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fgcloud-vscloud-ch01-2013121102

Xen 3.4.2 Hypervisor testing on Debian 6.0.7 via the Phoronix Test Suite.

Automated Executive Summary

fgcloud-hetzner-vq7-2013121301 had the most wins, coming in first place for 54% of the tests.

Based on the geometric mean of all complete results, the fastest (fgcloud-a24vps512-2014011601) was 4.721x the speed of the slowest (fgcloud-linode-2013121301).

Test Systems:

fgcloud-vscloud-ch01-2013121102

Processor: AMD Opteron 6174 @ 2361.44GHz (1 Core), Memory: 1024MB, Disk: 10GB

OS: Debian 6.0.7, Kernel: 2.6.32-5-amd64 (x86_64), Compiler: GCC 4.4.5, File-System: ext4, System Layer: Xen 3.4.2 Hypervisor

Compiler Notes: --build=x86_64-linux-gnu --enable-checking=release --enable-clocale=gnu --enable-languages=c,c++,fortran,objc,obj-c++ --enable-libstdcxx-debug --enable-multiarch --enable-nls --enable-objc-gc --enable-shared --enable-threads=posix --host=x86_64-linux-gnu --target=x86_64-linux-gnu --with-arch-32=i586 --with-tune=generic -v
Disk Mount Options Notes: data=ordered,errors=remount-ro,noatime,rw

fgcloud-hetzner-vq7-2013121301

Processor: QEMU Virtual 1.0 @ 3.40GHz (1 Core), Motherboard: Bochs, Chipset: Red Hat Virtio, Memory: 1 x 512 MB RAM, Disk: 20GB, Graphics: Cirrus Logic GD 5446, Network: Realtek RTL-8139/8139C/8139C+

OS: Ubuntu 12.04, Kernel: 3.8.0-33-generic (x86_64), Compiler: GCC 4.6, File-System: ext3, System Layer: QEMU 1.0

Compiler Notes: --build=x86_64-linux-gnu --disable-werror --enable-checking=release --enable-clocale=gnu --enable-gnu-unique-object --enable-languages=c,c++,fortran,objc,obj-c++ --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-nls --enable-objc-gc --enable-plugin --enable-shared --enable-threads=posix --host=x86_64-linux-gnu --target=x86_64-linux-gnu --with-arch-32=i686 --with-tune=generic -v
Disk Notes: NOOP / acl,barrier=1,data=ordered,errors=continue,relatime,rw,user_xattr
System Notes: Disk Scheduler: NOOP.

fgcloud-wedos-2013121601

Processor: QEMU Virtual @ 1.80GHz (1 Core), Motherboard: Red Hat KVM, Chipset: Red Hat Virtio, Memory: 1 x 512 MB RAM, Disk: 15GB, Graphics: Cirrus Logic GD 5446, Network: Red Hat Virtio device

OS: Ubuntu 12.04, Kernel: 3.2.0-23-generic (x86_64), Compiler: GCC 4.6, File-System: ext4, Screen Resolution: 800x600, System Layer: QEMU

Compiler Notes: --build=x86_64-linux-gnu --disable-werror --enable-checking=release --enable-clocale=gnu --enable-gnu-unique-object --enable-languages=c,c++,fortran,objc,obj-c++ --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-nls --enable-objc-gc --enable-plugin --enable-shared --enable-threads=posix --host=x86_64-linux-gnu --target=x86_64-linux-gnu --with-arch-32=i686 --with-tune=generic -v
Disk Notes: CFQ / barrier=1,data=ordered,errors=remount-ro,relatime,rw,user_xattr
System Notes: Disk Scheduler: CFQ.

fgcloud-hosting90-vps-basic-2013121601

Processor: QEMU Virtual 0.12.1 @ 3.60GHz (1 Core), Motherboard: HOSTING90 s s.r.o. Virtual server v2.1, Chipset: Red Hat Virtio, Memory: 1 x 2048 MB RAM, Disk: 23GB, Graphics: Cirrus Logic GD 5446, Network: Red Hat Virtio device

OS: Ubuntu 12.04, Kernel: 3.2.0-23-generic (x86_64), Compiler: GCC 4.6, File-System: ext4, Screen Resolution: 800x600, System Layer: QEMU 0.12.1

Compiler Notes: --build=x86_64-linux-gnu --disable-werror --enable-checking=release --enable-clocale=gnu --enable-gnu-unique-object --enable-languages=c,c++,fortran,objc,obj-c++ --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-nls --enable-objc-gc --enable-plugin --enable-shared --enable-threads=posix --host=x86_64-linux-gnu --target=x86_64-linux-gnu --with-arch-32=i686 --with-tune=generic -v
Disk Notes: CFQ / barrier=1,data=ordered,errors=remount-ro,relatime,rw,user_xattr
System Notes: Disk Scheduler: CFQ.

fgcloud-ovh-classic-2013121701

Processor: AMD Opteron 6172 @ 2.10GHz (1 Core), Memory: 512MB, Disk: 25GB

OS: Ubuntu 12.04, Kernel: 2.6.32-042stab081.8 (x86_64), Compiler: GCC 4.6, File-System: ext2/ext3

Compiler Notes: --build=x86_64-linux-gnu --disable-werror --enable-checking=release --enable-clocale=gnu --enable-gnu-unique-object --enable-languages=c,c++,fortran,objc,obj-c++ --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-nls --enable-objc-gc --enable-plugin --enable-shared --enable-threads=posix --host=x86_64-linux-gnu --target=x86_64-linux-gnu --with-arch-32=i686 --with-tune=generic -v
Disk Mount Options Notes: relatime,rw

fgcloud-rack-nv-2013121301

Processor: AMD Opteron 4332 HE @ 3.00GHz (1 Core), Memory: 489MB, Disk: 20GB

OS: Ubuntu 12.04, Kernel: 3.2.0-55-virtual (x86_64), Compiler: GCC 4.6, File-System: ext3, System Layer: Xen 4.1.3 Hypervisor

Compiler Notes: --build=x86_64-linux-gnu --disable-werror --enable-checking=release --enable-clocale=gnu --enable-gnu-unique-object --enable-languages=c,c++,fortran,objc,obj-c++ --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-nls --enable-objc-gc --enable-plugin --enable-shared --enable-threads=posix --host=x86_64-linux-gnu --target=x86_64-linux-gnu --with-arch-32=i686 --with-tune=generic -v
Disk Notes: DEADLINE / acl,barrier=0,data=ordered,errors=remount-ro,noatime,rw,user_xattr
System Notes: Disk Scheduler: DEADLINE.

fgcloud-casablanca-2014011701

Processor: AMD Opteron 6276 @ 2.30GHz (1 Core), Motherboard: Intel 440BX, Chipset: Intel 440BX/ZX/DX, Memory: 1 x 1024 MB DRAM, Disk: 21GB Virtual disk, Graphics: VMware SVGA II, Network: Intel 82545EM Gigabit

OS: Debian 6.0.8, Kernel: 2.6.32-5-amd64 (x86_64), Compiler: GCC 4.4.5, File-System: ext4, System Layer: VMware

Compiler Notes: --build=x86_64-linux-gnu --enable-checking=release --enable-clocale=gnu --enable-languages=c,c++,fortran,objc,obj-c++ --enable-libstdcxx-debug --enable-multiarch --enable-nls --enable-objc-gc --enable-shared --enable-threads=posix --host=x86_64-linux-gnu --target=x86_64-linux-gnu --with-arch-32=i586 --with-tune=generic -v
Disk Notes: CFQ / barrier=1,data=ordered,errors=remount-ro,relatime,rw
System Notes: Disk Scheduler: CFQ.

fgcloud-fg-vh01-2013121301

Processor: Intel Core 2 Duo T7700 @ 2.40GHz (4 Cores), Motherboard: Bochs, Chipset: Red Hat Virtio, Memory: 1 x 2048 MB RAM, Disk: 10GB, Graphics: Cirrus Logic GD 5446, Network: Red Hat Virtio device

OS: Ubuntu 12.04, Kernel: 3.2.0-57-generic (x86_64), Compiler: GCC 4.6, File-System: ext4, Screen Resolution: 800x600

