

Host Metrics

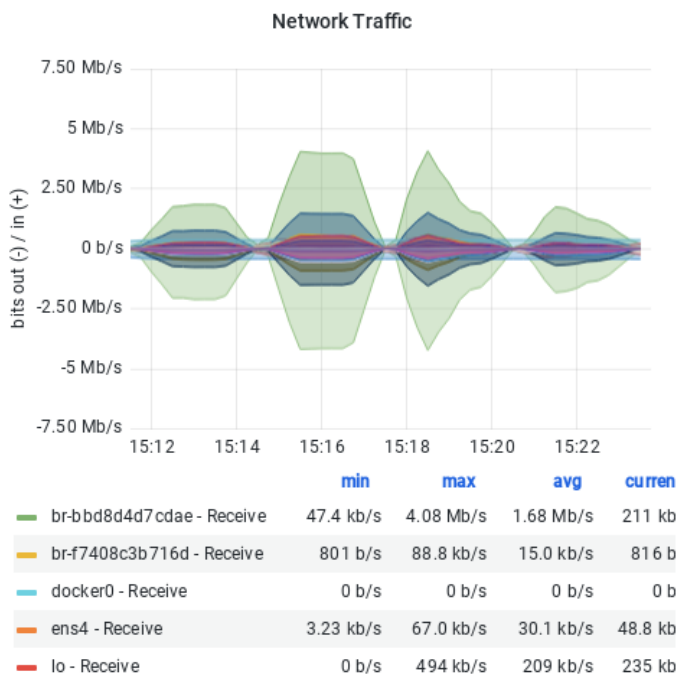
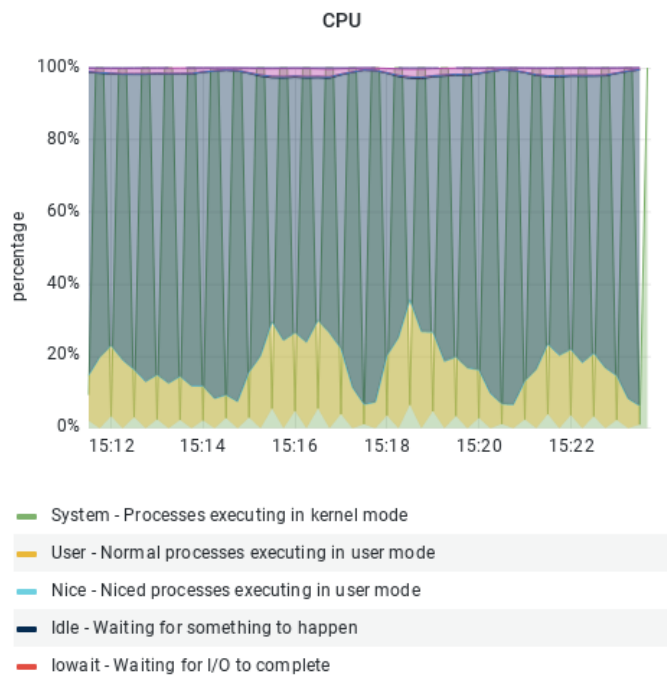
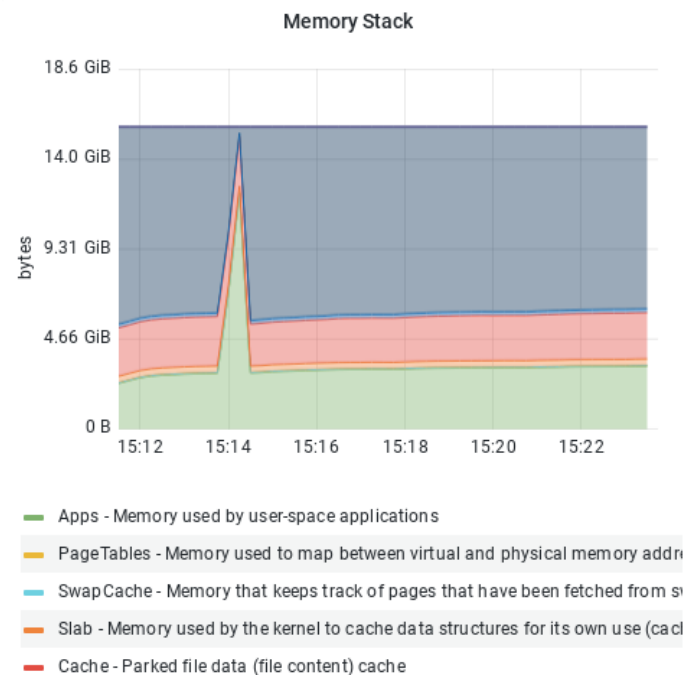
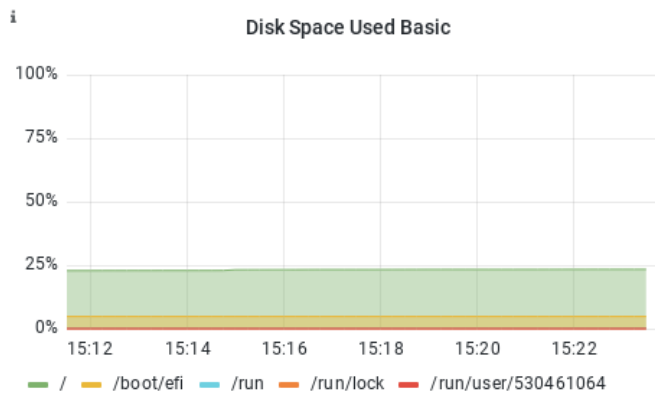
The dashboard visualizes host metrics collected by node_exporter. (based on: <https://grafana.com/grafana/dashboards/1860>)

Wed Oct 19 15:11:30 UTC 2022

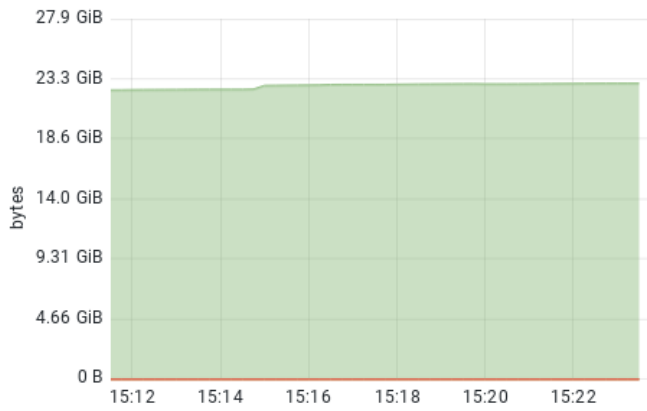
to

Wed Oct 19 15:23:44 UTC 2022



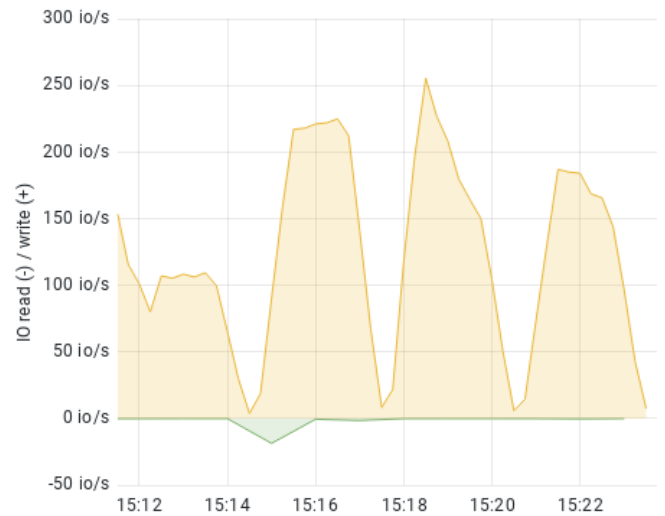


Disk Space Used



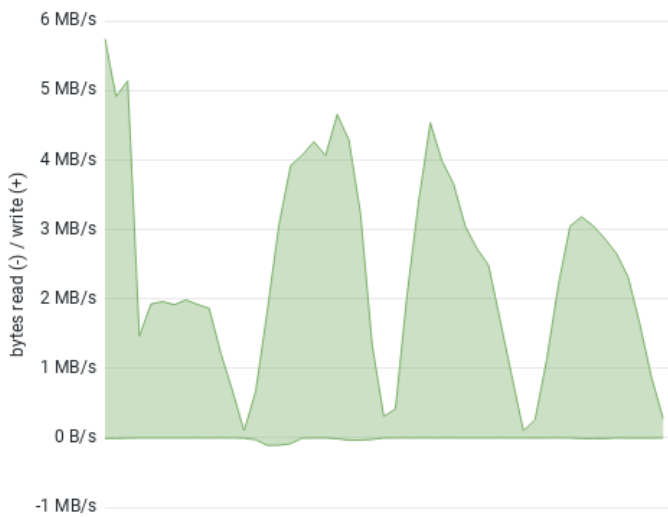
	min	max	avg	current ^
/run/lock	0.000 B	0.000 B	0.000 B	0.000 B
/run/user/530461064	0.000 B	0.000 B	0.000 B	0.000 B
/run	2.547 MiB	2.547 MiB	2.547 MiB	2.547 MiB
/boot/efi	5.898 MiB	5.898 MiB	5.898 MiB	5.898 MiB
/	22.409 GiB	22.932 GiB	22.748 GiB	22.932 GiB

Disk IOps



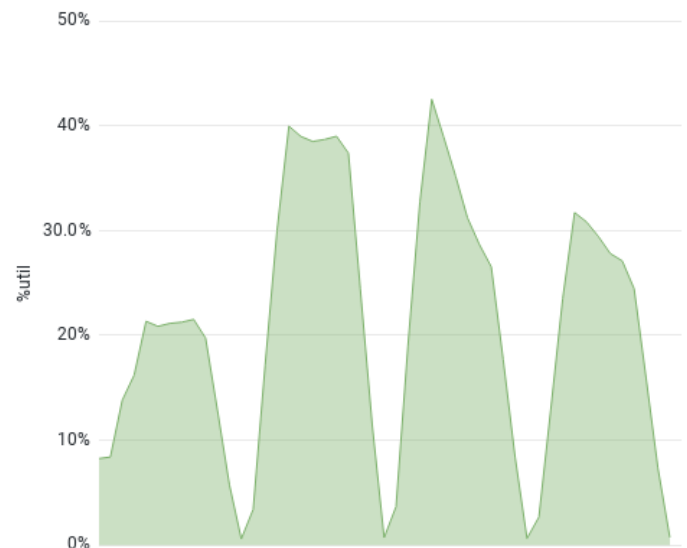
	min	max	avg	current
sda - Reads completed	0 io/s	18.6 io/s	1.60 io/s	0.0167 io/s
sda - Writes completed	3.84 io/s	255 io/s	124 io/s	7.53 io/s

I/O Usage Read / Write



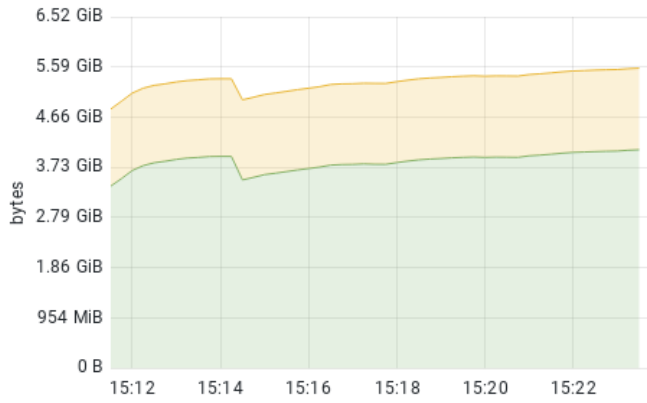
	min	max	avg
sda - Successfully read bytes	0.000 B/s	107.588 kB/s	9.855 kB/s
sda - Successfully written bytes	103.310 kB/s	5.781 MB/s	2.430 MB/s

I/O Utilization



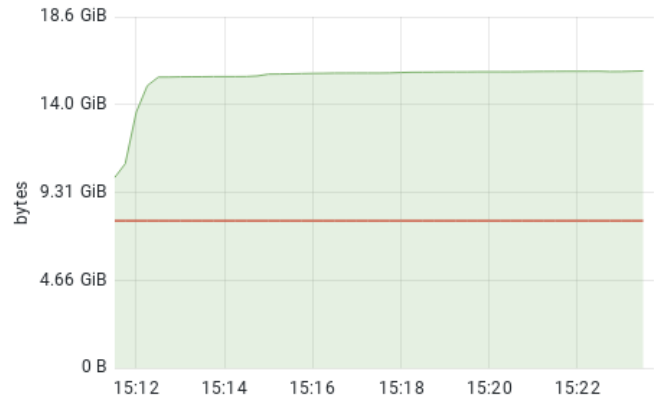
	min	max	avg	current
sda	0.587%	42.507%	21.035%	0.729%

Memory Active / Inactive



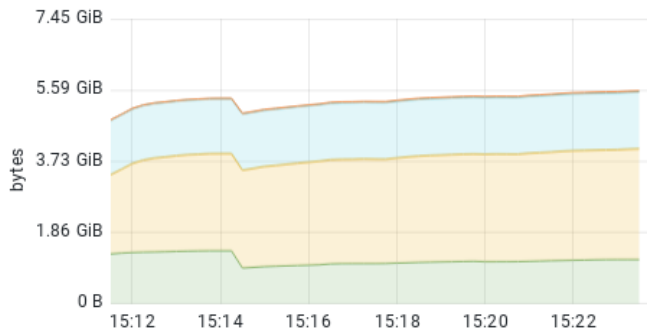
— Inactive - Memory which has been less recently used. It is more eligible to be re
— Active - Memory that has been used more recently and usually not reclaimed u

Memory Committed



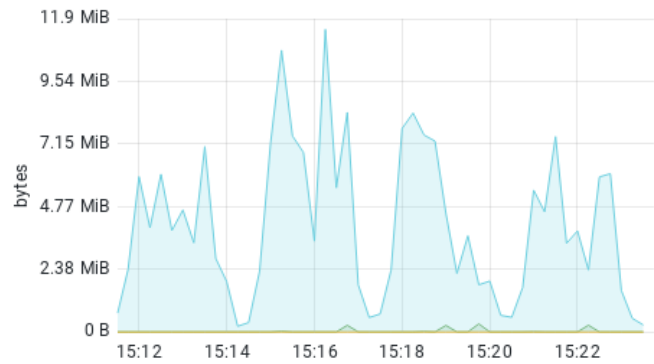
— Committed_AS - Amount of memory presently allocated on the system
— CommitLimit - Amount of memory currently available to be allocated on the sy

