

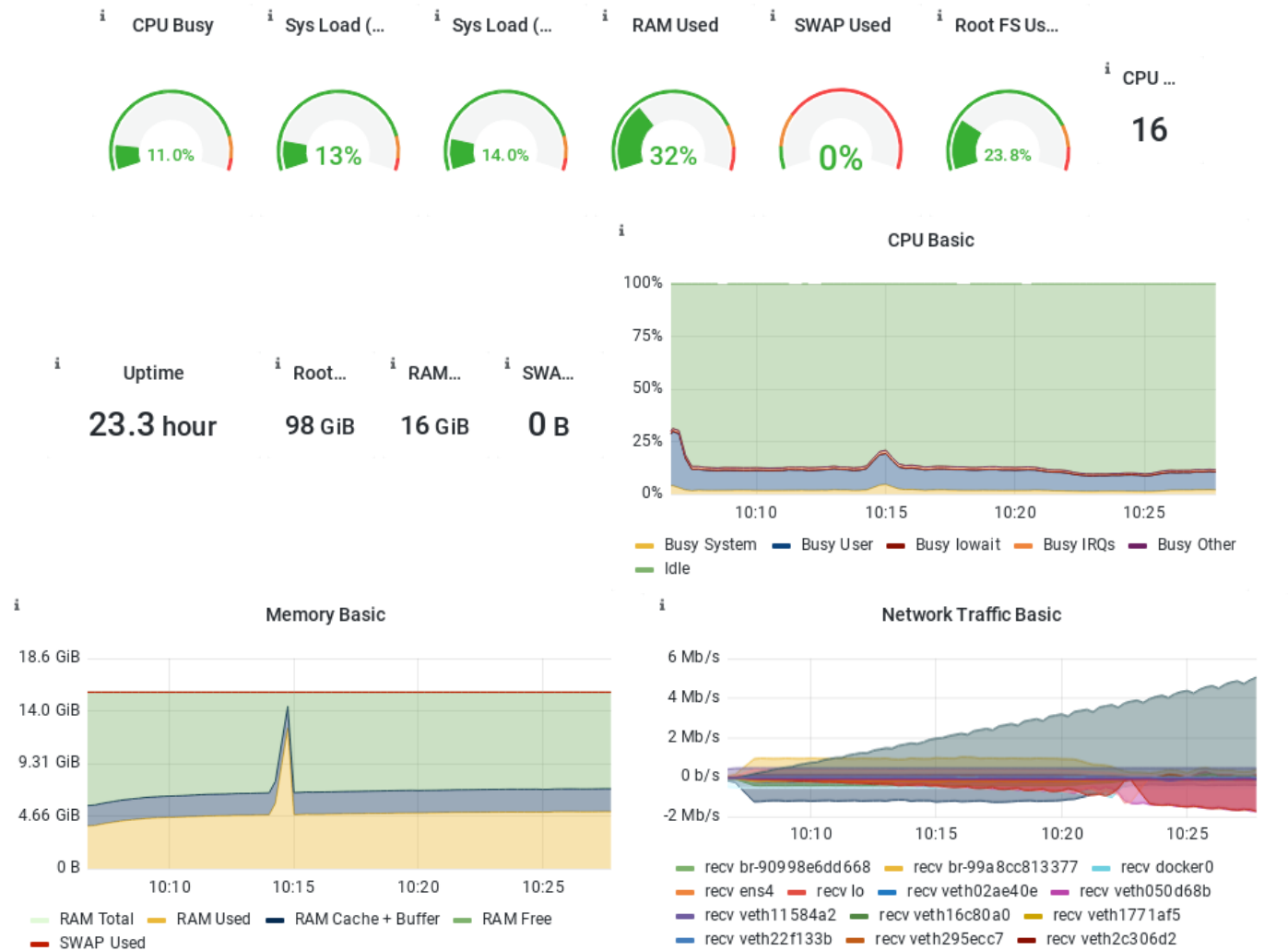
Host Metrics

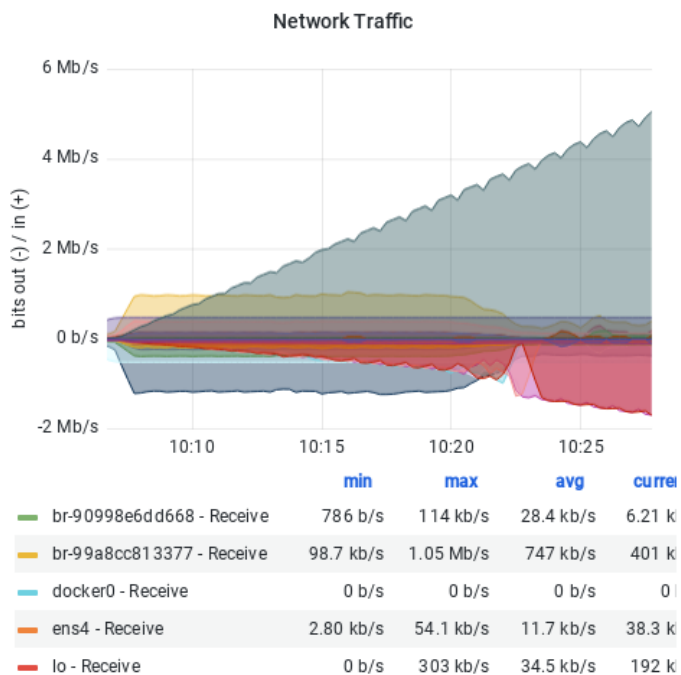
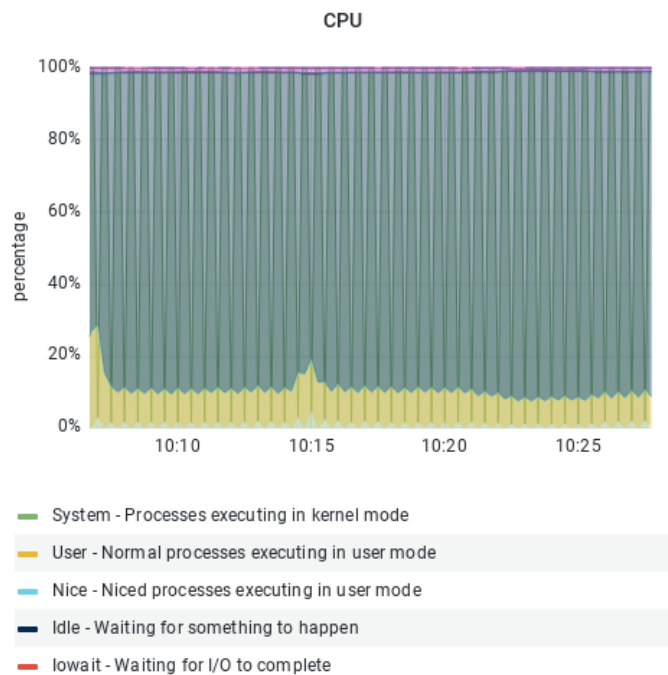
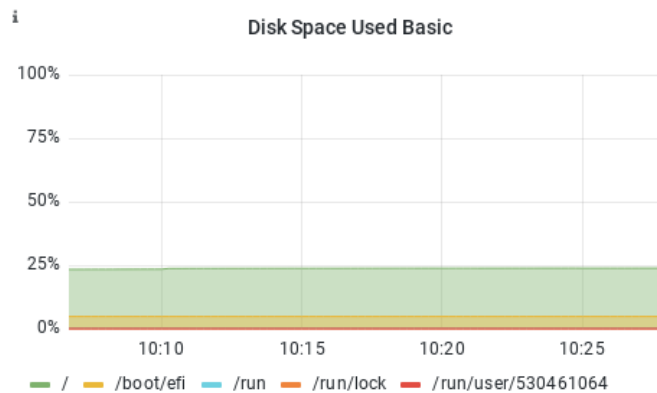
The dashboard visualizes host metrics collected by node_exporter. (based on: <https://grafana.com/grafana/dashboards/1860>)