Compiler Notes: --build=x86_64-linux-gnu --disable-werror --enable-checking=release --enable-clocale=gnu --enable-gnu-unique-object --enable-languages=c,c++,fortran,objc,obj-c++ --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-nls --enable-objc-gc --enable-plugin --enable-shared --enable-threads=posix --host=x86_64-linux-gnu --target=x86_64-linux-gnu --with-arch-32=i686 --with-tune=generic -v
Disk Notes: CFQ / acl,barrier=1,data=ordered,errors=remount-ro,relatime,rw,user_xattr
System Notes: Disk Scheduler: CFQ.

fgcloud-linode-2013121301

Processor: Intel Xeon E5-2670 0 @ 2.60GHz (8 Cores), Memory: 1024MB, Disk: 47GB

OS: Ubuntu 12.04, Kernel: 3.11.6-x86_64-linode35 (x86_64), Compiler: GCC 4.6, File-System: ext3, System Layer: Xen 4.1.6-rc1 Hypervisor

Compiler Notes: --build=x86_64-linux-gnu --disable-werror --enable-checking=release --enable-clocale=gnu --enable-gnu-unique-object --enable-languages=c,c++,fortran,objc,obj-c++ --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-nls --enable-objc-gc --enable-plugin --enable-shared --enable-threads=posix --host=x86_64-linux-gnu --target=x86_64-linux-gnu --with-arch-32=i686 --with-tune=generic -v
Disk Mount Options Notes: barrier=0,data=writeback,errors=remount-ro,noatime,rw

fgcloud-a24vps512-2014011601

Processor: 2 x Intel Xeon E5620 @ 2.40GHz (4 Cores), Memory: 512MB, Disk: 20GB

OS: Ubuntu 12.04, Kernel: 2.6.32-042stab081.5 (i686), Compiler: GCC 4.6, File-System: ext2/ext3

Compiler Notes: --build=i686-linux-gnu --disable-werror --enable-checking=release --enable-clocale=gnu --enable-gnu-unique-object --enable-languages=c,c++,fortran,objc,obj-c++ --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-nls --enable-objc-gc --enable-plugin --enable-shared --enable-targets=all --enable-threads=posix --host=i686-linux-gnu --target=i686-linux-gnu --with-arch-32=i686 --with-tune=generic -v

Disk Mount Options Notes: relatime,rw

fgcloud-axfone-vhost7-2013121202

Processor: QEMU Virtual @ 2.00GHz (1 Core), Motherboard: Red Hat KVM, Chipset: Red Hat Virtio, Memory: 1 x 512 MB RAM, Disk: 21GB QEMU HDD, Graphics: Cirrus Logic GD 5446, Network: Realtek RTL-8139/8139C/8139C+

OS: Debian 6.0.8, Kernel: 2.6.32-5-amd64 (x86_64), Compiler: GCC 4.4.5, File-System: ext3, System Layer: QEMU

Compiler Notes: --build=x86_64-linux-gnu --enable-checking=release --enable-clocale=gnu --enable-languages=c,c++,fortran,objc,obj-c++ --enable-libstdcxx-debug --enable-multiarch --enable-nls --enable-objc-gc --enable-shared --enable-threads=posix --host=x86_64-linux-gnu --target=x86_64-linux-gnu --with-arch-32=i586 --with-tune=generic -v
Disk Notes: CFQ / data=ordered,errors=remount-ro,relatime,rw
System Notes: Disk Scheduler: CFQ.

fgcloud-digioce-do01-2013121301

Processor: QEMU Virtual 1.4.0 @ 2.00GHz (1 Core), Motherboard: Bochs, Chipset: Intel 440FX- 82441FX PMC, Memory: 1 x 512 MB RAM, Disk: 20GB, Graphics: VMware SVGA II, Network: Red Hat Virtio device

OS: Ubuntu 12.04, Kernel: 3.2.0-23-virtual (x86_64), Compiler: GCC 4.6, File-System: ext4, System Layer: QEMU 1.4.0

Compiler Notes: --build=x86_64-linux-gnu --disable-werror --enable-checking=release --enable-clocale=gnu --enable-gnu-unique-object --enable-languages=c,c++,fortran,objc,obj-c++ --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-nls --enable-objc-gc --enable-plugin --enable-shared --enable-threads=posix --host=x86_64-linux-gnu --target=x86_64-linux-gnu --with-arch-32=i686 --with-tune=generic -v
Disk Mount Options Notes: acl,barrier=1,data=ordered,errors=remount-ro,relatime,rw,user_xattr

fgcloud-virtualmaster-2014011701

Processor: Intel Xeon E5620 @ 2.40GHz (4 Cores), Memory: 493MB, Disk: 6GB

OS: Debian 7.3, Kernel: 3.2.0-4-amd64 (x86_64), Compiler: GCC 4.7, File-System: ext3, System Layer: Xen 4.1.2 Hypervisor

Compiler Notes: --build=x86_64-linux-gnu --enable-checking=release --enable-clocale=gnu --enable-gnu-unique-object --enable-languages=c,c++,go,fortran,objc,obj-c++ --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-nls --enable-objc-gc --enable-plugin --enable-shared --enable-threads=posix --host=x86_64-linux-gnu --target=x86_64-linux-gnu --with-arch-32=i586 --with-tune=generic -v
Disk Notes: CFQ / barrier=0,data=ordered,errors=continue,relatime,rw
System Notes: Disk Scheduler: CFQ.

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FS-Mark - 1.F.1.S (Files/s)	41.42	58.22	49.02	16.93	29.58	138.22	16.38	105.95	53.33	**226.63**	67.53	78.78	**14.63**
Normalized	18.28%	25.69%	21.63%	7.47%	13.05%	60.99%	7.23%	46.75%	23.53%	100%	29.8%	34.76%	6.46%
Standard Deviation	56.2%	13.2%	12.4%	8.4%	20.2%	21.9%	72.8%	9.6%	8.7%	2.9%	7.3%	5.1%	23.5%