Memory Active / Inactive Detail



— Inactive_file - File-backed memory on inactive LRU list
— Inactive_anon - Anonymous and swap cache on inactive LRU list, including tmp
— Active_file - File-backed memory on active LRU list
— Active_anon - Anonymous and swap cache on active least-recently-used (LRU)

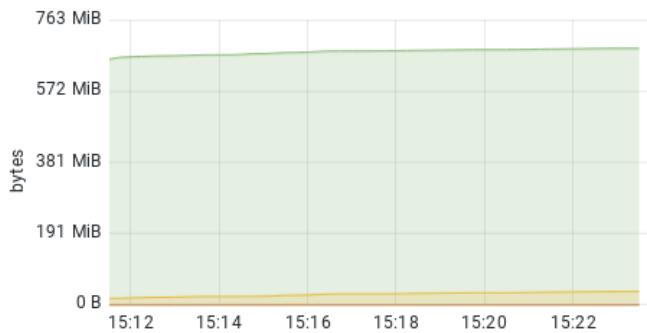
Memory Writeback and Dirty



— Writeback - Memory which is actively being written back to disk
— WritebackTmp - Memory used by FUSE for temporary writeback buffers
— Dirty - Memory which is waiting to get written back to the disk

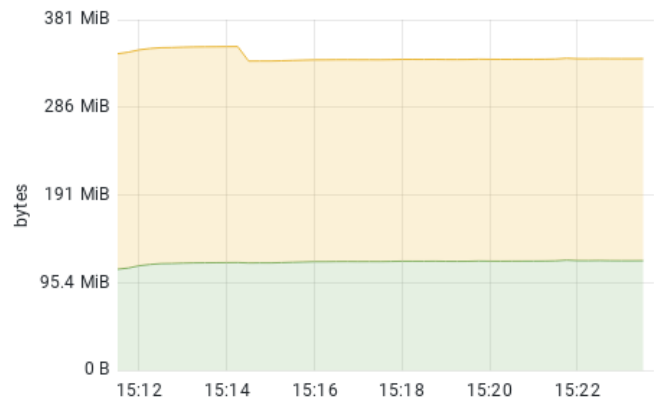
220.

Memory Shared and Mapped



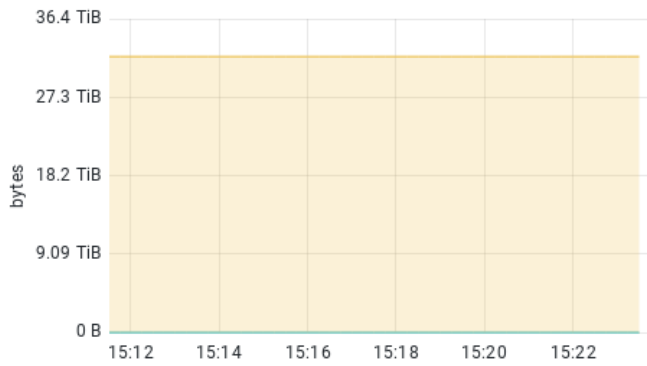
— Mapped - Used memory in mapped pages files which have been mmaped, such
— Shmem - Used shared memory (shared between several processes, thus includ
— ShmemHugePages - Memory used by shared memory (shmem) and tmpfs allc
— ShmemPmdMapped - Ammount of shared (shmem/tmpfs) memory backed by

Memory Slab



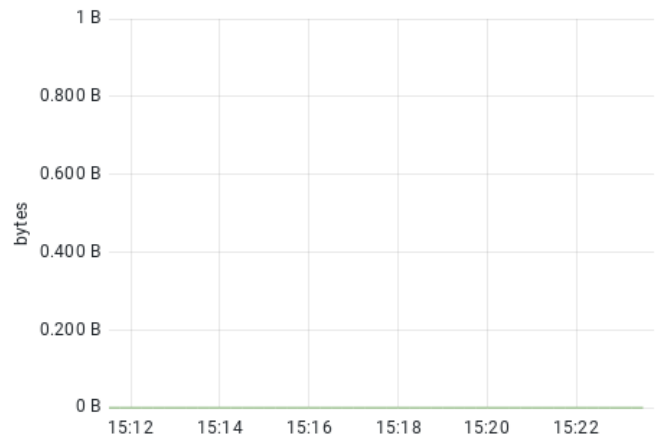
— SUnreclaim - Part of Slab, that cannot be reclaimed on memory pressure 10
— SReclaimable - Part of Slab, that might be reclaimed, such as caches 21

Memory Vmalloc



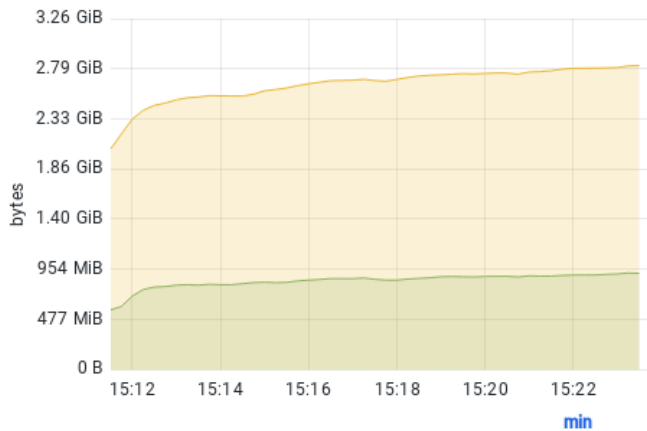
VmallocChunk - Largest contiguous block of vmalloc area which is free	0.0
VmallocTotal - Total size of vmalloc memory area	32.0
VmallocUsed - Amount of vmalloc area which is used	31.3

Memory Bounce



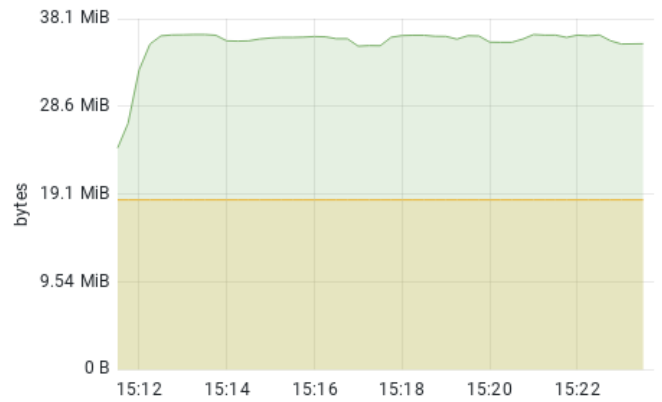
Bounce - Memory used for block device bounce buffers	0.00 B	0.00 B	0.00 B
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Memory Anonymous



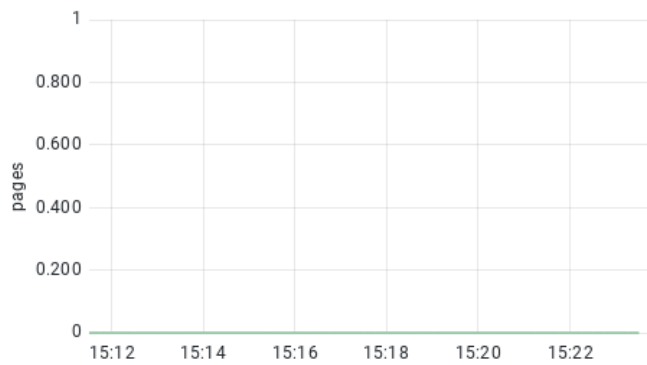
AnonHugePages - Memory in anonymous huge pages	566.00 MiB	918.0
AnonPages - Memory in user pages not backed by files	2.04 GiB	2.8

Memory Kernel / CPU



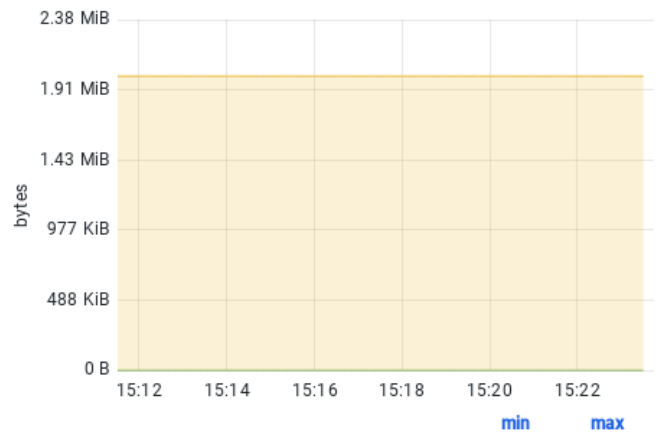
KernelStack - Kernel memory stack. This is not reclaimable	23.9
PerCPU - Per CPU memory allocated dynamically by loadable modules	18.4

Memory HugePages Counter



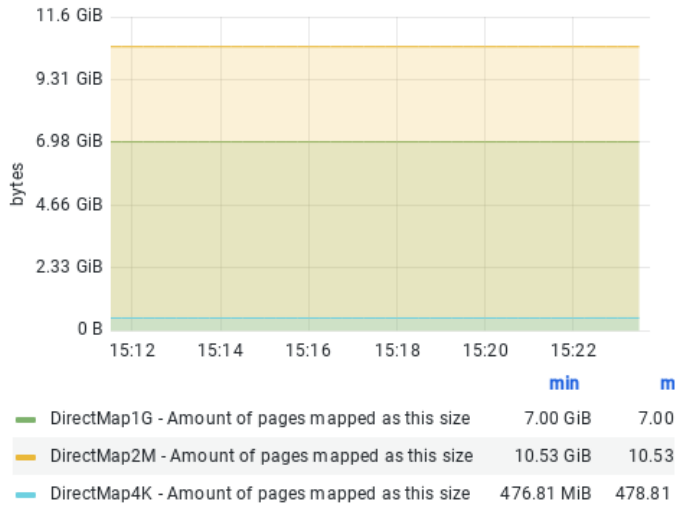
HugePages_Free - Huge pages in the pool that are not yet allocated	0
HugePages_Rsvd - Huge pages for which a commitment to allocate from the pool has been made	0
HugePages_Surp - Huge pages in the pool above the value in /proc/sys/vm/nr_hugepages	0

Memory HugePages Size

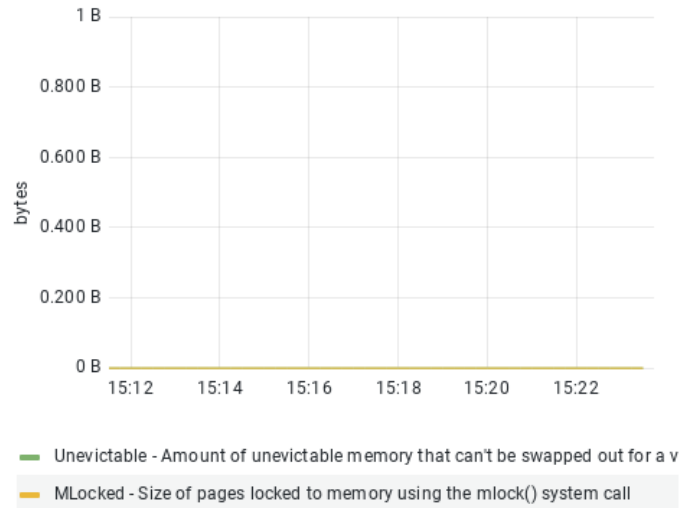


HugePages - Total size of the pool of huge pages	0.00 B	0.00 B
Hugepagesize - Huge Page size	2.00 MiB	2.00 MiB