Fri Oct 21 10:06:41 UTC 2022

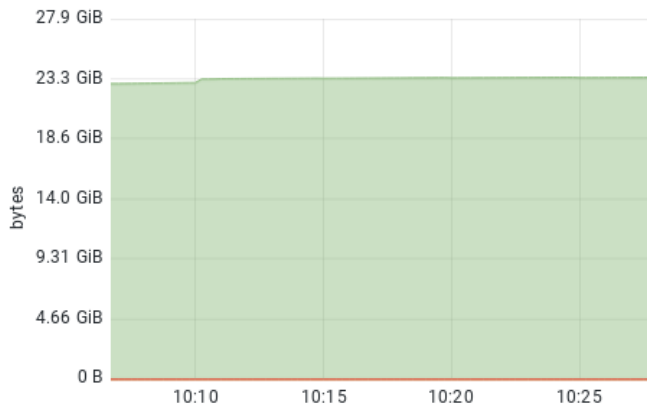
to

Fri Oct 21 10:27:45 UTC 2022



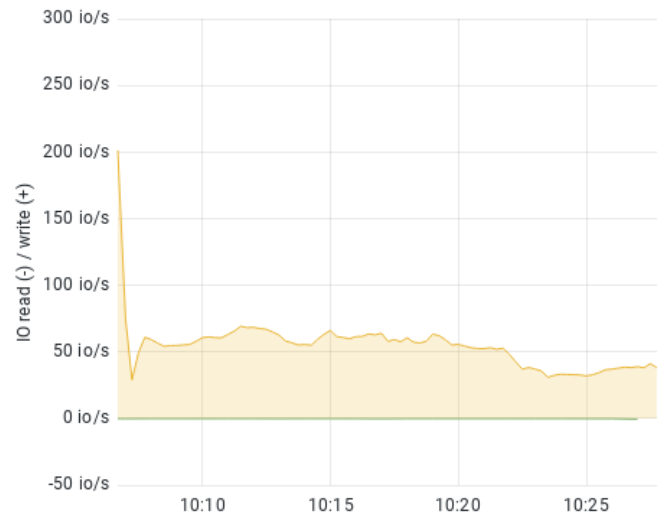


Disk Space Used



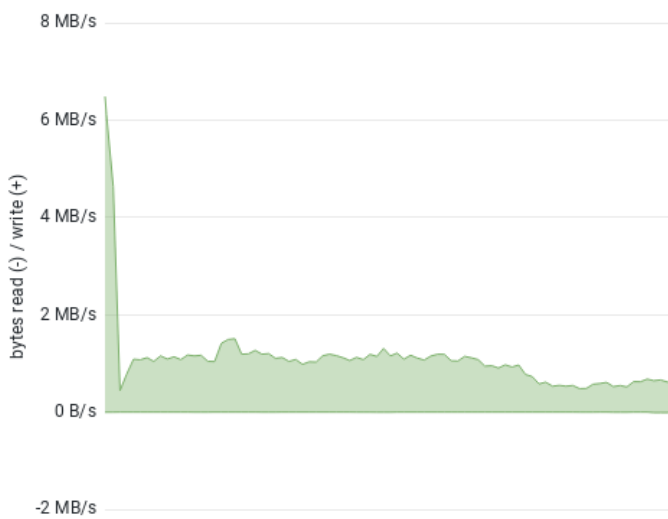
	min	max	avg	current ^
/run/lock	0.000 B	0.000 B	0.000 B	0.000 B
/run/user/530461064	0.000 B	0.000 B	0.000 B	0.000 B
/run	3.570 MiB	3.570 MiB	3.570 MiB	3.570 MiB
/boot/efi	5.898 MiB	5.898 MiB	5.898 MiB	5.898 MiB
/	22.906 GiB	23.390 GiB	23.272 GiB	23.385 GiB

Disk IOps



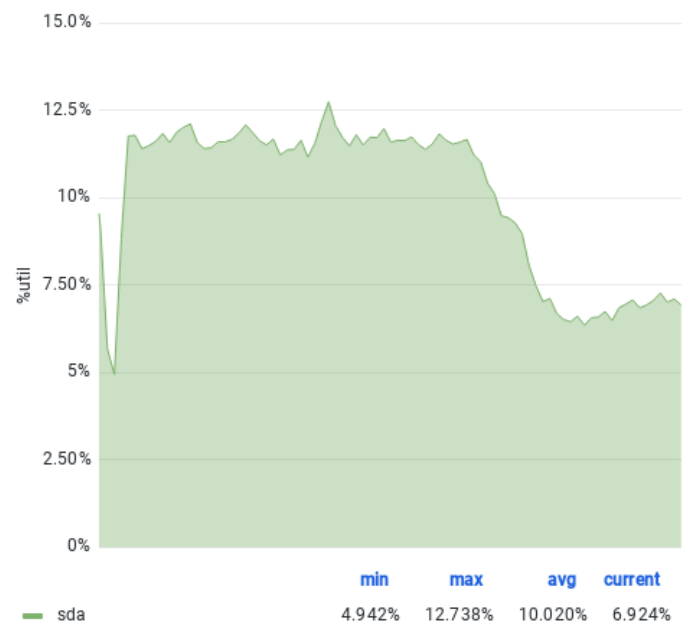
	min	max	avg	current
sda - Reads completed	0 io/s	0.400 io/s	0.0326 io/s	0.400 io/s
sda - Writes completed	29.0 io/s	282 io/s	56.8 io/s	38.4 io/s

I/O Usage Read / Write



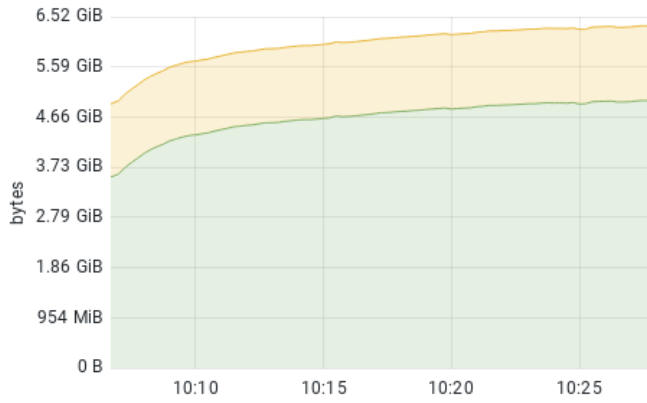
	min	max	avg
sda - Successfully read bytes	0.000 B/s	10.832 kB/s	837.200 B/s
sda - Successfully written bytes	441.812 kB/s	7.804 MB/s	1.147 MB/s