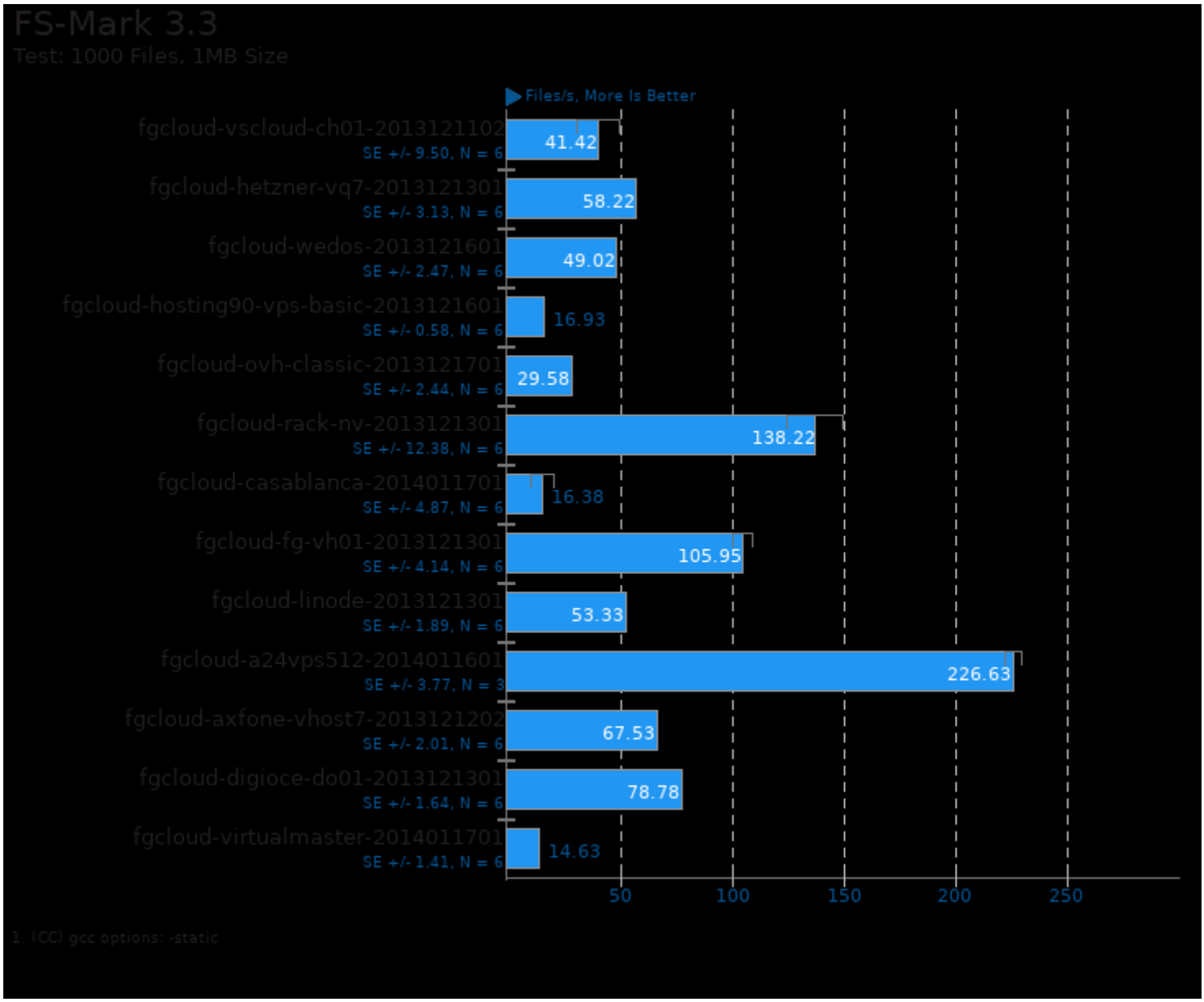
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FS-Mark - 1.F.1.S.N.S.F (Files/s)	132.45	141.95	**417.87**	317.23	126.20	195.83	260.70	186.12	79.73	397.50	92.32	308.52	**24.32**
Normalized	31.7%	33.97%	100%	75.92%	30.2%	46.86%	62.39%	44.54%	19.08%	95.13%	22.09%	73.83%	5.82%
Standard Deviation	31.2%	5.6%	18.1%	1.4%	4.8%	12.3%	79.8%	18.2%	5.1%	3.5%	20.1%	11%	19.2%
SciMark - Composite (Mflops)	345.11	**981.95**	585.46	781.97	298.61	543.12	384.79	537.93	**144.51**	700.87	391.07	460.67	334.73
Normalized	35.15%	100%	59.62%	79.63%	30.41%	55.31%	39.19%	54.78%	14.72%	71.38%	39.83%	46.91%	34.09%
Standard Deviation	12.2%	2.5%	0.1%	2.8%	3%	1.1%	2.3%	2.8%	21.4%	0.6%	3.4%	12.1%	1.5%
GZIP Decompression - JDK7 - T.t.d.J (sec)	32.93	**18.86**	38.02	22.24	35.66	24.56	33.37	26.89	**115.51**	26.60	42.36	37.06	34.79
Normalized	57.27%	100%	49.61%	84.8%	52.89%	76.79%	56.52%	70.14%	16.33%	70.9%	44.52%	50.89%	54.21%
Standard Deviation	4.6%	1.9%	0.1%	0.4%	1%	0.7%	0.2%	0.3%	12.3%	1.1%	3.4%	5.7%	4.3%
TAR + GZIP Compression - JDK7 - T.t.c.J (sec)	35.23	**19.90**	40.41	24.08	43.56	34.49	46.42	29.82	**91.05**	28.25	51.46	39.81	38.87
Normalized	56.49%	100%	49.25%	82.64%	45.68%	57.7%	42.87%	66.73%	21.86%	70.44%	38.67%	49.99%	51.2%
Standard Deviation	0.4%	2.2%	0.7%	0.9%	20.3%	2.1%	3.3%	0.9%	12.6%	0.7%	4.1%	3%	15.3%
Compile FG Nginx package - T.t.c.F.N.p	44.54	**23.81**	41.05	28.13	58.94	40.93	40.38	36.34	**199.50**	33.82	50.61	52.92	60.23
Normalized	53.46%	100%	58%	84.64%	40.4%	58.17%	58.96%	65.52%	11.93%	70.4%	47.05%	44.99%	39.53%
Standard Deviation	2.7%	11.1%	1%	2.1%	3.2%	3.3%	6.6%	1.1%	11.9%	3.1%	10%	7.8%	1.3%
Gzip Compression - 2.F.C (sec)	37.25	39.18	28.41	22.84	43.18	23.25	40.66	21.86	**129.27**	**18.80**	68.79	36.60	52.13
Normalized	50.47%	47.98%	66.17%	82.31%	43.54%	80.86%	46.24%	86%	14.54%	100%	27.33%	51.37%	36.06%
Standard Deviation	19%	16%	0.4%	4.2%	30.9%	1.1%	17.4%	2%	5.2%	0.6%	7.3%	8.1%	11.6%
HTTP Request (ab) - Nginx - http, keepalive (rq/s)	8578	18244	11245	17953	9949	11168	15526	11163	**2267**	**19734**	8585	8089	11181
Normalized	43.47%	92.45%	56.98%	90.98%	50.42%	56.59%	78.68%	56.57%	11.49%	100%	43.5%	40.99%	56.66%
Standard Deviation	0.3%	4.9%	1.6%	2.9%	3.3%	0.9%	3%	5.6%	11.8%	0.8%	1.2%	11.6%	6.9%
HTTP Request (ab) - Nginx - https, keepalive (rq/s)	2852	**8267**	4498	7135	3630	5582	3247	6348	**1028**	5258	2265	2831	5330
Normalized	34.5%	100%	54.41%	86.31%	43.91%	67.52%	39.27%	76.79%	12.44%	63.6%	27.4%	34.25%	64.46%
Standard Deviation	1.1%	2.3%	0.7%	1.6%	0.5%	1.2%	1.7%	2.3%	9.4%	1%	3.2%	10.2%	7%
HTTP Request (ab) - Tomcat - wd.jsp, keepalive (rq/s)	1337	2300	1561	1913		1541		3249	1165	**5610**	1115	**968.47**	3171
Normalized	23.83%	41%	27.82%	34.11%		27.47%		57.92%	20.77%	100%	19.87%	17.26%	56.53%
Standard Deviation	28.8%	32.3%	32.7%	24.9%		31.6%		13%	19%	7.1%	24.7%	31.3%	25.7%

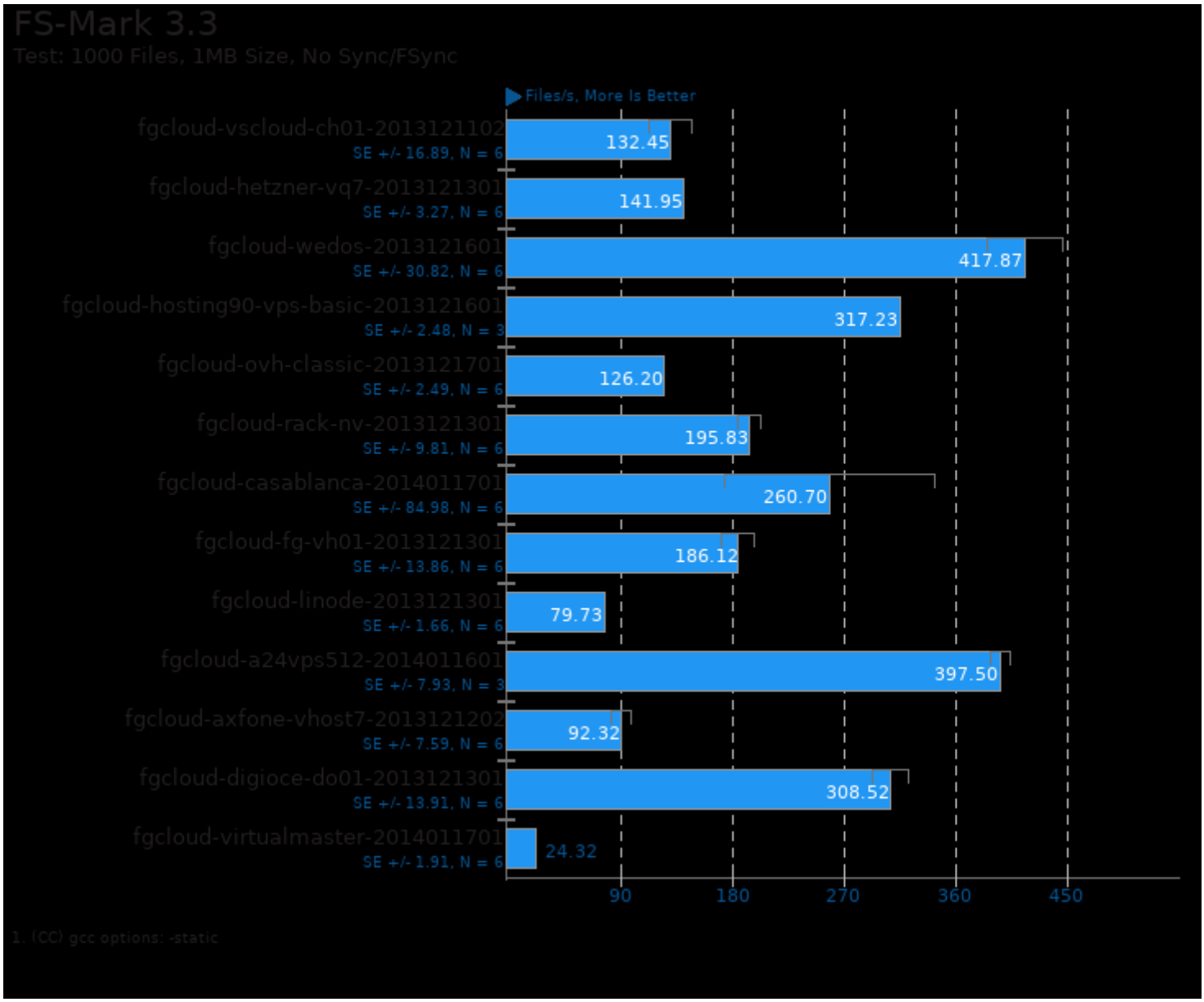
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HTTP Request (ab) - Nginx - h.n.k (rq/s)	80.77	**346.90**	178.00	273.97	153.81	222.46	80.89	271.34	**45.63**	96.52	60.85	108.66	143.43
Normalized	23.28%	100%	51.31%	78.98%	44.34%	64.13%	23.32%	78.22%	13.15%	27.82%	17.54%	31.32%	41.35%
Standard Deviation	0.3%	3.4%	0.5%	1.4%	1.5%	0.5%	1.4%	2.8%	0.7%	0.2%	12.4%	16.3%	5.2%