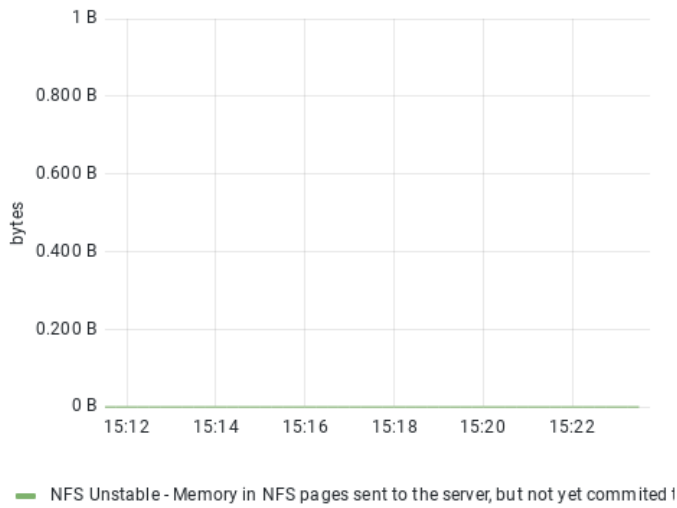
Memory DirectMap



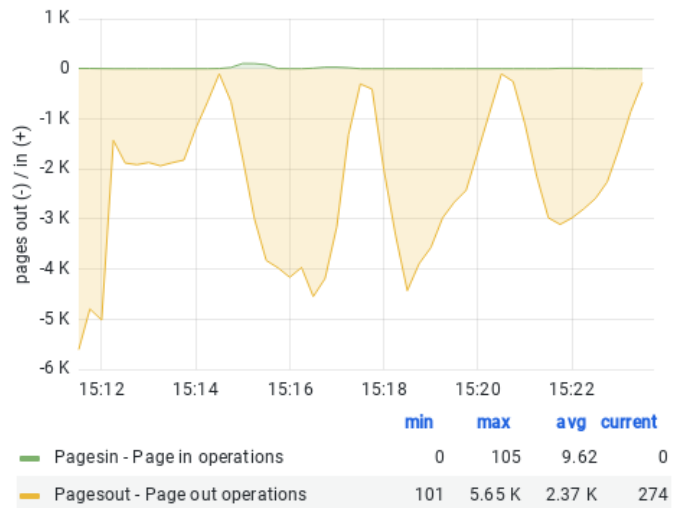
Memory Unevictable and MLocked



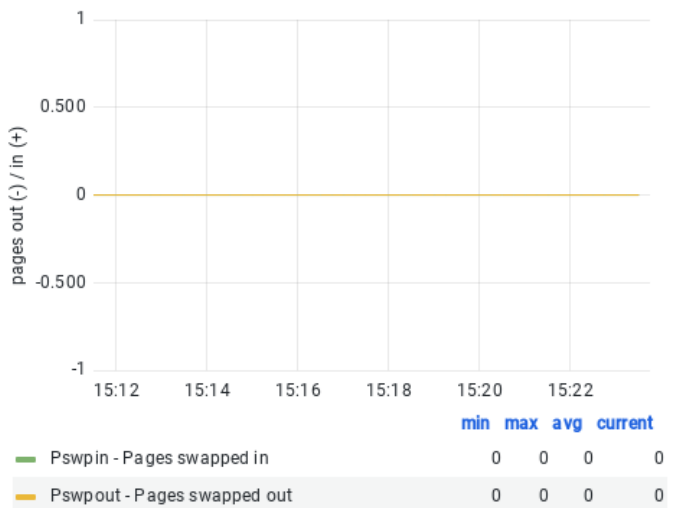
Memory NFS



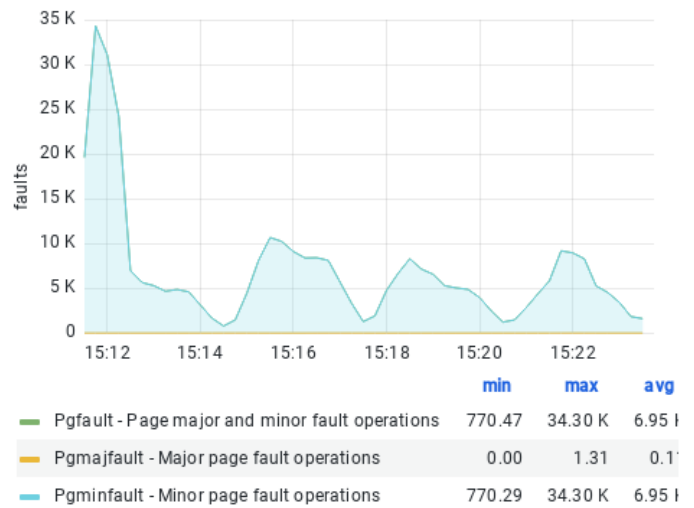
Memory Pages In / Out



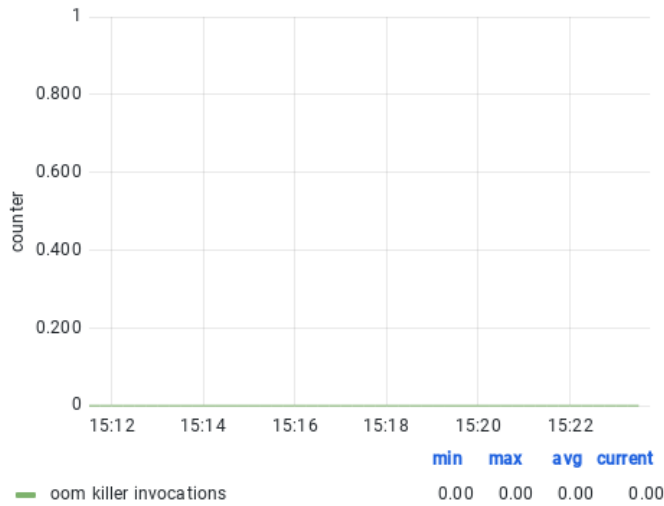
Memory Pages Swap In / Out



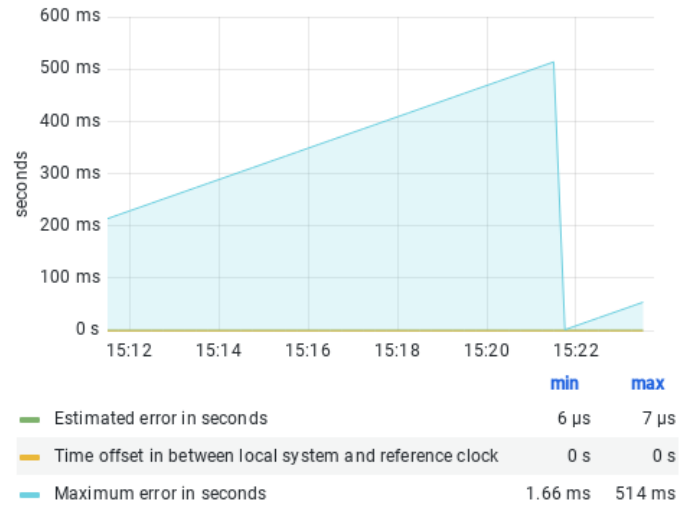
Memory Page Faults



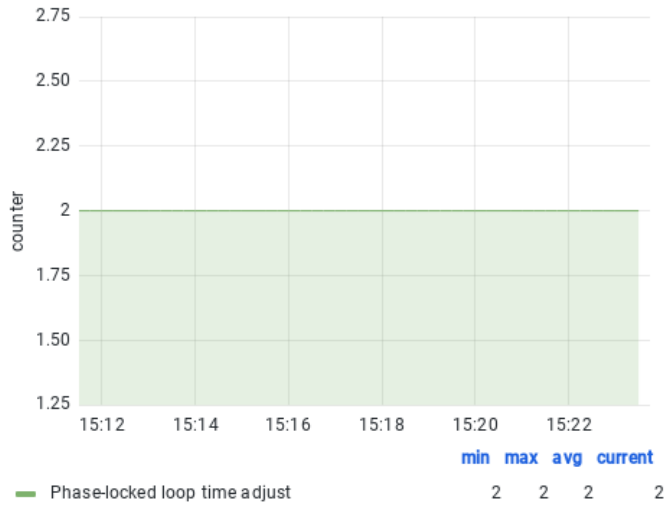
OOM Killer



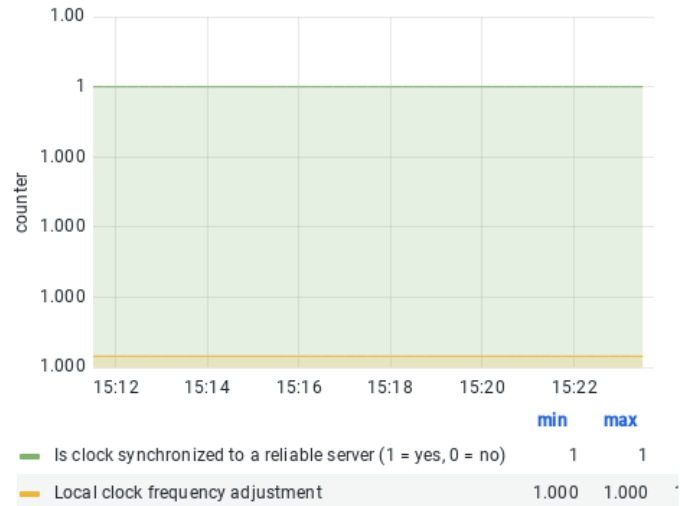
Time Synchronized Drift



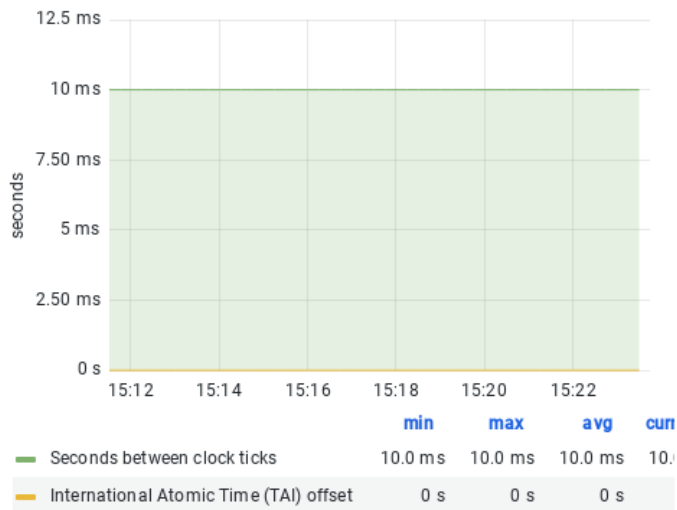
Time PLL Adjust



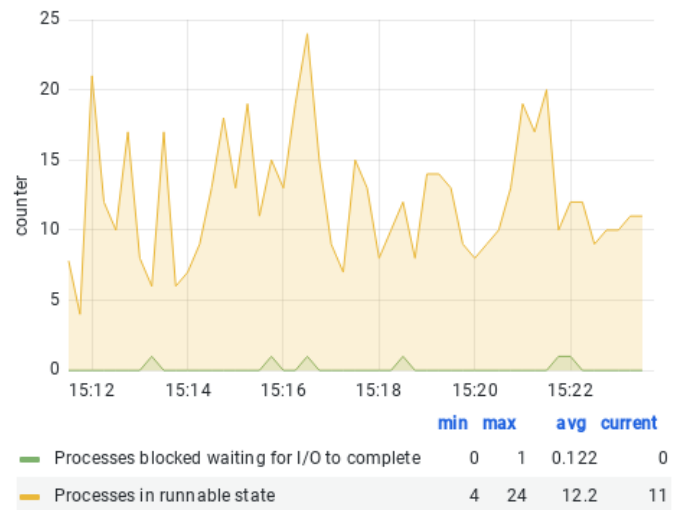
Time Synchronized Status

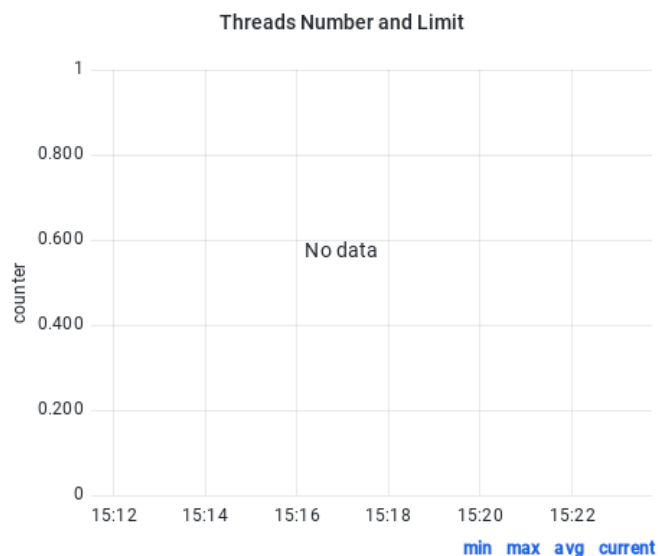
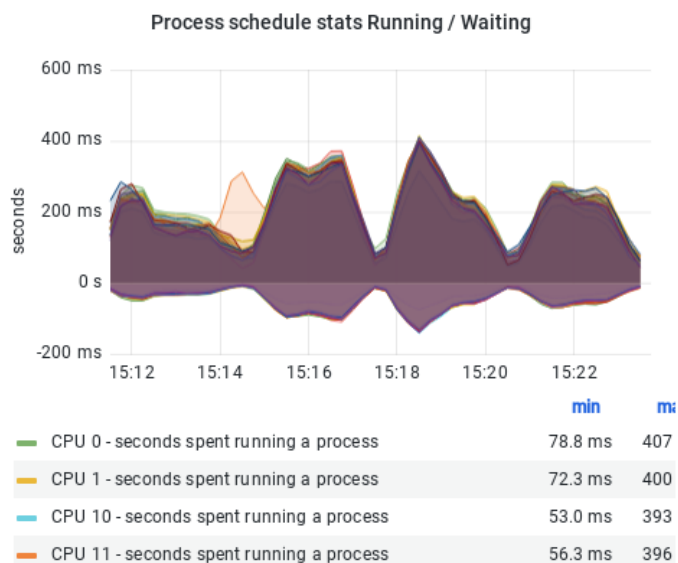
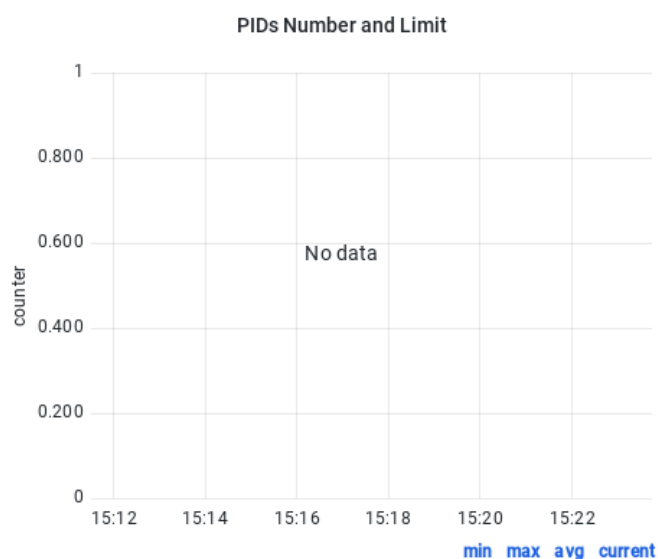
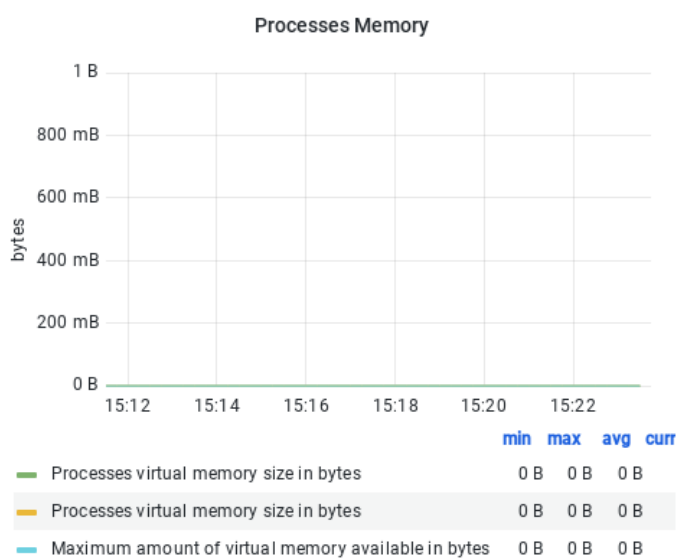
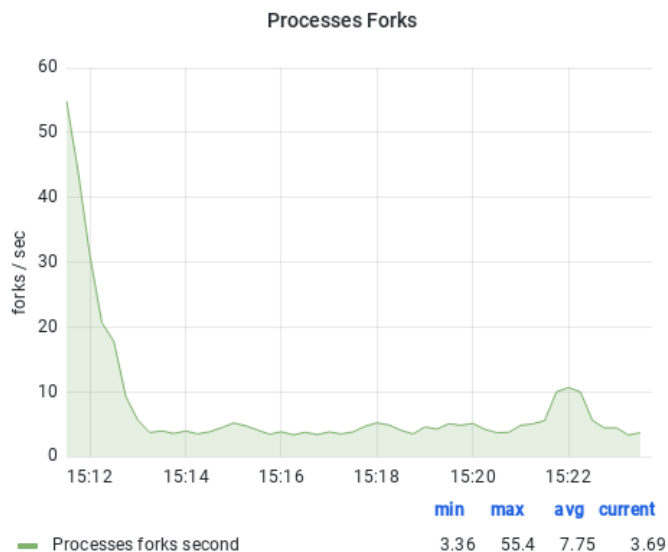
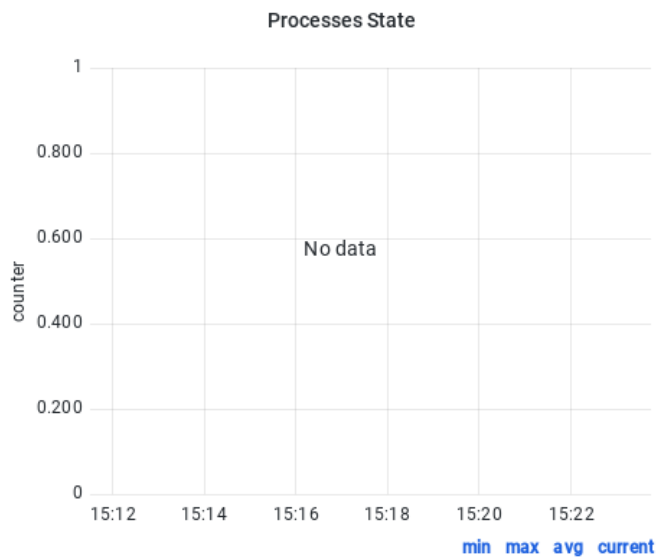