I/O Utilization



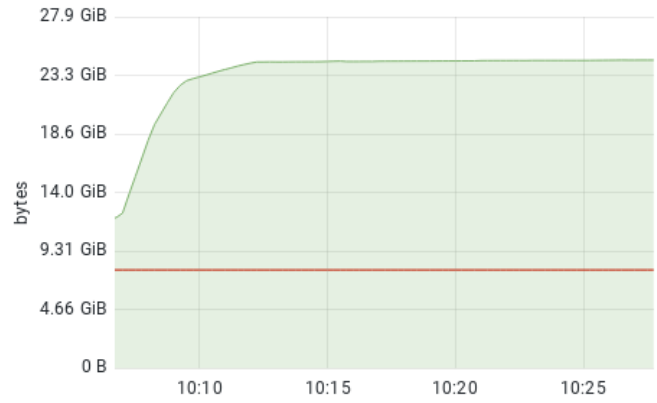
	min	max	avg	current
sda	4.942%	12.738%	10.020%	6.924%

Memory Active / Inactive



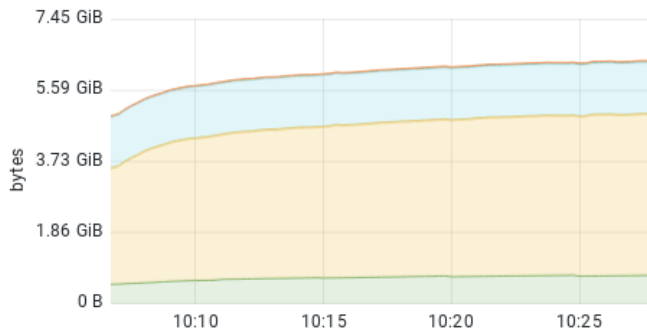
— Inactive - Memory which has been less recently used. It is more eligible to be re
 — Active - Memory that has been used more recently and usually not reclaimed u

Memory Committed



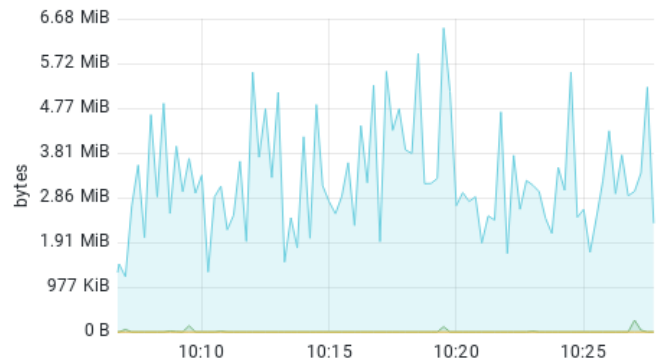
— Committed_AS - Amount of memory presently allocated on the system
 — CommitLimit - Amount of memory currently available to be allocated on the sy

Memory Active / Inactive Detail



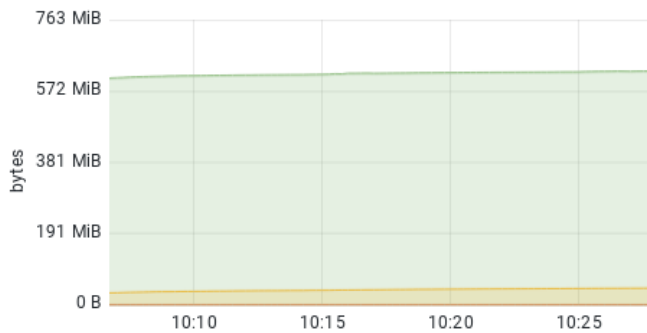
— Inactive_file - File-backed memory on inactive LRU list
 — Inactive_anon - Anonymous and swap cache on inactive LRU list, including tmp
 — Active_file - File-backed memory on active LRU list
 — Active_anon - Anonymous and swap cache on active least-recently-used (LRU)

Memory Writeback and Dirty



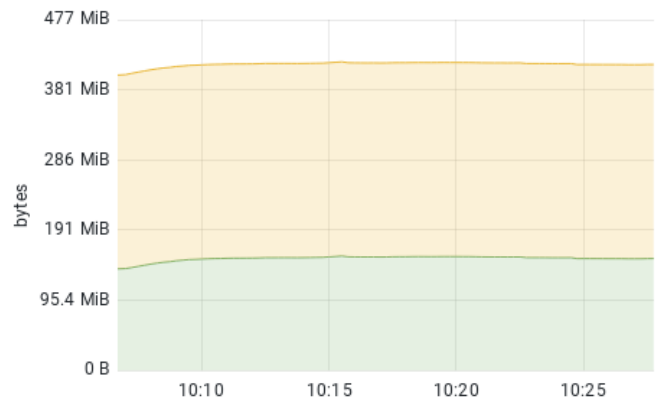
— Writeback - Memory which is actively being written back to disk
 — WritebackTmp - Memory used by FUSE for temporary writeback buffers
 — Dirty - Memory which is waiting to get written back to the disk 624.