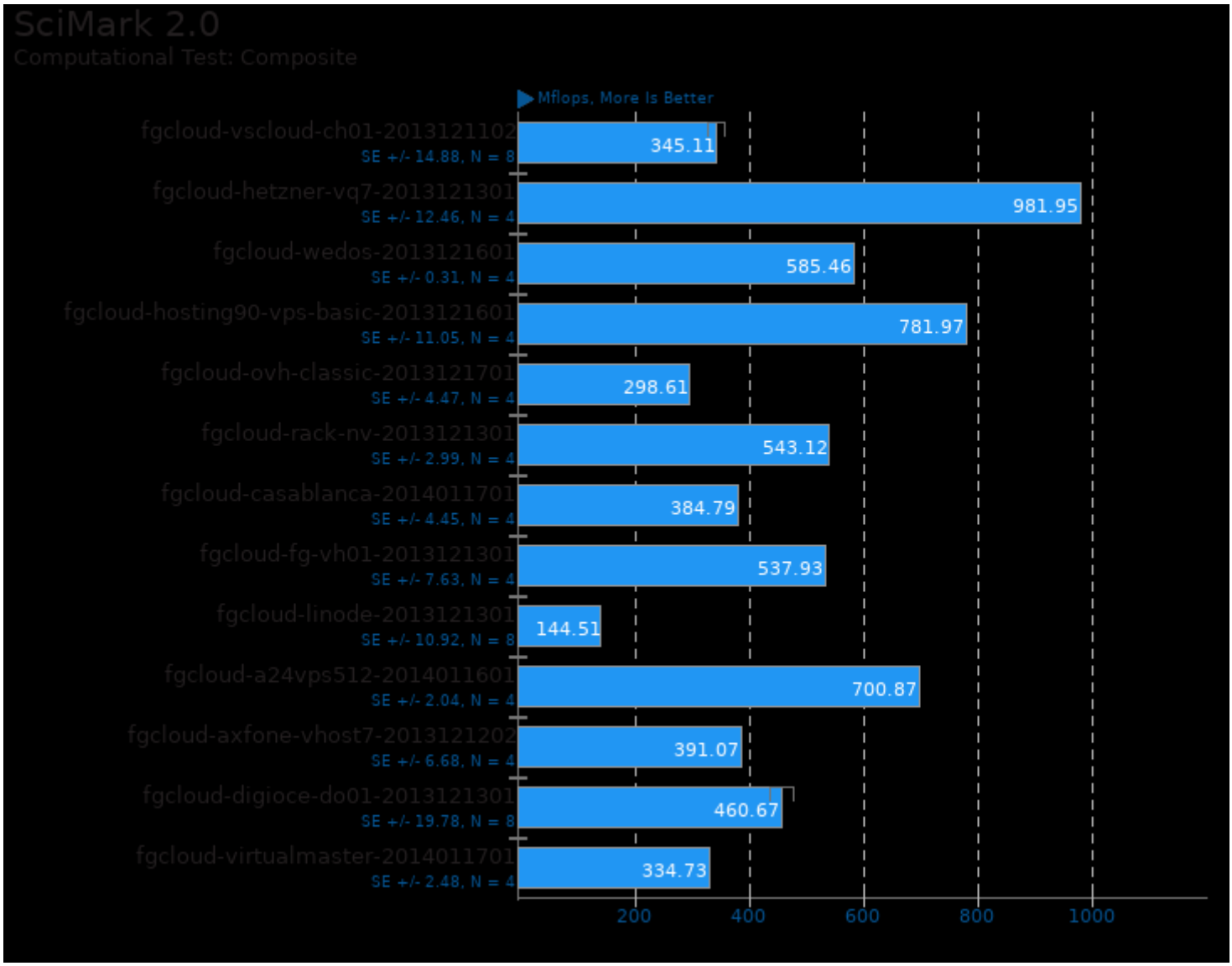
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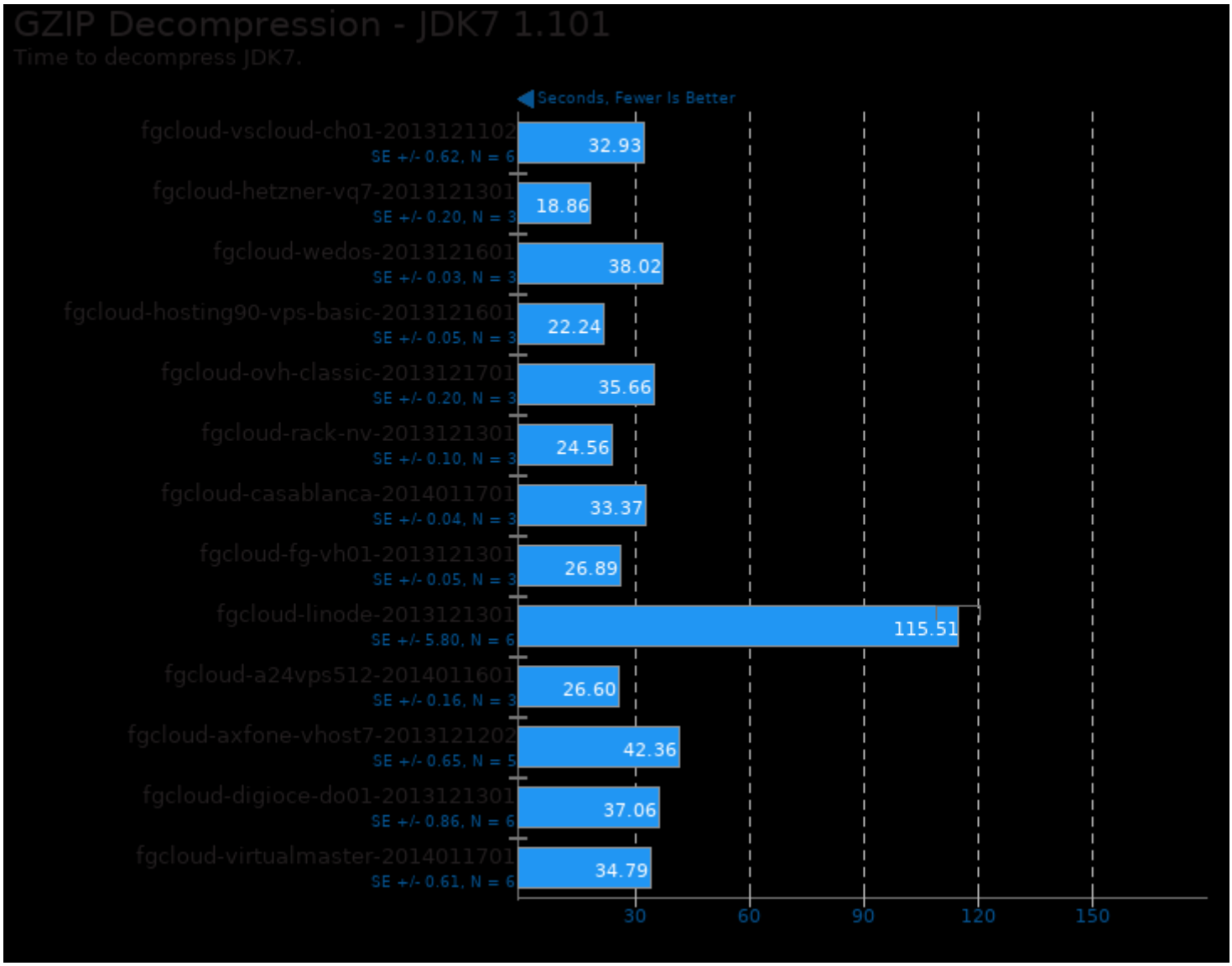
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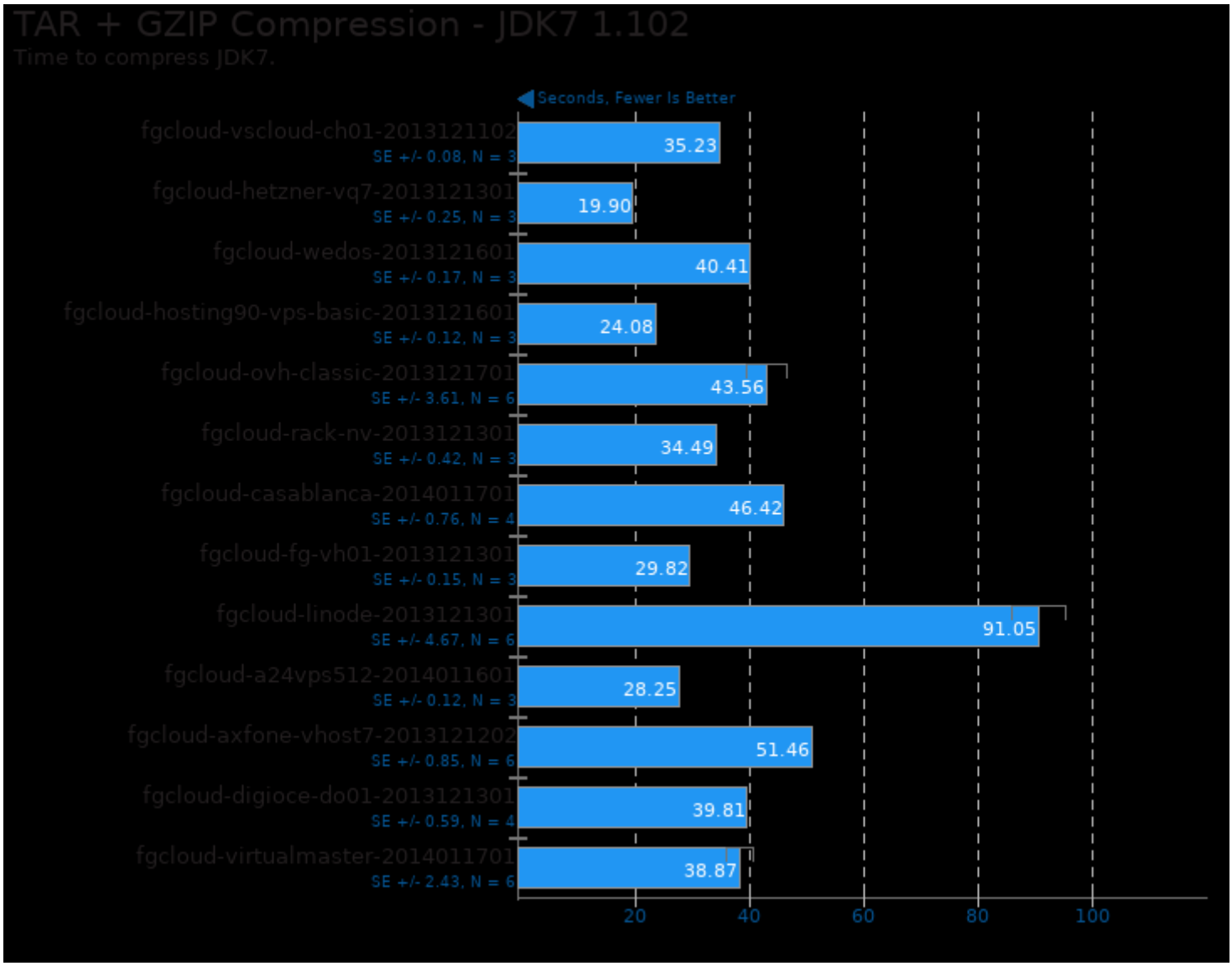
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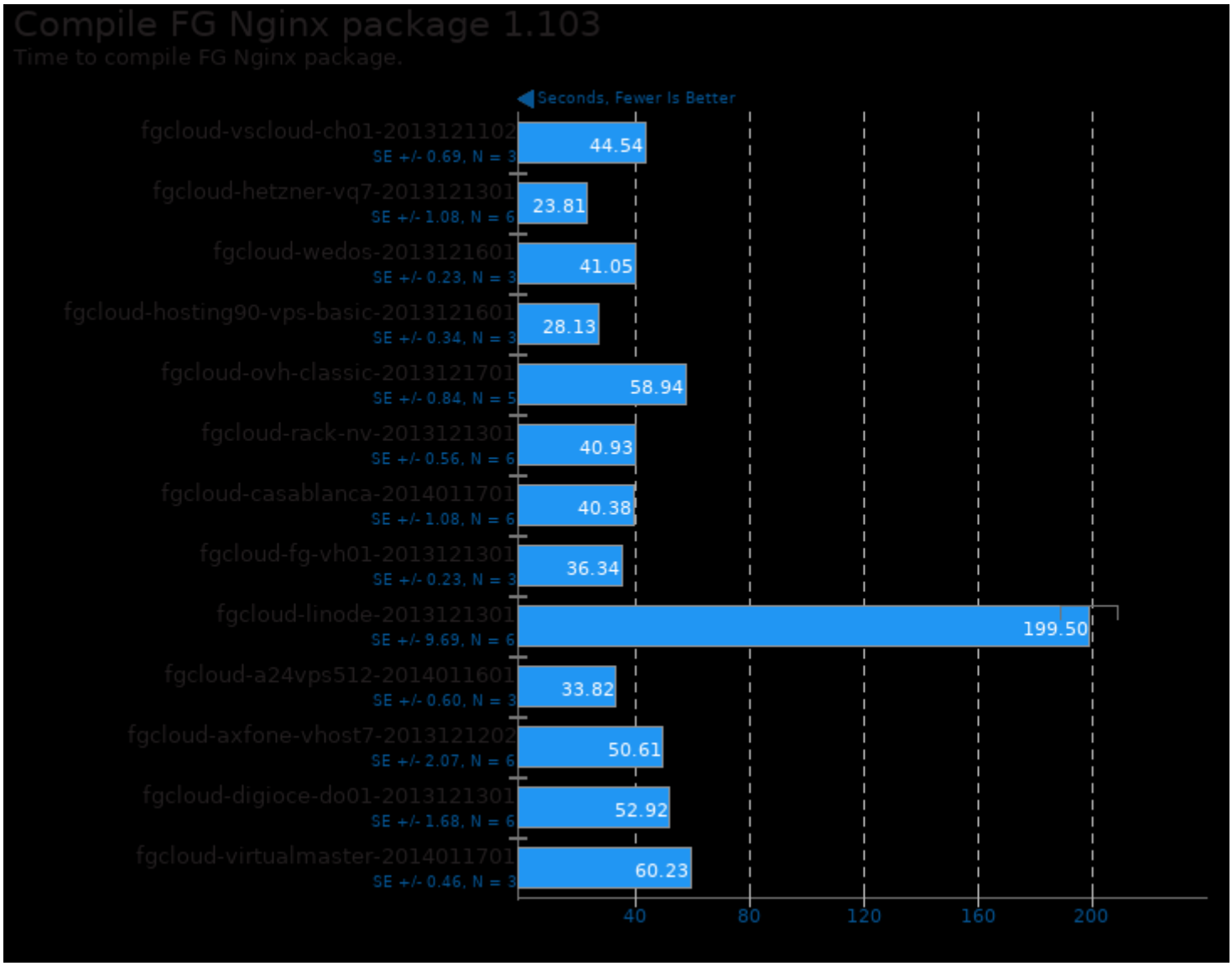
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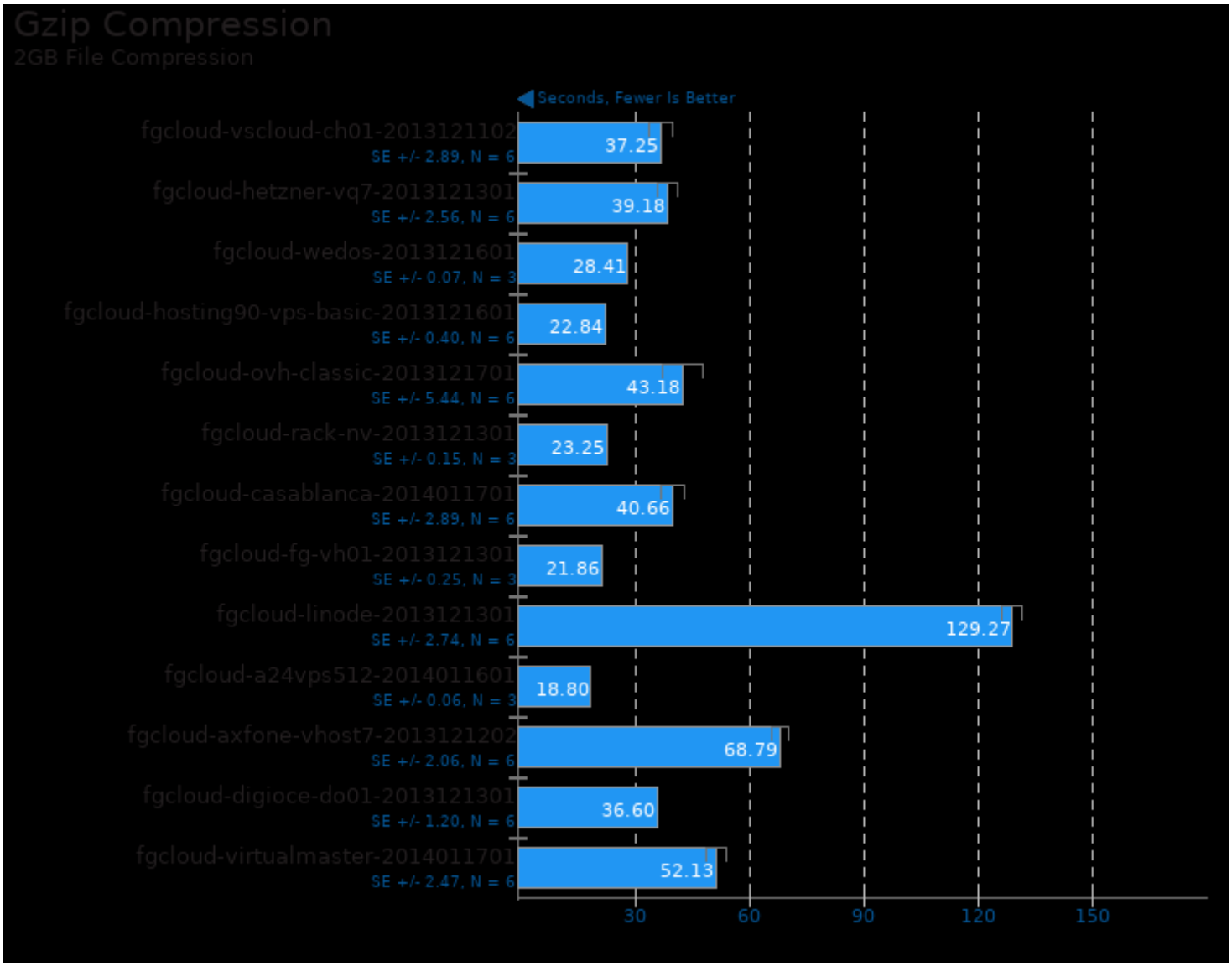
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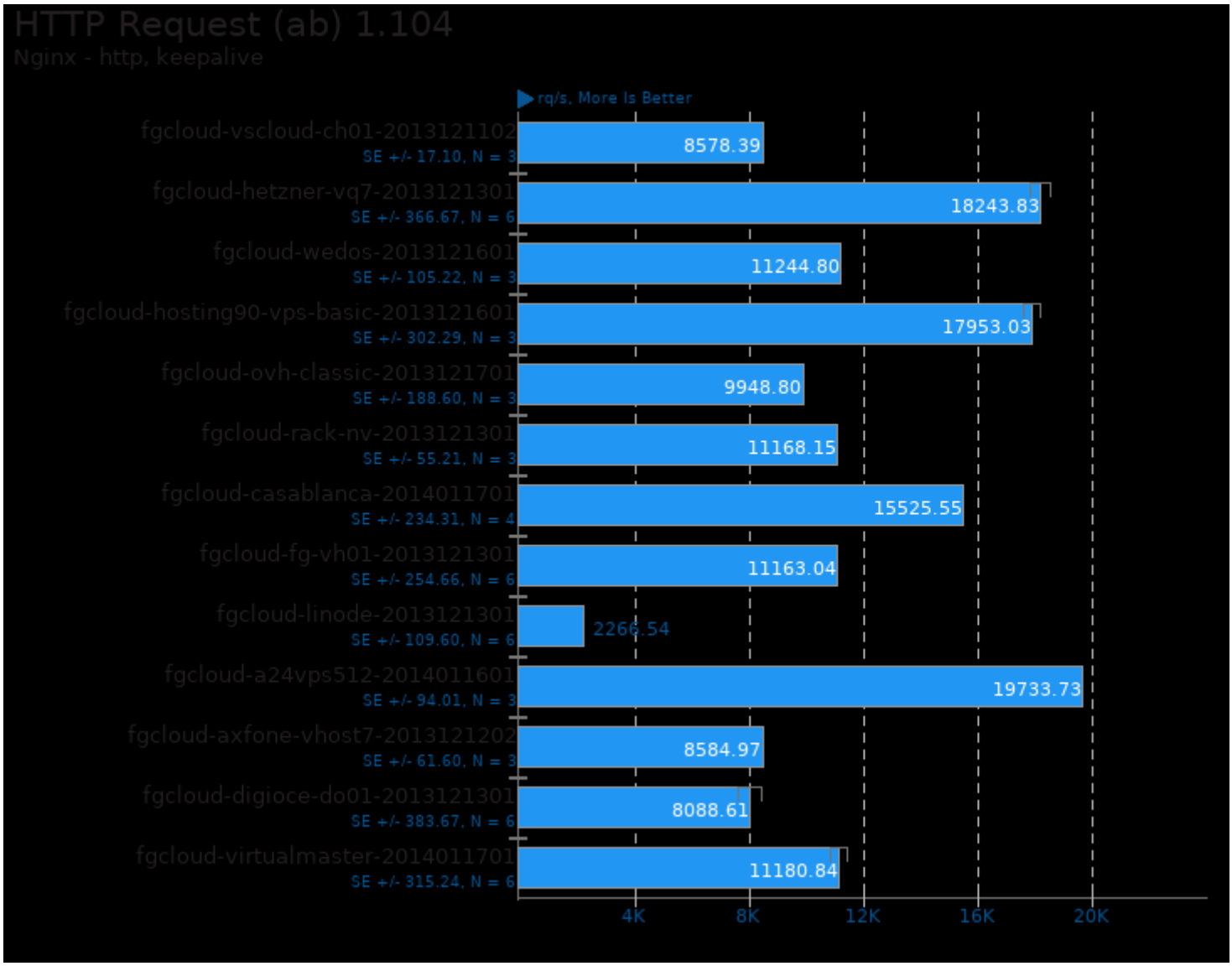
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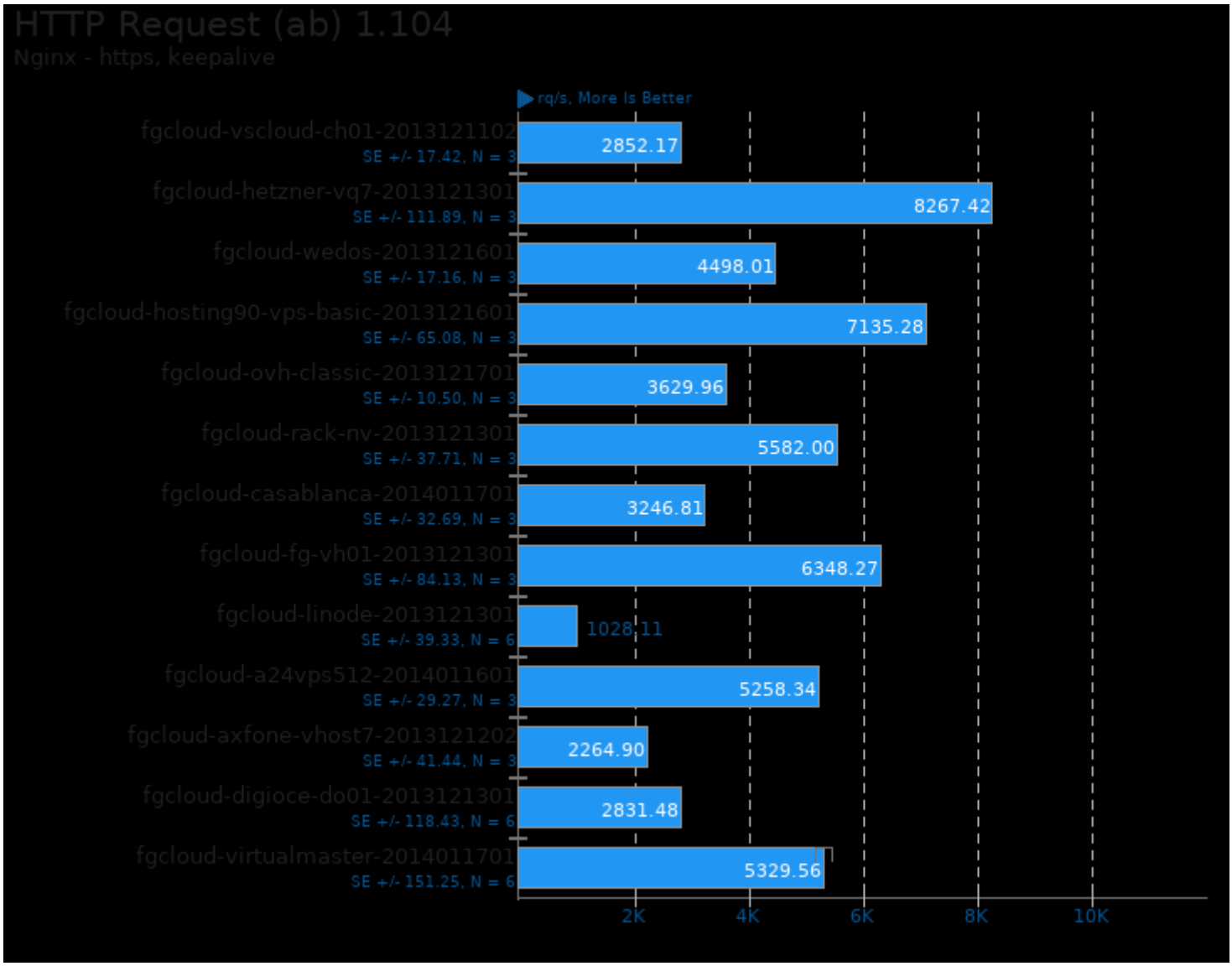