Time Misc

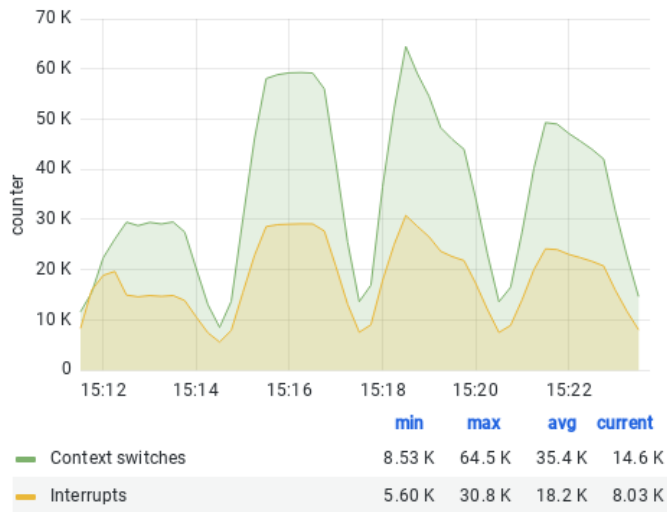


Processes Status

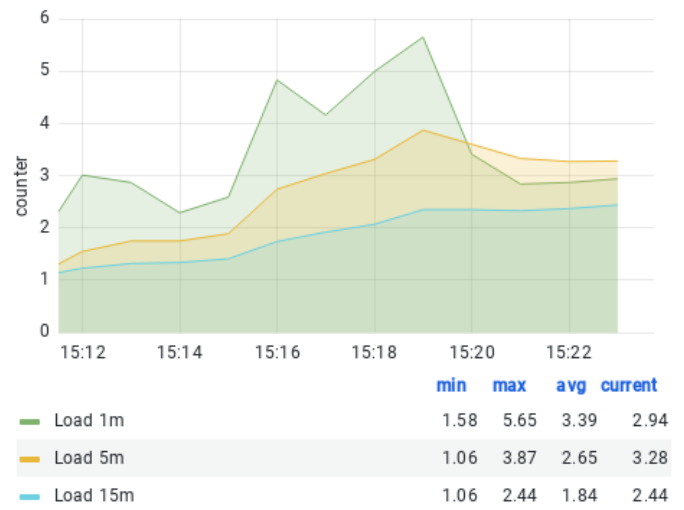




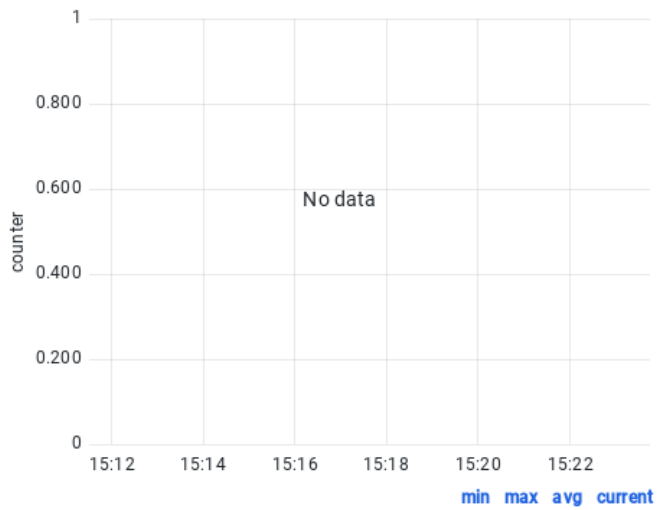
Context Switches / Interrupts



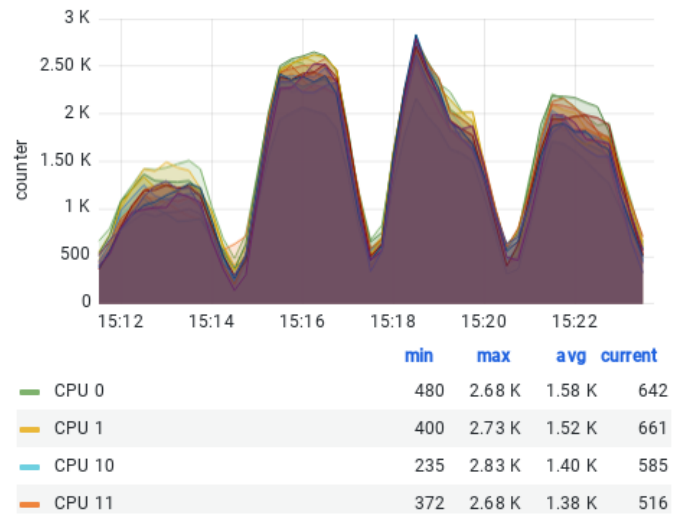
System Load



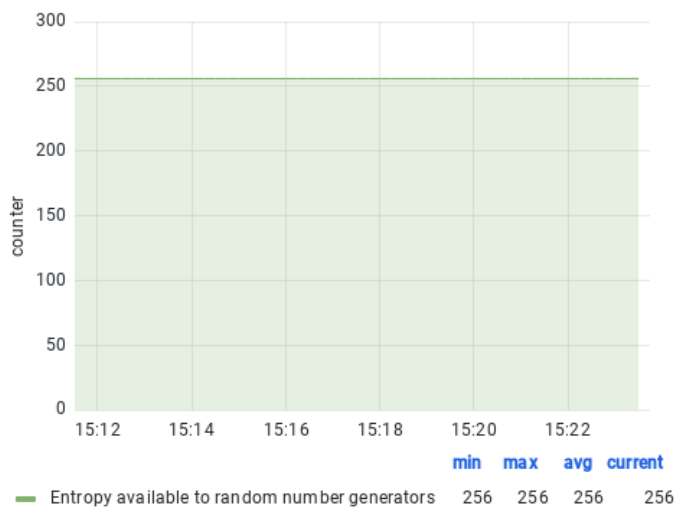
Interrupts Detail



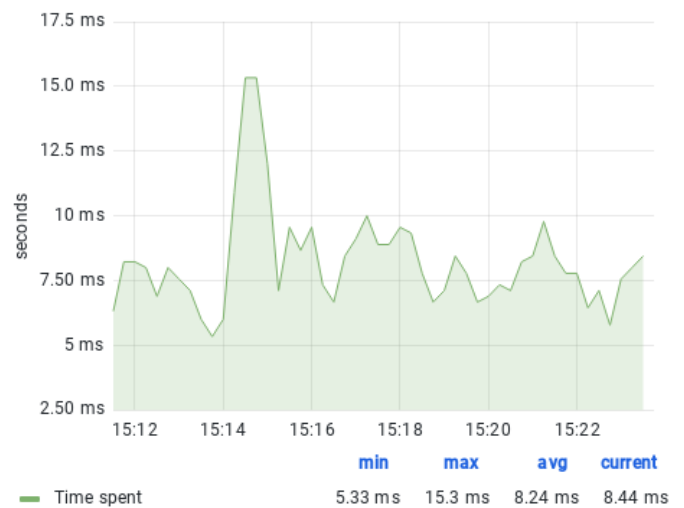
Schedule timeslices executed by each cpu



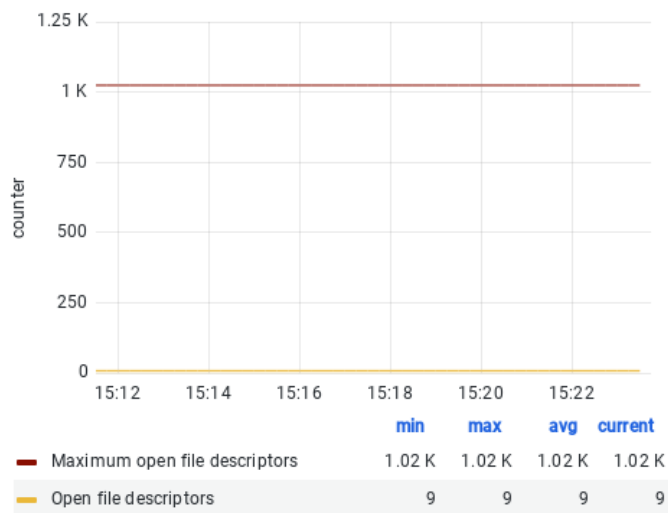
Entropy



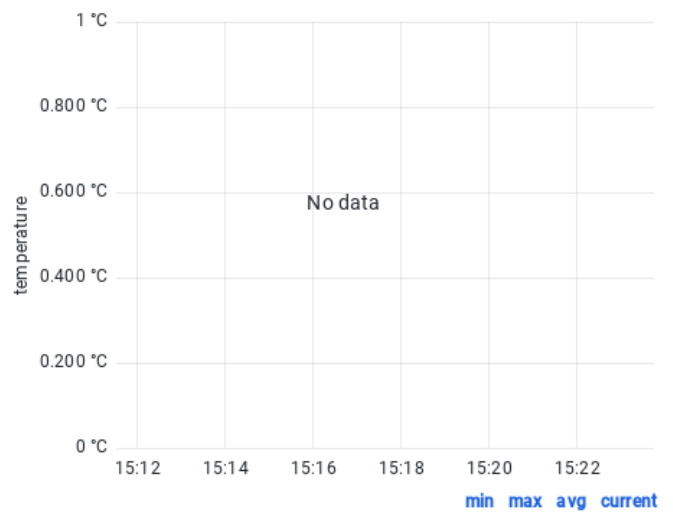
CPU time spent in user and system contexts