Memory Shared and Mapped



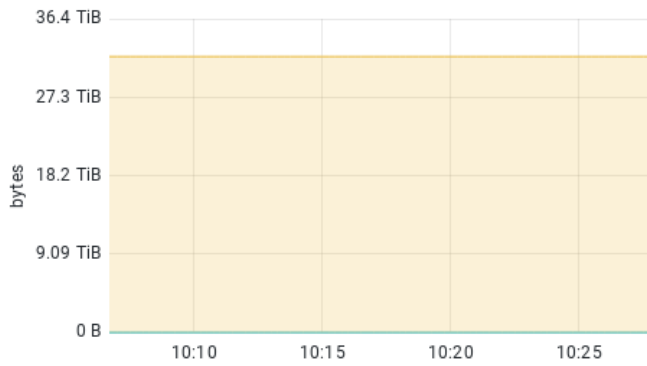
— Mapped - Used memory in mapped pages files which have been mmaped, such
 — Shmem - Used shared memory (shared between several processes, thus includ
 — ShmemHugePages - Memory used by shared memory (shmem) and tmpfs allc
 — ShmemPmdMapped - Ammount of shared (shmem/tmpfs) memory backed by

Memory Slab

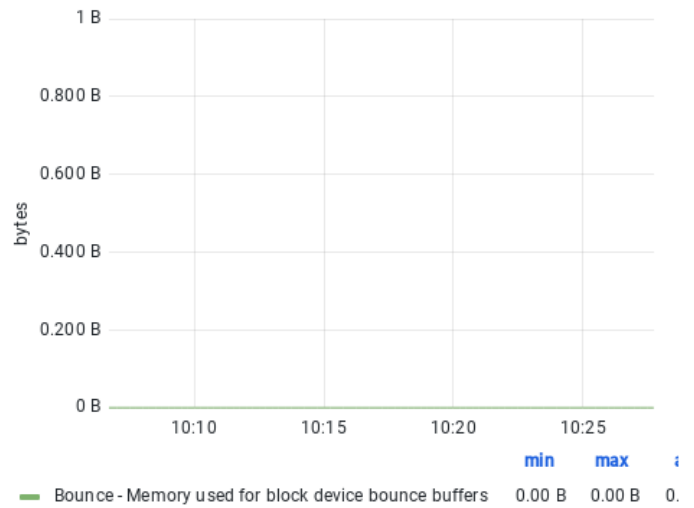


— SUnreclaim - Part of Slab, that cannot be reclaimed on memory pressure 13
 — SReclaimable - Part of Slab, that might be reclaimed, such as caches 26