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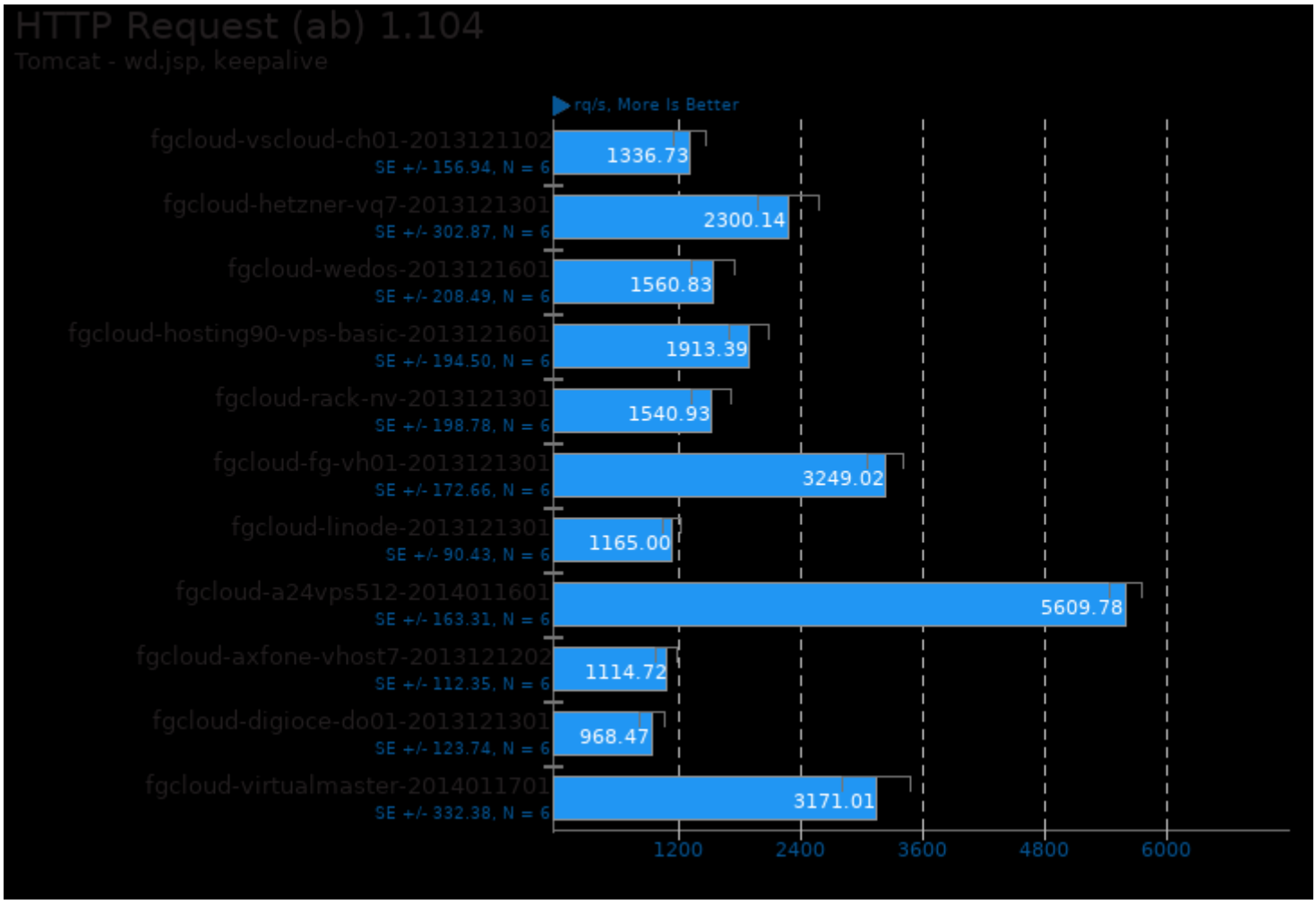