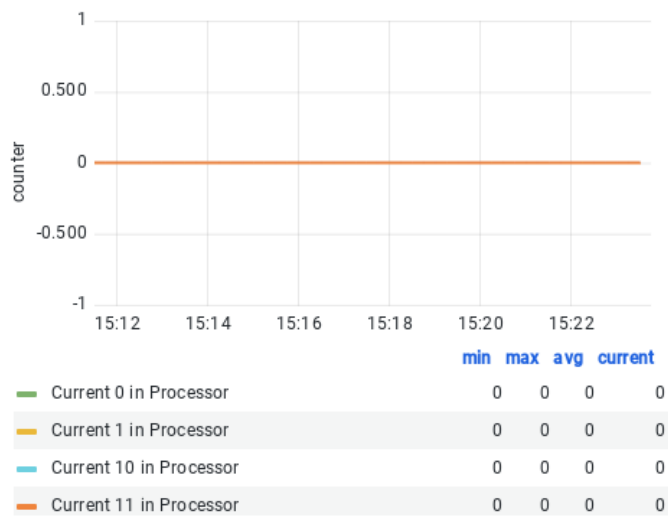
File Descriptors



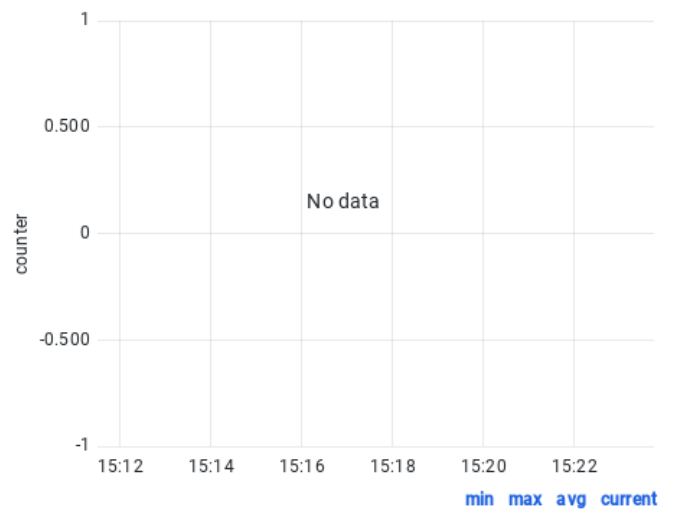
Hardware temperature monitor



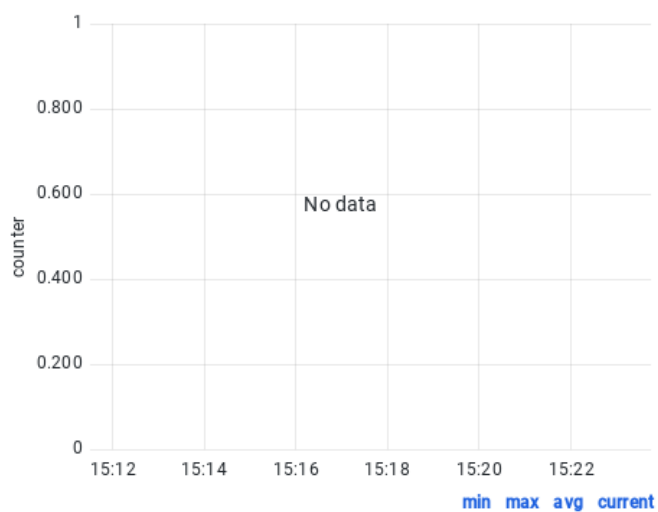
Throttle cooling device



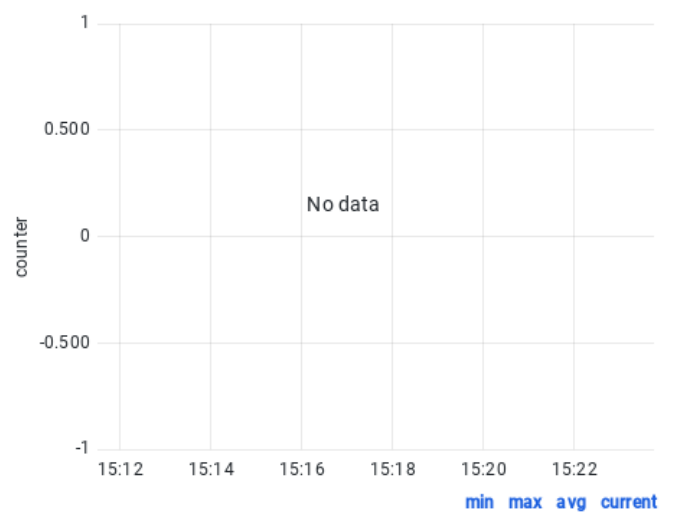
Power supply

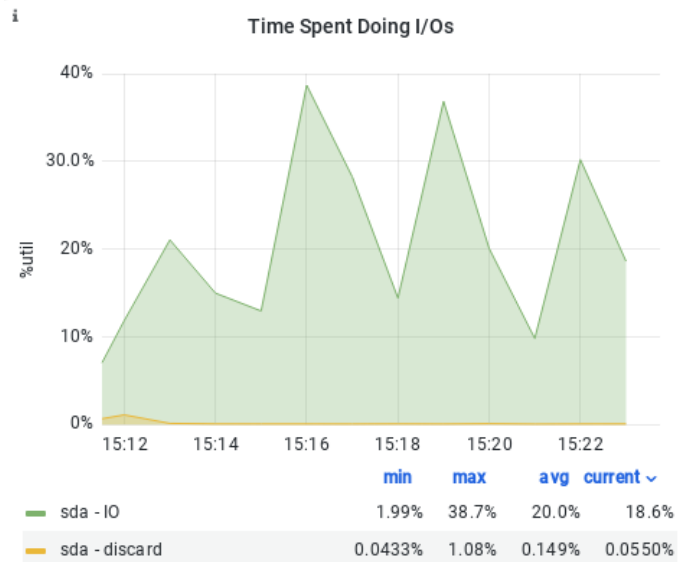
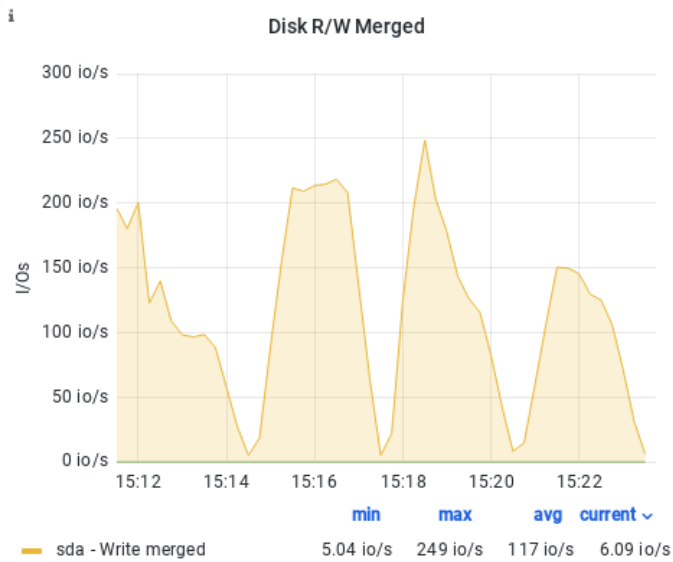
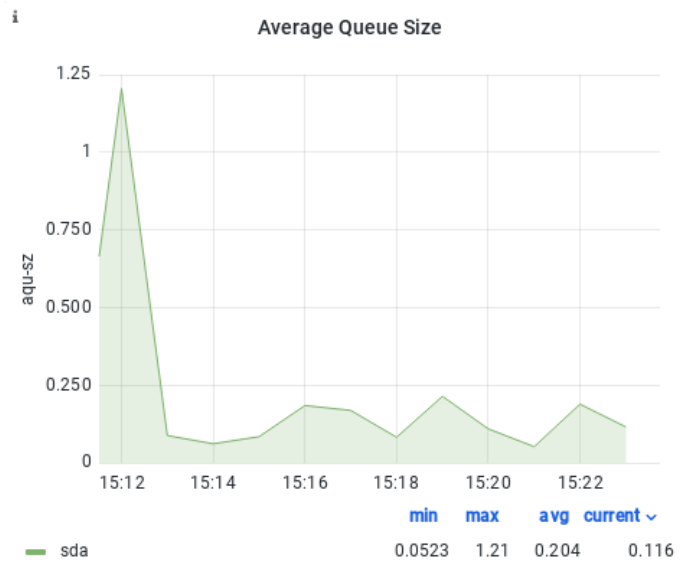
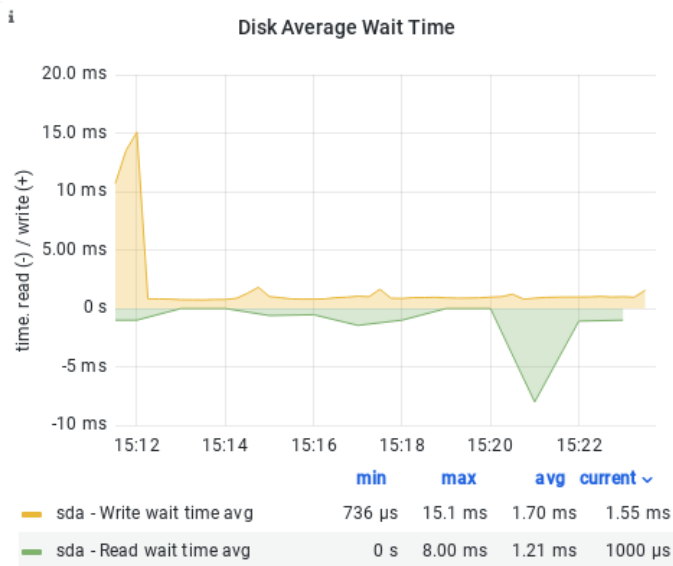
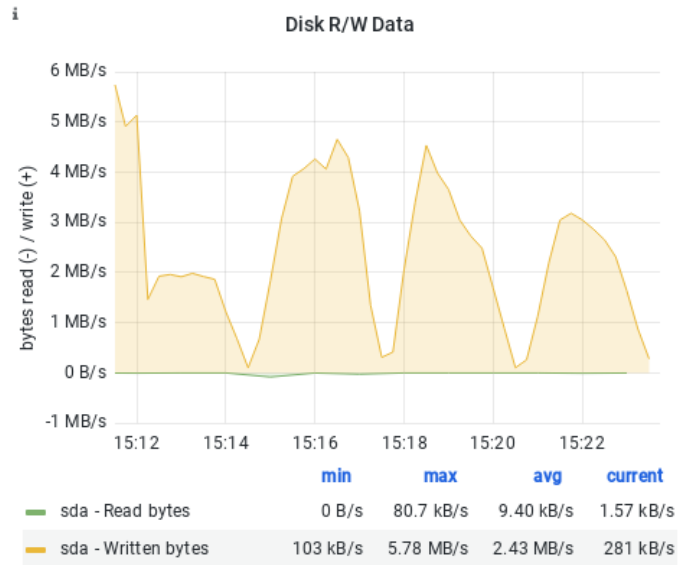
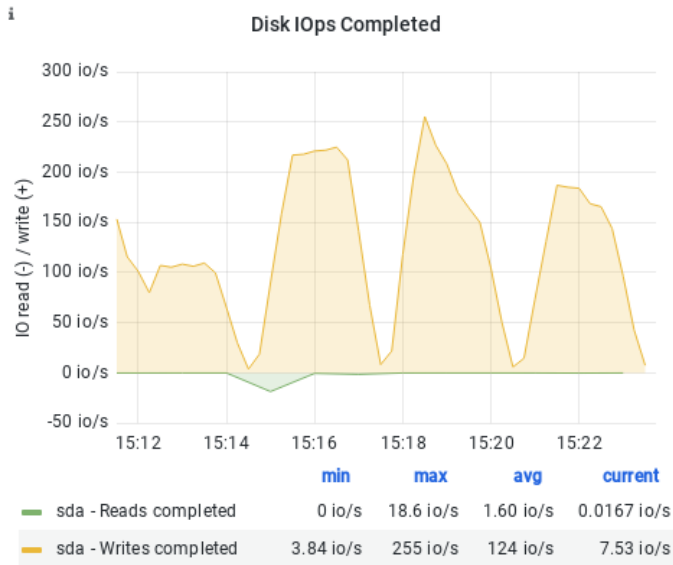


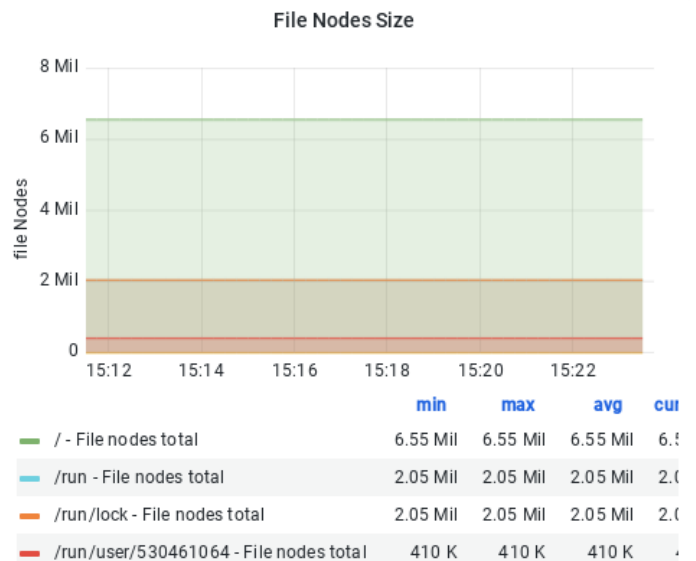
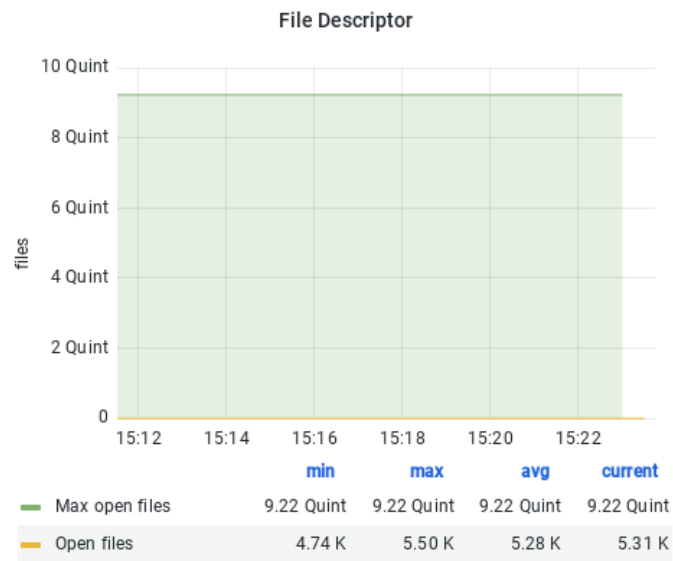
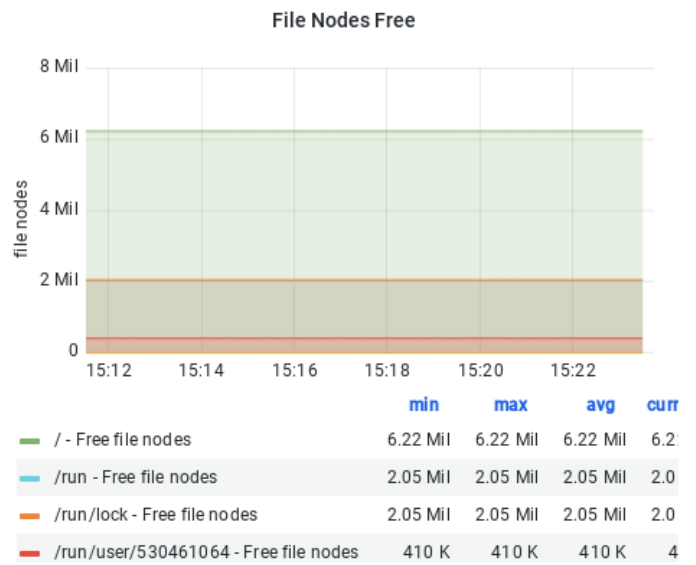
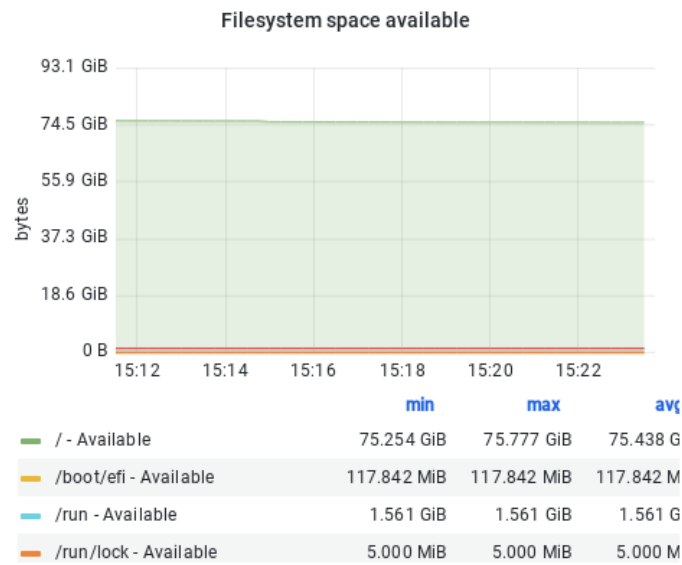
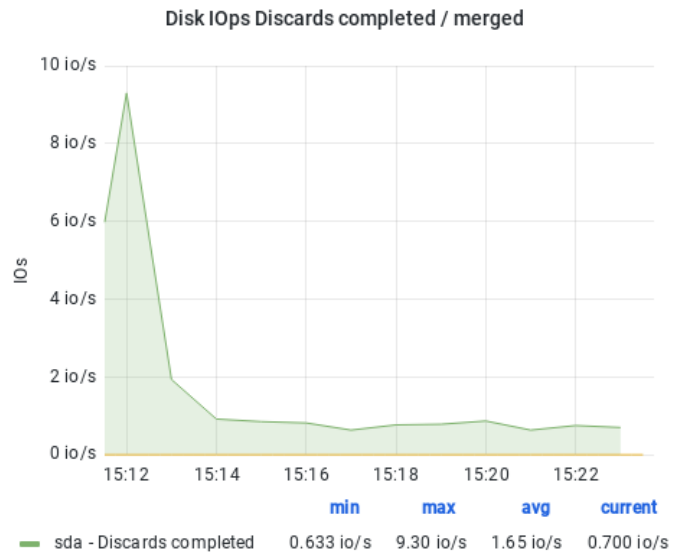
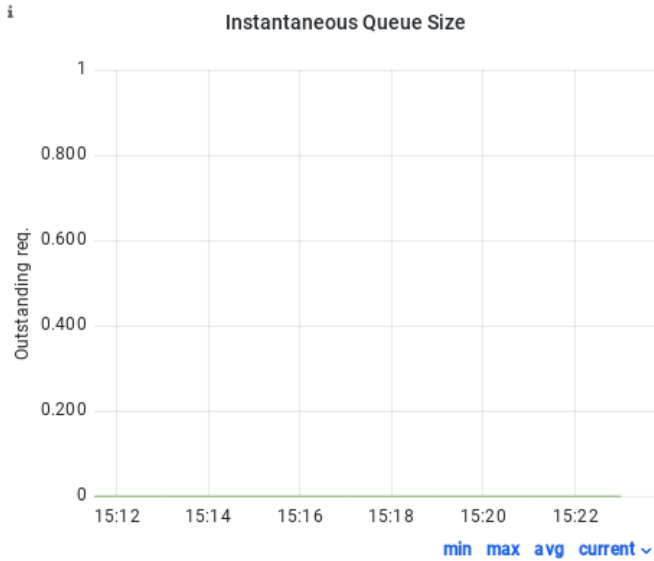
Systemd Sockets