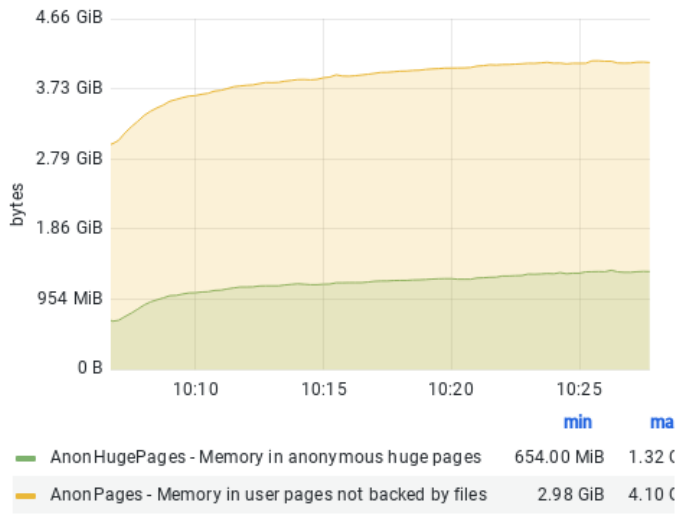
Memory Vmalloc



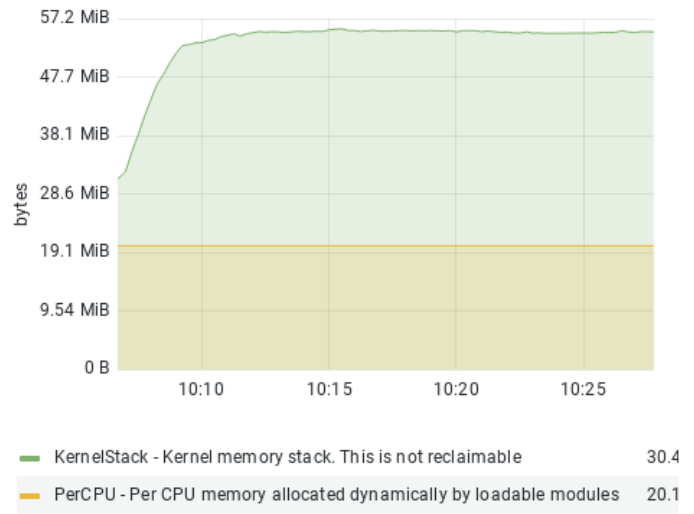
Memory Bounce



Memory Anonymous



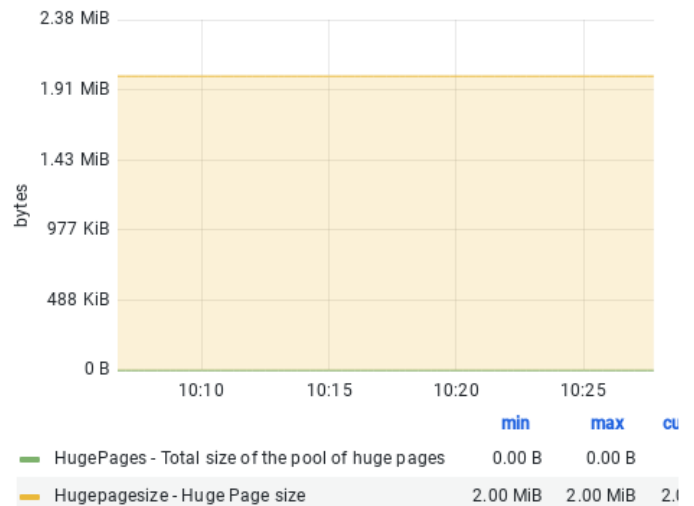
Memory Kernel / CPU



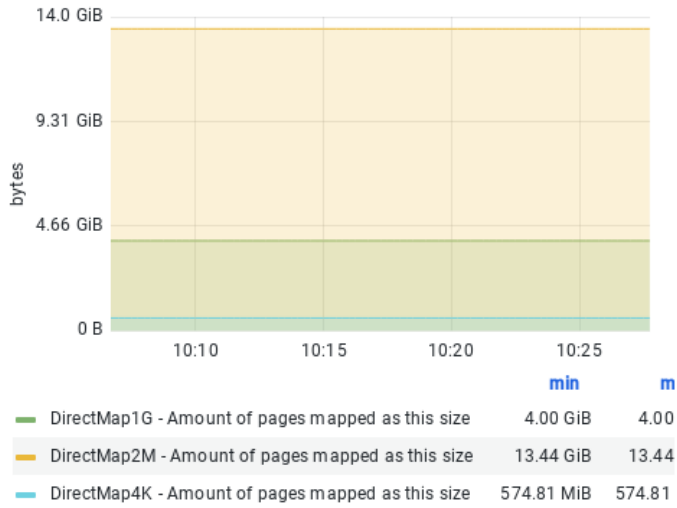
Memory HugePages Counter



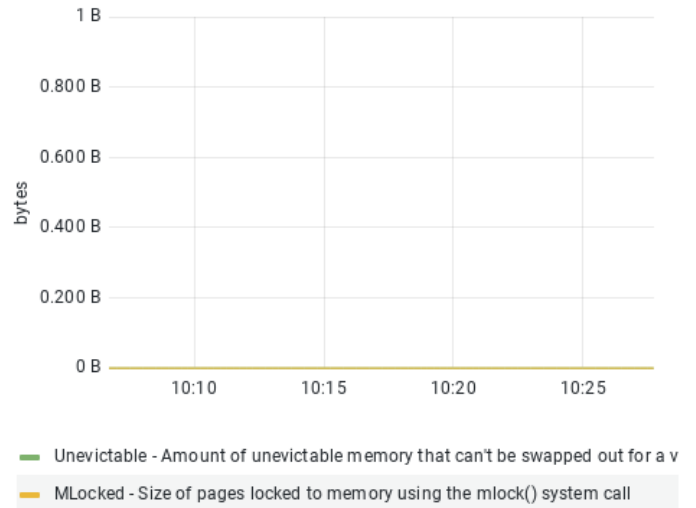