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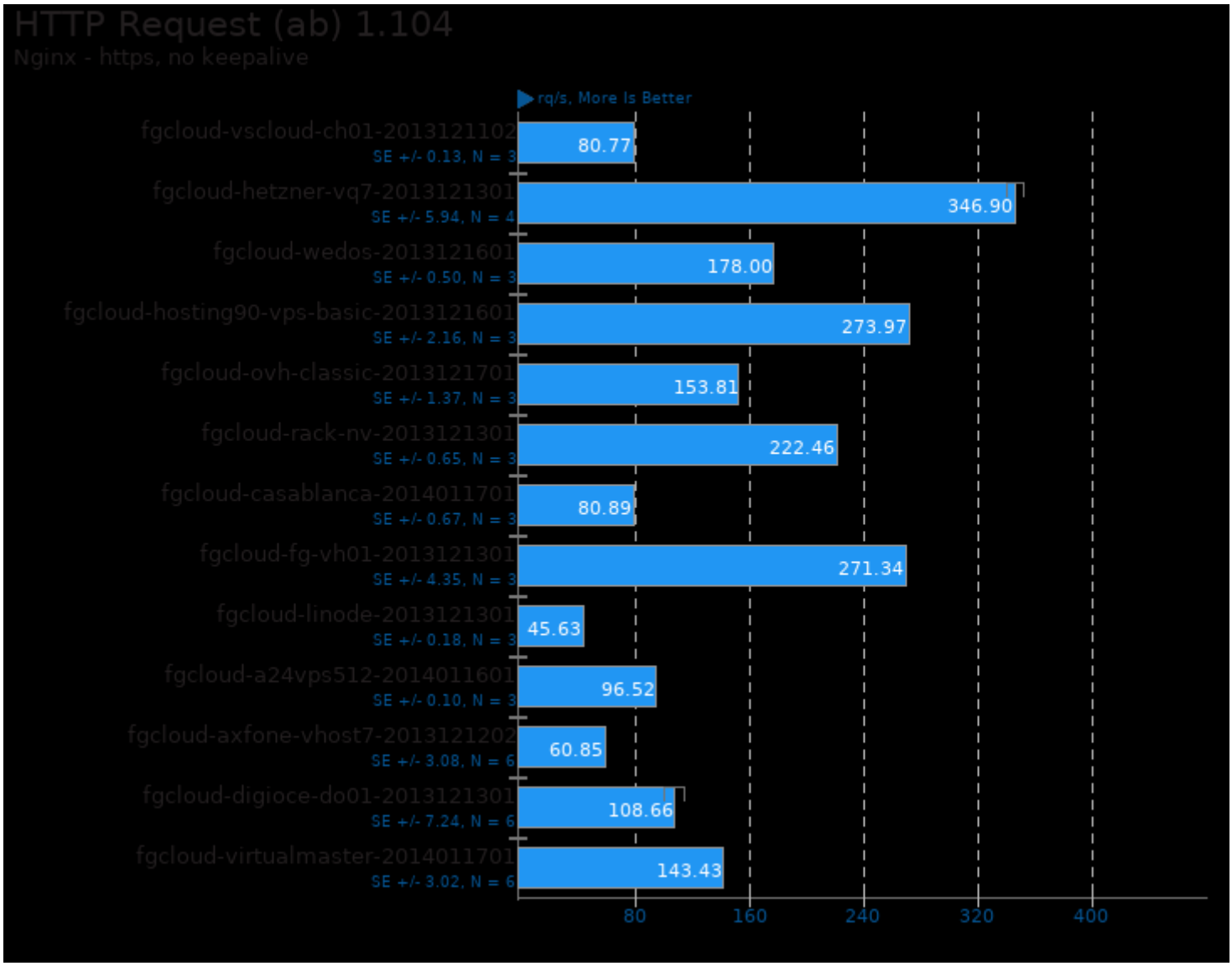