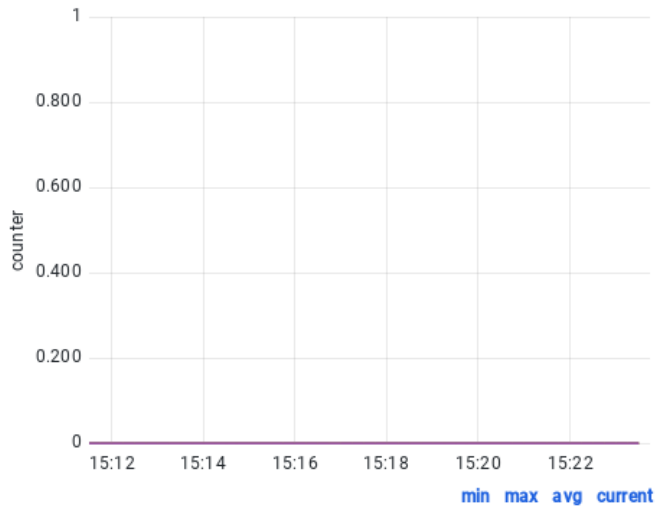
Systemd Units State



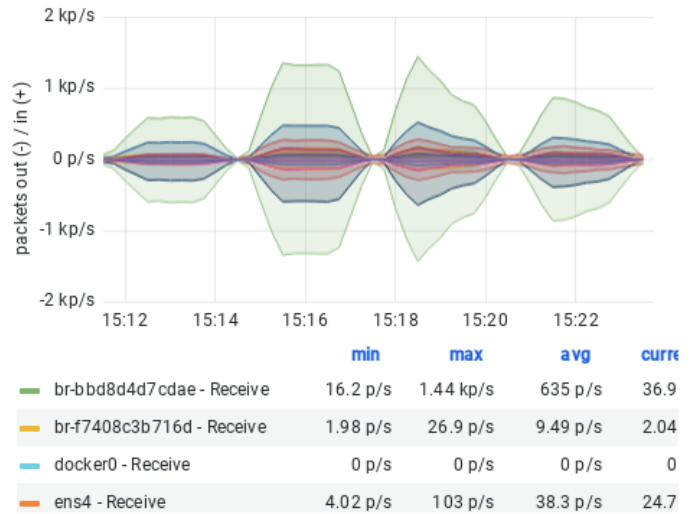




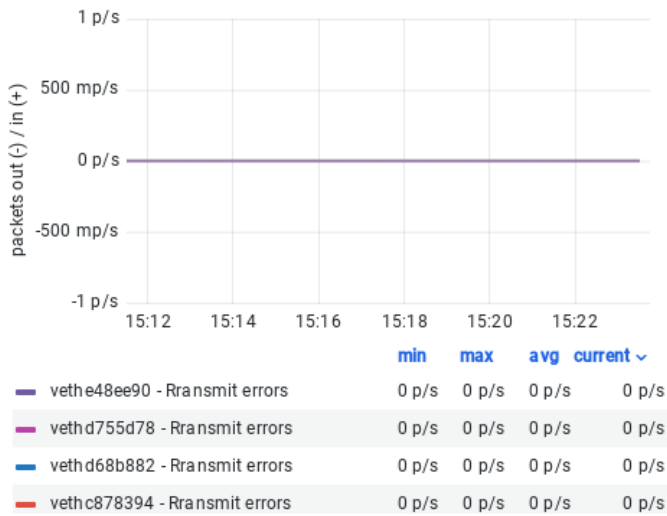
Filesystem in ReadOnly / Error



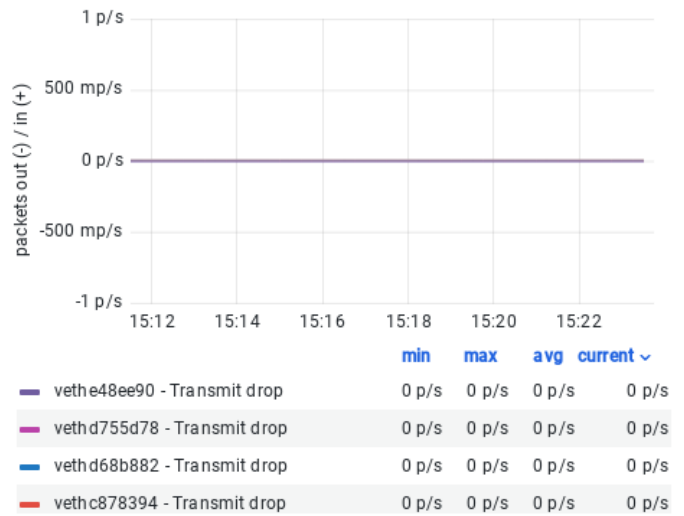
Network Traffic by Packets



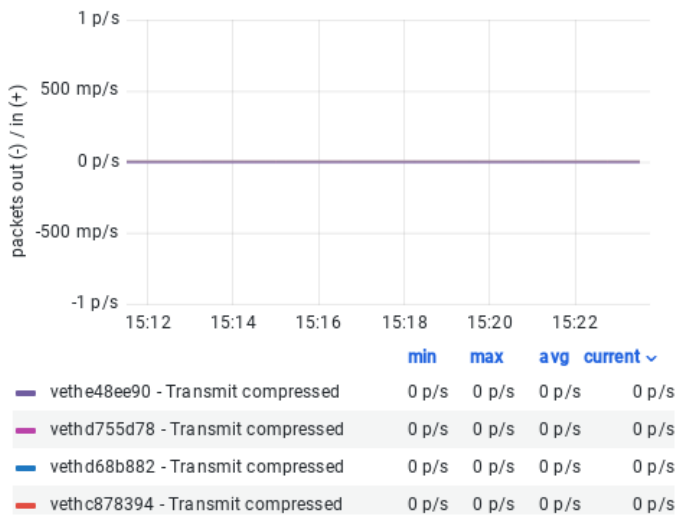
Network Traffic Errors



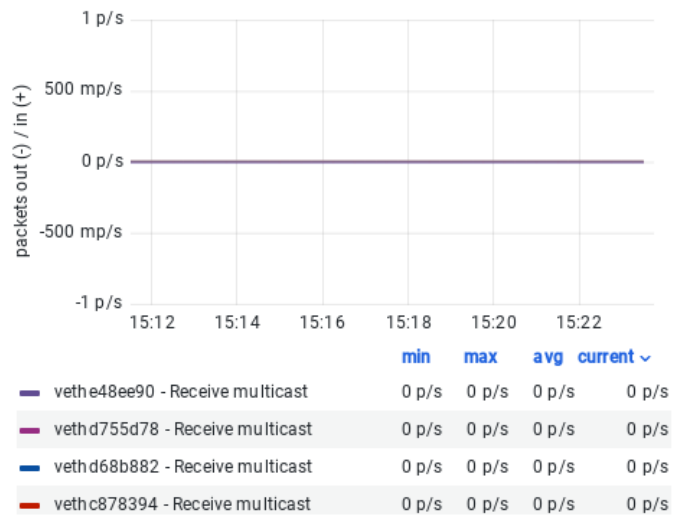
Network Traffic Drop



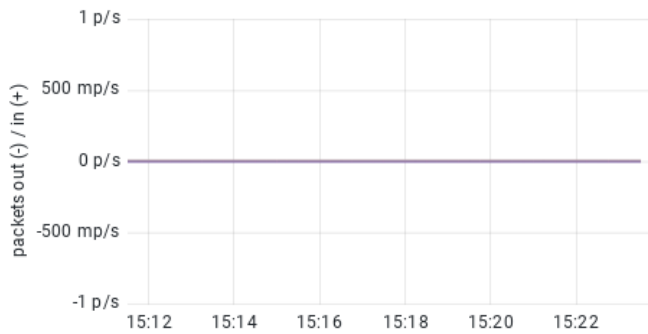
Network Traffic Compressed



Network Traffic Multicast

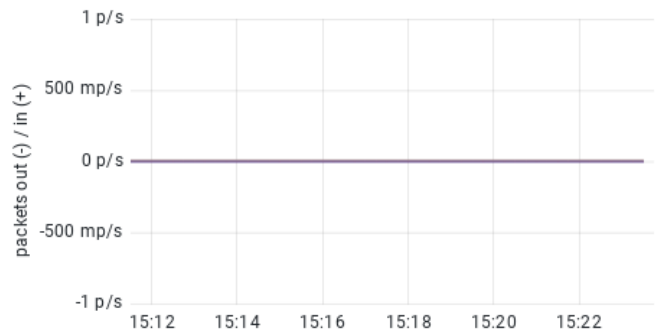


Network Traffic Fifo



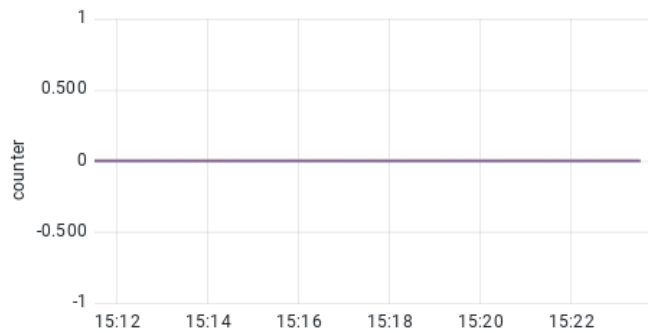
	min	max	avg	current
veth48ee90 - Transmit fifo	0 p/s	0 p/s	0 p/s	0 p/s
vethd755d78 - Transmit fifo	0 p/s	0 p/s	0 p/s	0 p/s
vethd68b882 - Transmit fifo	0 p/s	0 p/s	0 p/s	0 p/s
vethc878394 - Transmit fifo	0 p/s	0 p/s	0 p/s	0 p/s

Network Traffic Frame



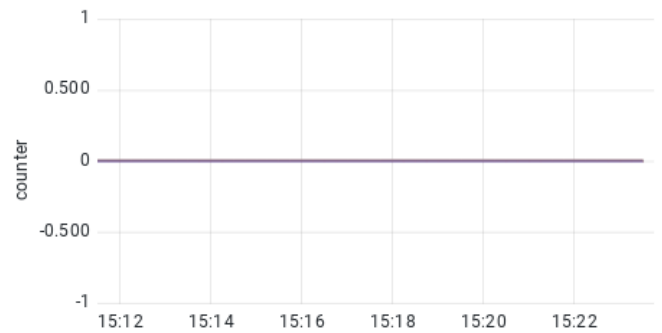
	min	max	avg	current
veth48ee90 - Receive frame	0 p/s	0 p/s	0 p/s	0 p/s
vethd755d78 - Receive frame	0 p/s	0 p/s	0 p/s	0 p/s
vethd68b882 - Receive frame	0 p/s	0 p/s	0 p/s	0 p/s
vethc878394 - Receive frame	0 p/s	0 p/s	0 p/s	0 p/s