Memory HugePages Size



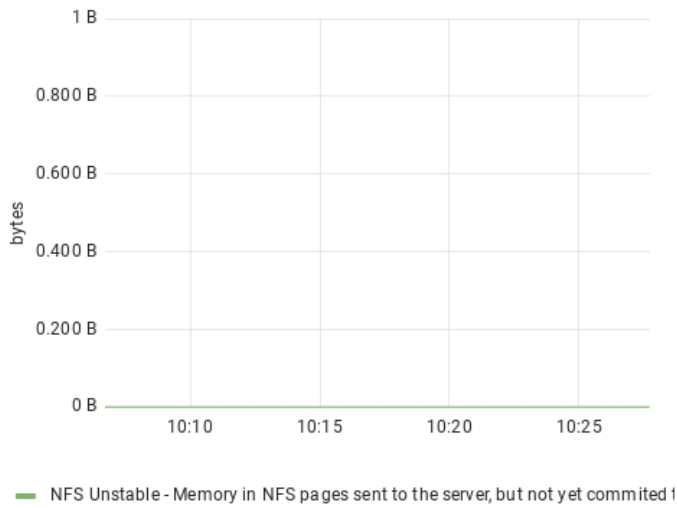
Memory DirectMap



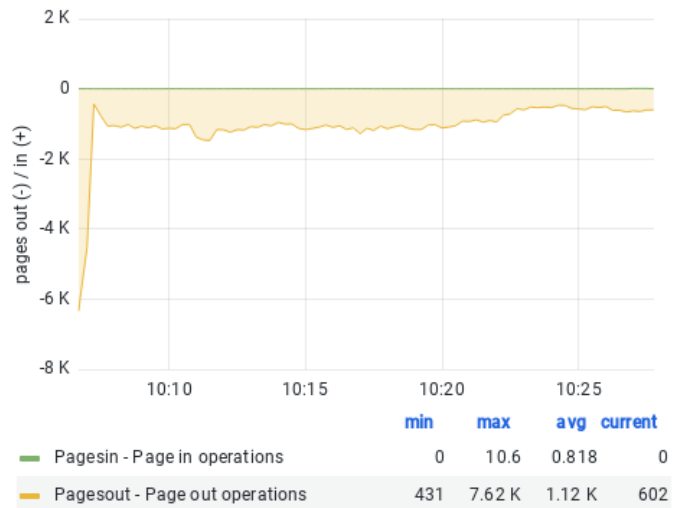
Memory Unevictable and MLocked



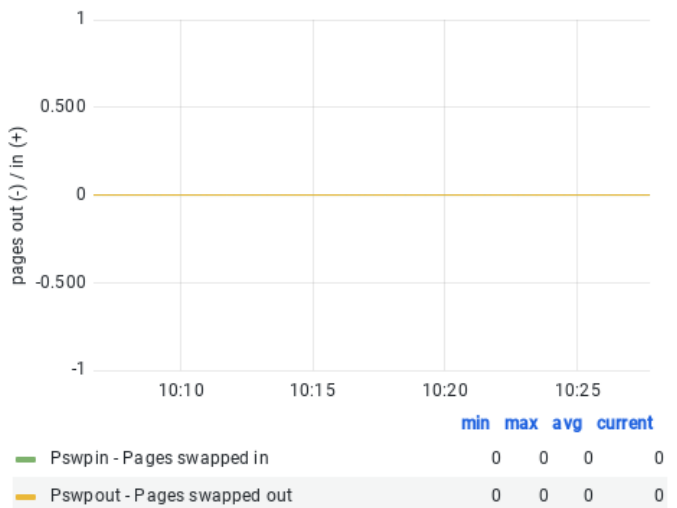
Memory NFS



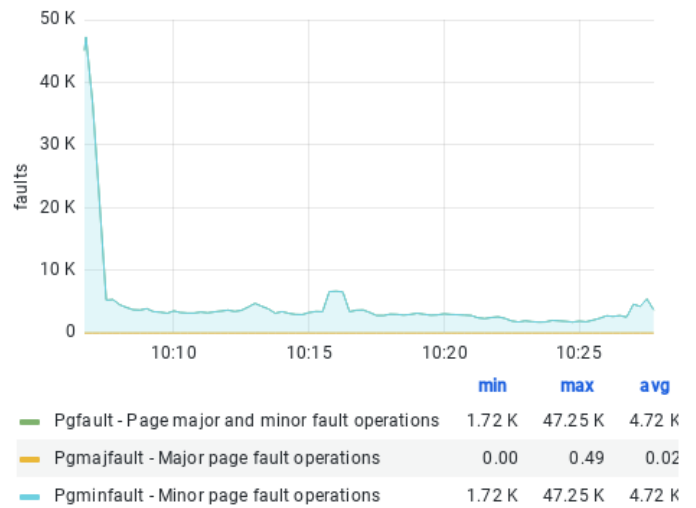
Memory Pages In / Out



