38
solus-io-raw-50-concurrent-vms
430
90
180
270
360
450
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl


Flexible IO Tester 3.18
Type: Sequential Write - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
MB/s, More Is Better
proxmoxCentos8_20200611
SE +/- 2.32, N = 15
94.5
solus-io-raw-50-concurrent-vms
SE +/- 7.77, N = 15
727.0
160
320
480
640
800
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Sequential Write - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
IOPS, More Is Better
proxmoxCentos8_20200611
SE +/- 1.11, N = 15
44
solus-io-raw-50-concurrent-vms
SE +/- 3.86, N = 15
360
80
160
240
320
400
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Sequential Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 2MB - Disk Target: Default Test Directory
MB/s, More Is Better
proxmoxCentos8_20200611
102
solus-io-raw-50-concurrent-vms
SE +/- 6.78, N = 15
726
160
320
480
640
800
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl



This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 06:48.