HTTP Request (ab) 1.104
Nginx - https, keepalive
rq/s, More Is Better
fgcloud-vscloud-ch01-2013121102
SE +/- 17.42, N = 3
2852.17
fgcloud-hetzner-vq7-2013121301
SE +/- 111.89, N = 3
8267.42
fgcloud-wedos-2013121601
SE +/- 17.16, N = 3
4498.01
fgcloud-hosting90-vps-basic-2013121601
SE +/- 65.08, N = 3
7135.28
fgcloud-ovh-classic-2013121701
SE +/- 10.50, N = 3
3629.96
fgcloud-rack-nv-2013121301
SE +/- 37.71, N = 3
5582.00
fgcloud-casablanca-2014011701
SE +/- 32.69, N = 3
3246.81
fgcloud-fg-vh01-2013121301
SE +/- 84.13, N = 3
6348.27
fgcloud-linode-2013121301
SE +/- 39.33, N = 6
1028.11
fgcloud-a24vps512-2014011601
SE +/- 29.27, N = 3
5258.34
fgcloud-axfone-vhost7-2013121202
SE +/- 41.44, N = 3
2264.90
fgcloud-digioce-do01-2013121301
SE +/- 118.43, N = 6
2831.48
fgcloud-virtualmaster-2014011701
SE +/- 151.25, N = 6
5329.56
2K
4K
6K
8K
10K