Network Traffic Carrier



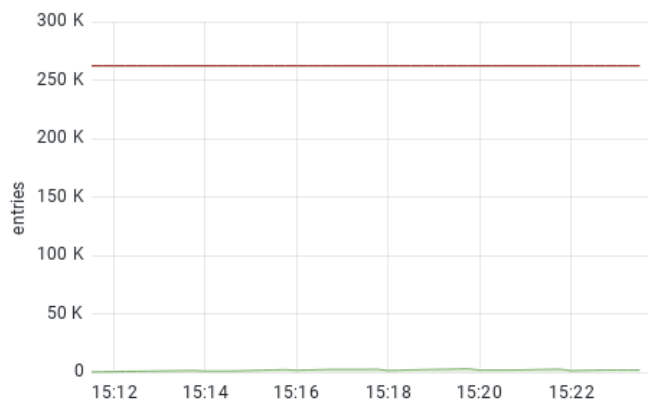
	min	max	avg	current
veth48ee90 - Statistic transmit_carrier	0	0	0	0
vethd755d78 - Statistic transmit_carrier	0	0	0	0
vethd68b882 - Statistic transmit_carrier	0	0	0	0
vethc878394 - Statistic transmit_carrier	0	0	0	0

Network Traffic Colls



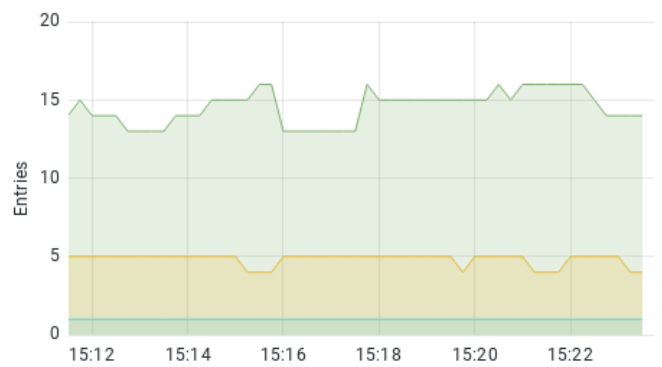
	min	max	avg	current
veth48ee90 - Transmit colls	0	0	0	0
vethd755d78 - Transmit colls	0	0	0	0
vethd68b882 - Transmit colls	0	0	0	0
vethc878394 - Transmit colls	0	0	0	0

NF Contrack



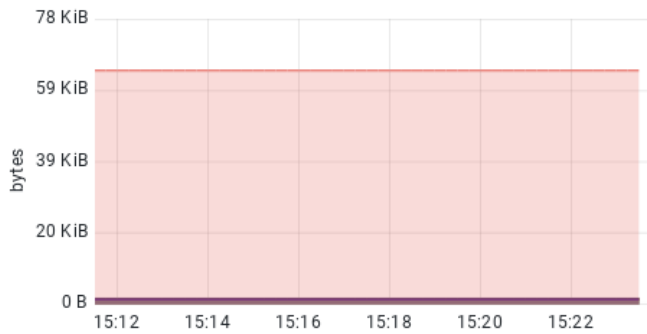
	min	max	avg	current
NF conntrack entries	329	3.07 K	1.85 K	2.02 K
NF conntrack limit	262 K	262 K	262 K	262 K

ARP Entries



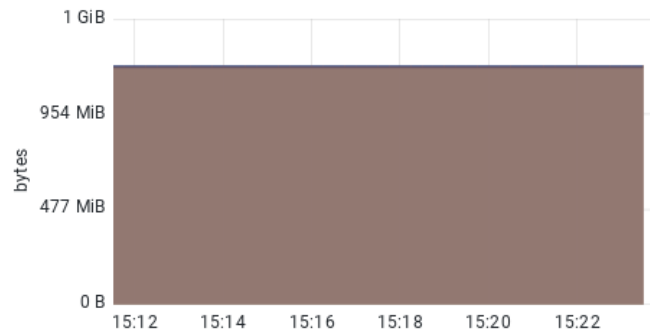
	min	max	avg	current
br-bbd8d4d7cdae - ARP entries	13	16	14.5	14
br-f7408c3b716d - ARP entries	4	5	4.82	4
ens4 - ARP entries	1	1	1	1

MTU



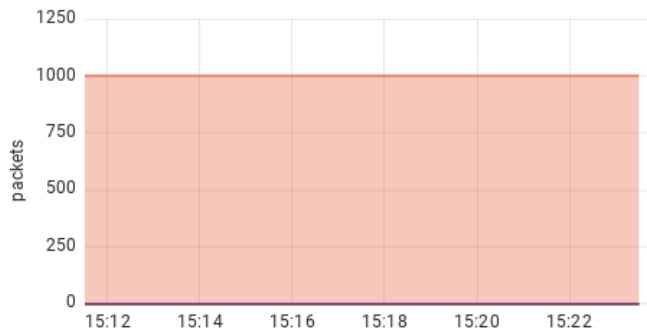
	min	max	avg	current
br-bbd8d4d7cdae - Bytes	1.5 KiB	1.5 KiB	1.5 KiB	1.5 KiB
br-f7408c3b716d - Bytes	1.5 KiB	1.5 KiB	1.5 KiB	1.5 KiB
docker0 - Bytes	1.5 KiB	1.5 KiB	1.5 KiB	1.5 KiB
ens4 - Bytes	1.4 KiB	1.4 KiB	1.4 KiB	1.4 KiB

Speed



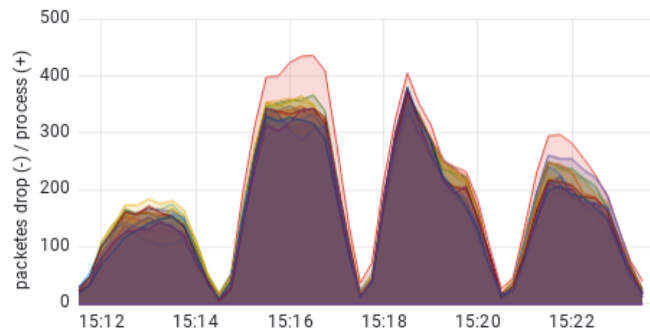
	min	max	avg	current
br-bbd8d4d7cdae - Speed	1.2 GiB	1.2 GiB	1.2 GiB	1.2 GiB
br-f7408c3b716d - Speed	1.2 GiB	1.2 GiB	1.2 GiB	1.2 GiB
docker0 - Speed	-122.1 KiB	-122.1 KiB	-122.1 KiB	-122.1 KiB
ens4 - Speed	-122.1 KiB	-122.1 KiB	-122.1 KiB	-122.1 KiB

Queue Length



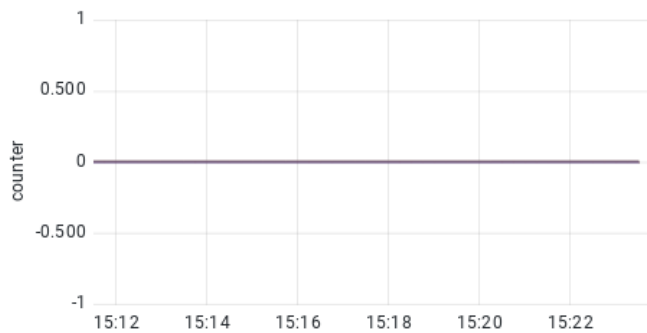
	min	max	avg	current
br-bbd8d4d7cdae - Interface transmit queue length	0.0	0.0	0.0	0.0
br-f7408c3b716d - Interface transmit queue length	0.0	0.0	0.0	0.0
docker0 - Interface transmit queue length	0.0	0.0	0.0	0.0
ens4 - Interface transmit queue length	1000.0	1000.0	1000.0	1000.0

Softnet Packets



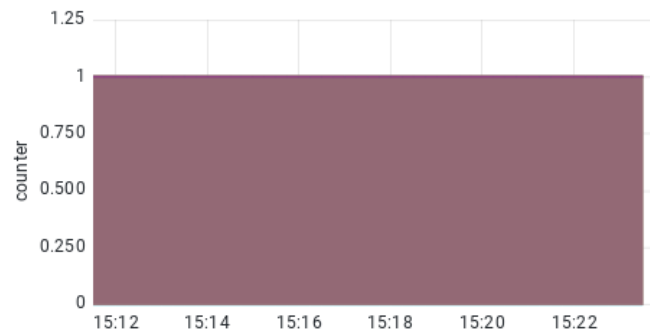
	min	max	avg	current
CPU 12 - Processed	15.8	435	197	40.1
CPU 2 - Processed	11.7	372	176	26.9
CPU 15 - Processed	2.58	347	171	25.0
CPU 0 - Processed	14.0	368	175	22.5

Softnet Out of Quota



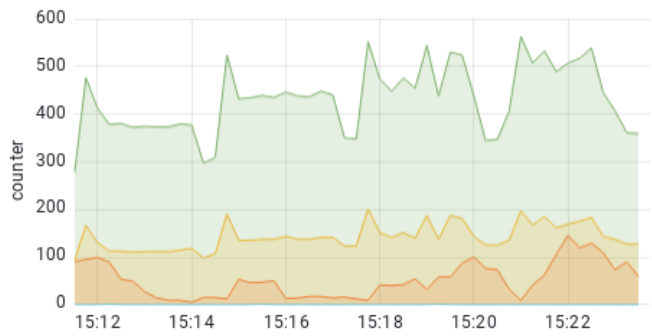
	min	max	avg	current
CPU 9 - Squeezed	0	0	0	0
CPU 8 - Squeezed	0	0	0	0
CPU 7 - Squeezed	0	0	0	0
CPU 6 - Squeezed	0	0	0	0

Network Operational Status



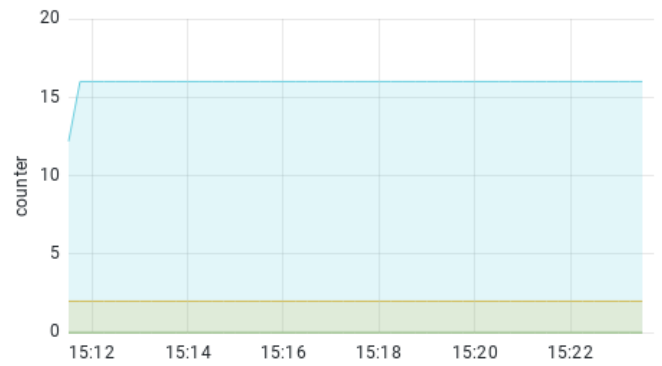
	min	max	avg	current
veth48ee90 - Physical link state	1	1	1	1
vethd755d78 - Physical link state	1	1	1	1
vethd68b882 - Physical link state	1	1	1	1
vethc878394 - Physical link state	1	1	1	1

Sockstat TCP



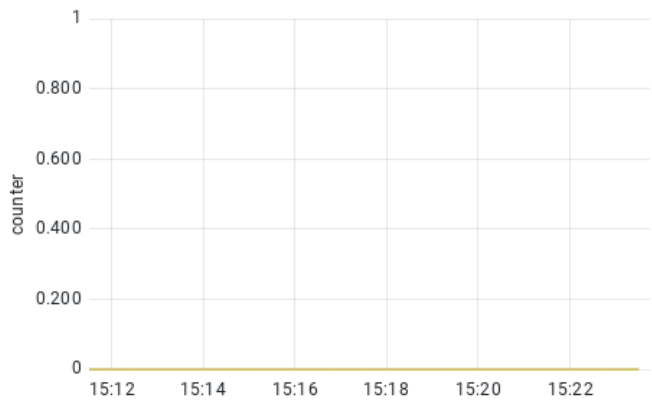
	min	max	avg	current
TCP_alloc - Allocated sockets	269	563	431	359
TCP_inuse - Tcp sockets currently in use	90	201	142	127
TCP_orphan - Orphan sockets	0	1	0.0612	0
TCP_tw - Sockets waiting close	5	145	51.5	59

Sockstat UDP



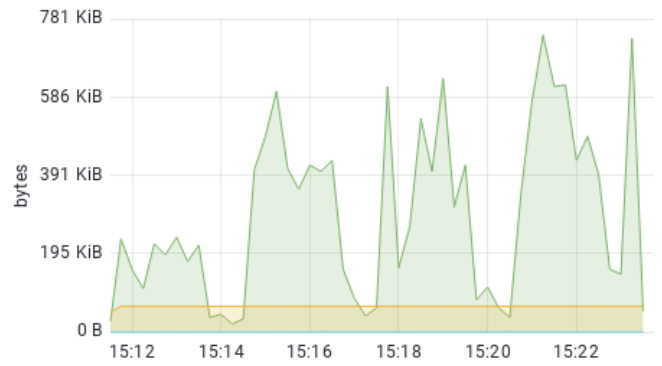
	min	max	avg	current
UDPLITE_inuse - Udp sockets currently in use	0	0	0	0
UDP_inuse - Udp sockets currently in use	2	2	2	2
UDP_mem - Used memory for udp	12	16	15.9	16

Sockstat FRAG / RAW



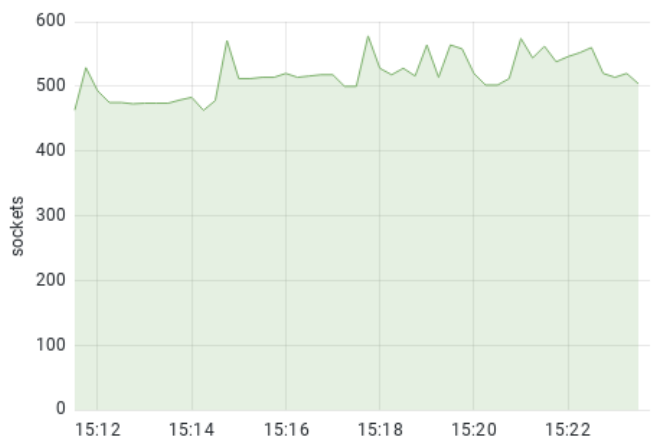
	min	max	avg	current
FRAG_inuse - Frag sockets currently in use	0	0	0	0
RAW_inuse - Raw sockets currently in use	0	0	0	0

Sockstat Memory Size



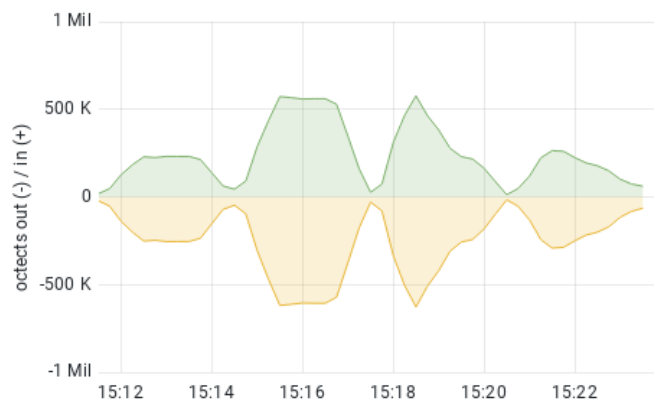
	min	max	avg	current
mem_bytes - TCP sockets in that state	16 KiB	740 KiB	294 KiB	52 K
mem_bytes - UDP sockets in that state	48 KiB	64 KiB	63.7 KiB	64 K
FRAG_memory - Used memory for frag	0 B	0 B	0 B	0

Sockstat Used



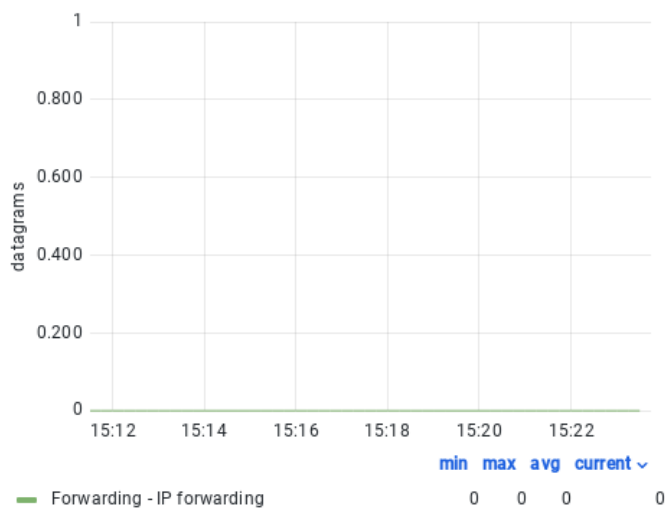
	min	max	avg	current
Sockets_used - Sockets currently in use	460	578	516	504

Netstat IP In / Out Octets

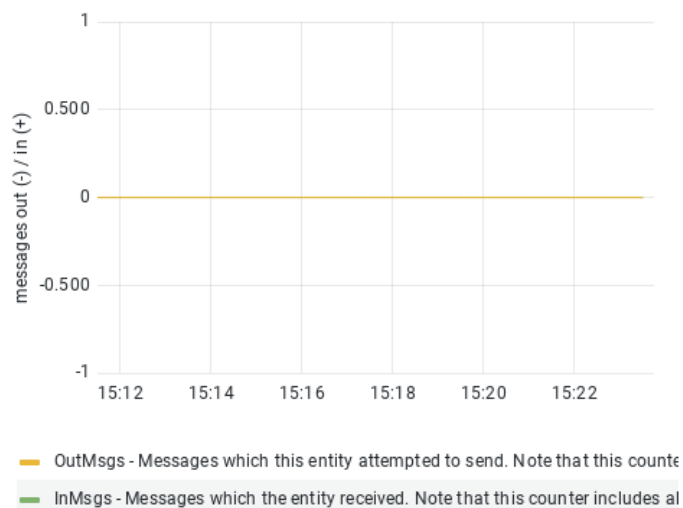


	min	max	avg	current
OutOctets - Sent octets	16.0 K	627 K	264 K	63.7 K
InOctets - Received octets	13.4 K	577 K	242 K	61.6 K

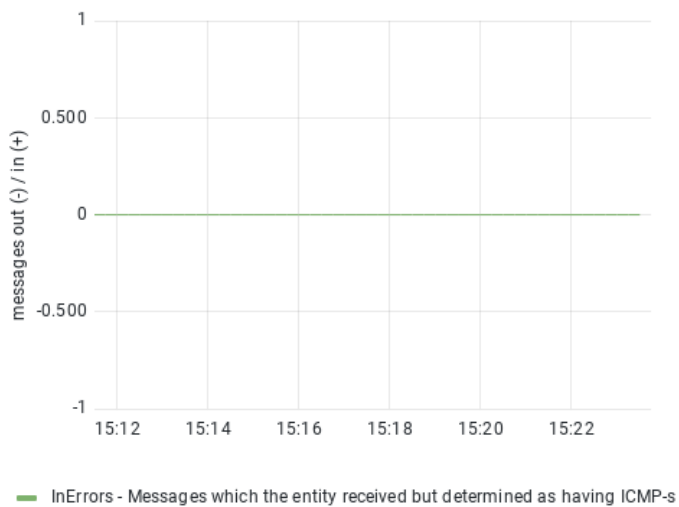
Netstat IP Forwarding



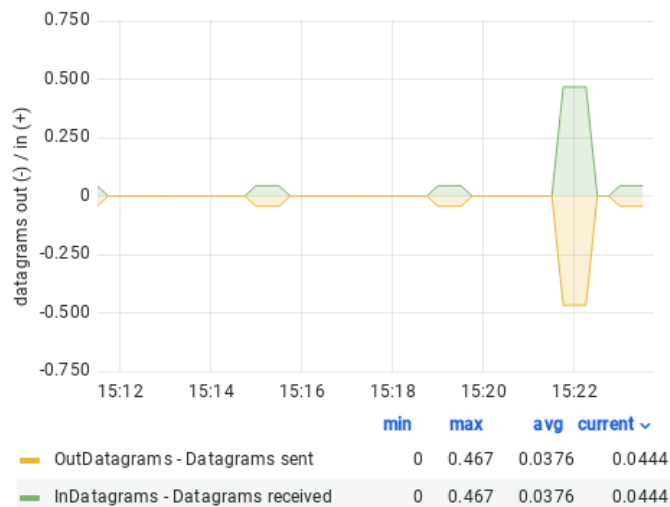
ICMP In / Out



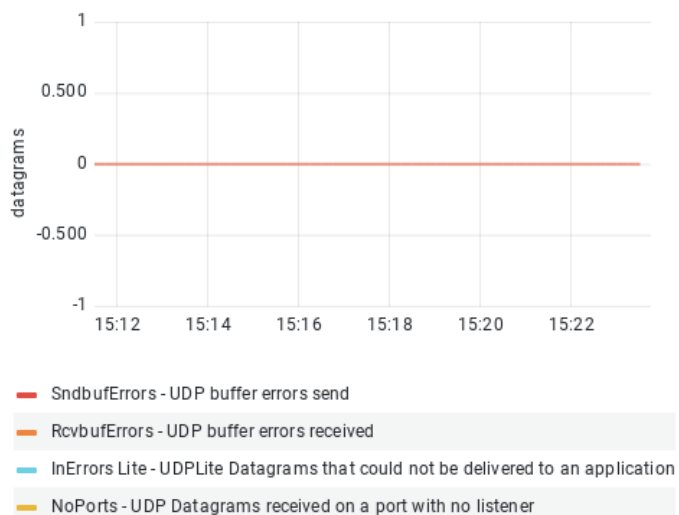
ICMP Errors



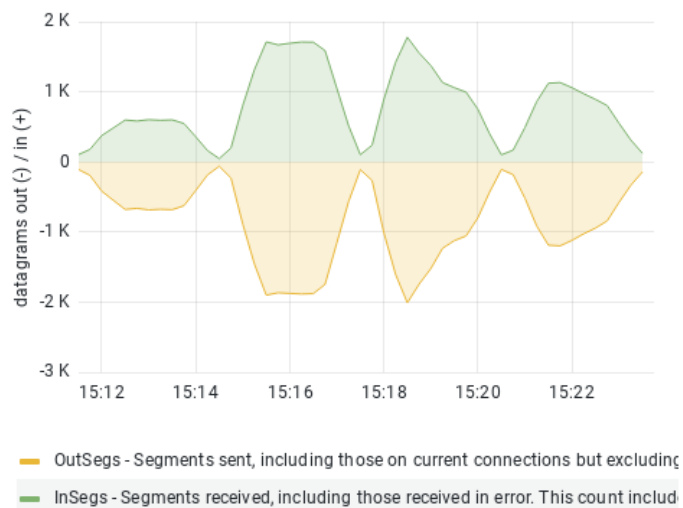
UDP In / Out



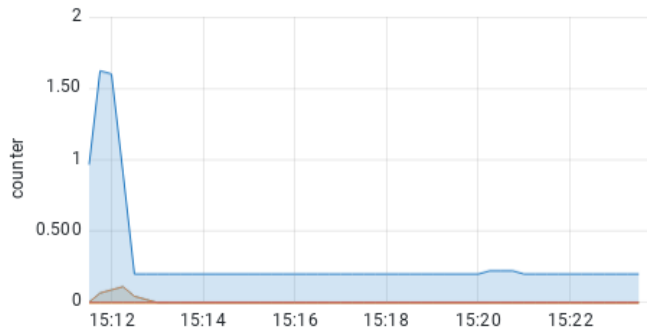
UDP Errors



TCP In / Out

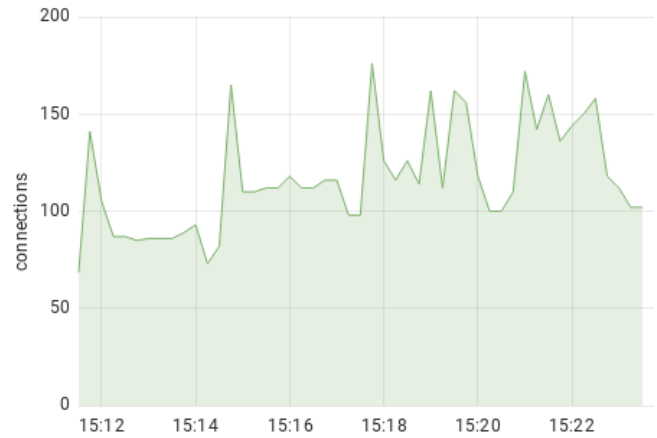


TCP Errors



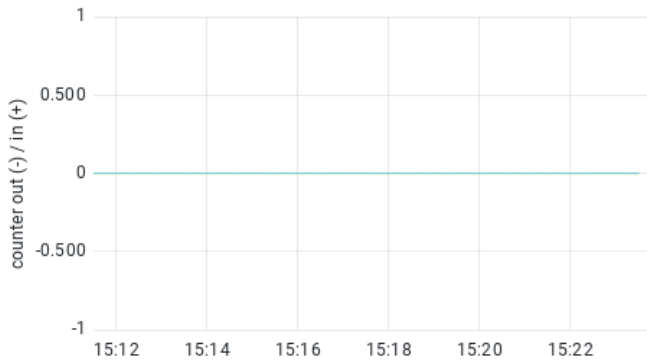
OutRsts - Segments sent with RST flag
 InErrs - Segments received in error (e.g., bad TCP checksums)
 RetransSegs - Segments retransmitted - that is, the number of TCP segments tr
 TCPSynRetrans - SYN-SYN/ACK retransmits to break down retransmissions in

TCP Connections



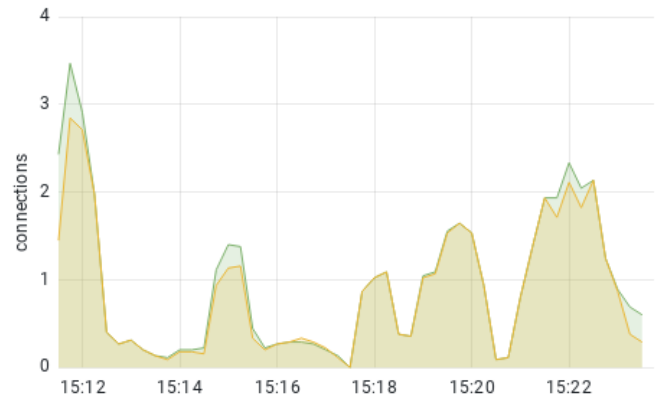
CurrEstab - TCP connections for which the current state is either ESTABLISHED

TCP SynCookie



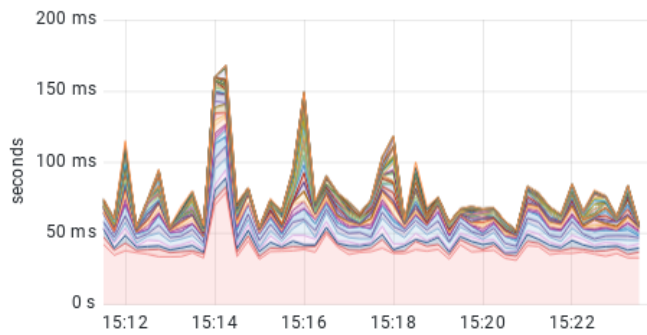
	min	max	avg	current
SyncookiesSent - SYN cookies sent	0	0	0	0
SyncookiesRecv - SYN cookies received	0	0	0	0
SyncookiesFailed - Invalid SYN cookies received	0	0	0	0

TCP Direct Transition



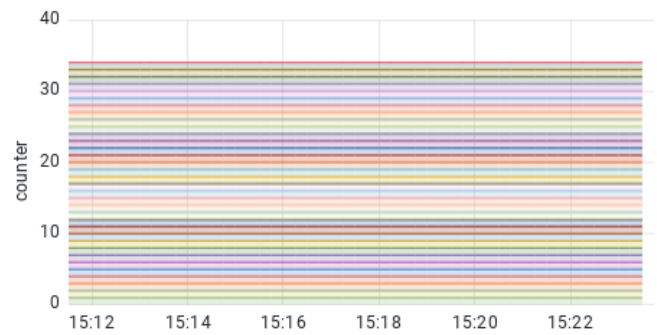
ActiveOpens - TCP connections that have made a direct transition to the SYN-S
 PassiveOpens - TCP connections that have made a direct transition to the SYN

Node Exporter Scrape Time



	min	max	avg	current
netclass - Scrape duration	31.3 ms	78.7 ms	38.5 ms	33.1
thermal_zone - Scrape duration	1.17 ms	6.03 ms	3.04 ms	4.03
filesystem - Scrape duration	1.12 ms	6.39 ms	3.03 ms	2.93
netstat - Scrape duration	708 μs	6.62 ms	2.76 ms	2.84

Node Exporter Scrape



	min	max	avg	current
arp - Scrape success	1	1	1	1
bcache - Scrape success	1	1	1	1
bonding - Scrape success	0	0	0	0
btrfs - Scrape success	1	1	1	1