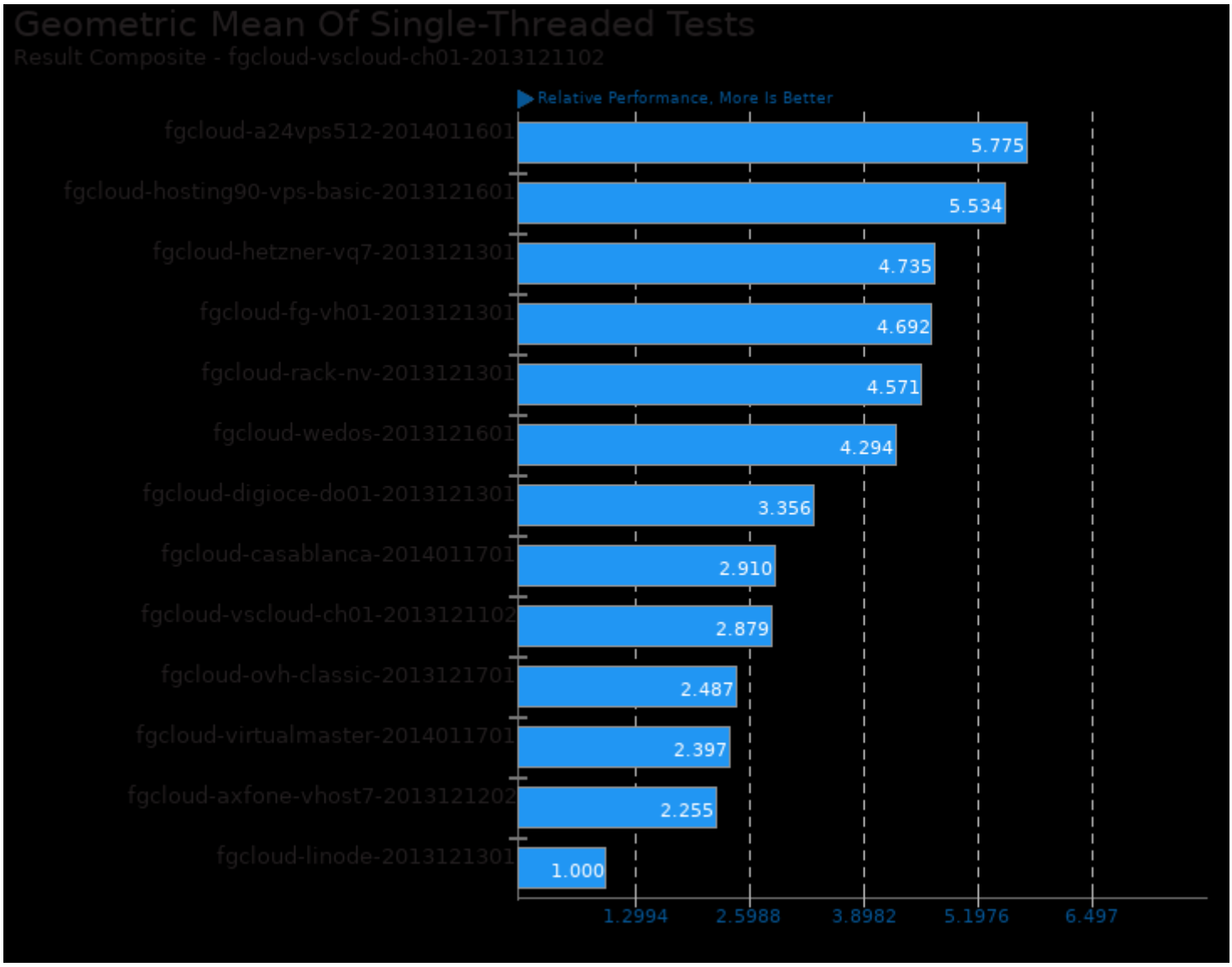
fgcloud-vscloud-ch01-2013121102



fgcloud-vscloud-ch01-2013121102



These geometric means are based upon test groupings / test suites for this result file.



Geometric mean based upon tests: pts/scimark2 and pts/compress-gzip

This file was automatically generated via the Phoronix Test Suite benchmarking software on Friday, 29 March 2024 05:43.