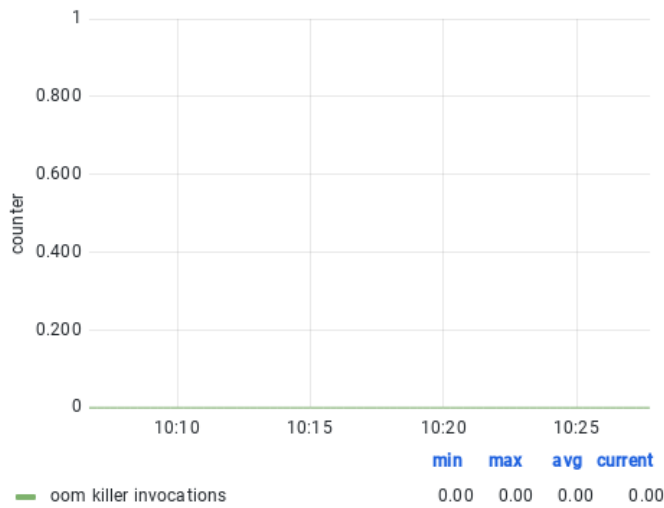
Memory Pages Swap In / Out



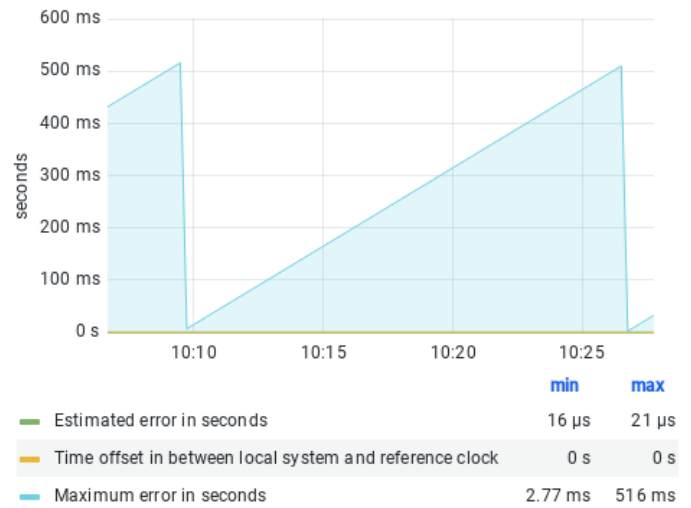
Memory Page Faults



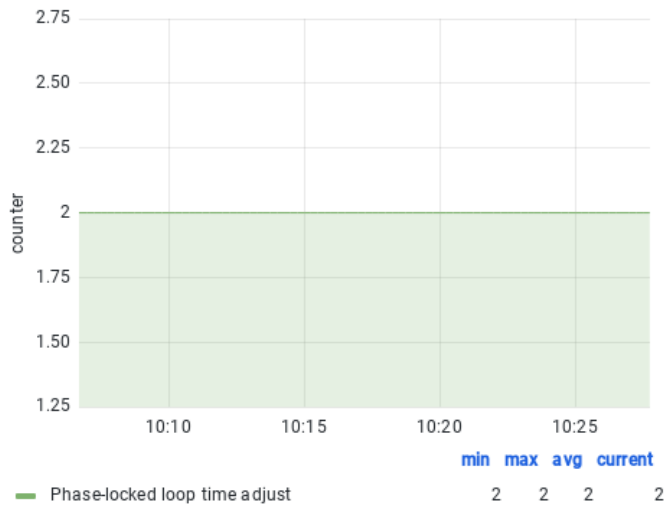
OOM Killer



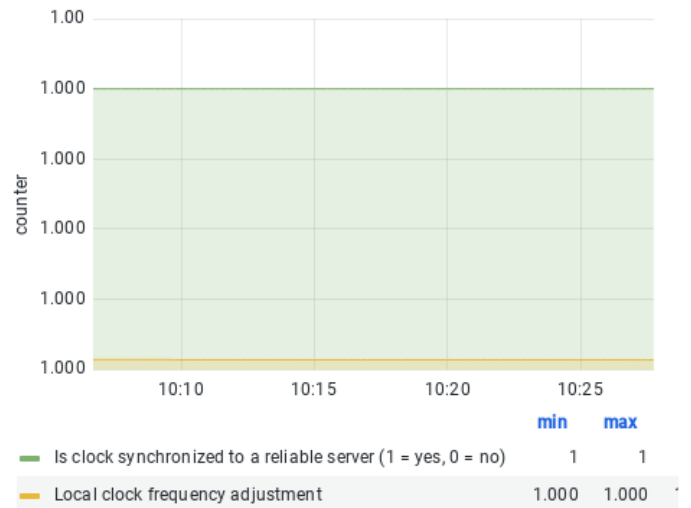
Time Synchronized Drift



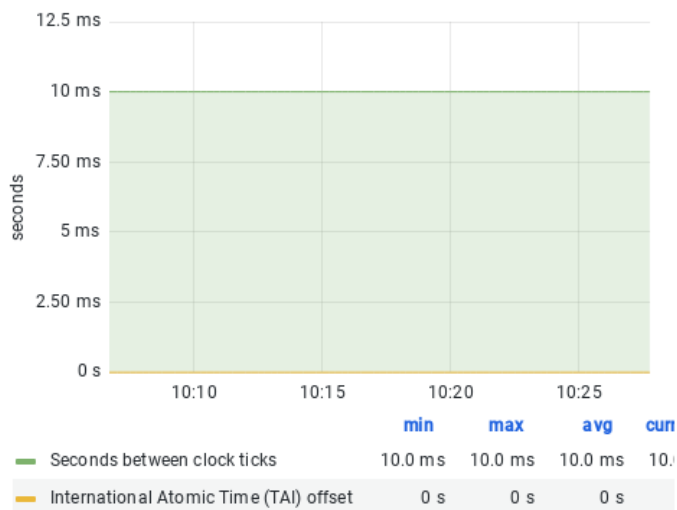
Time PLL Adjust



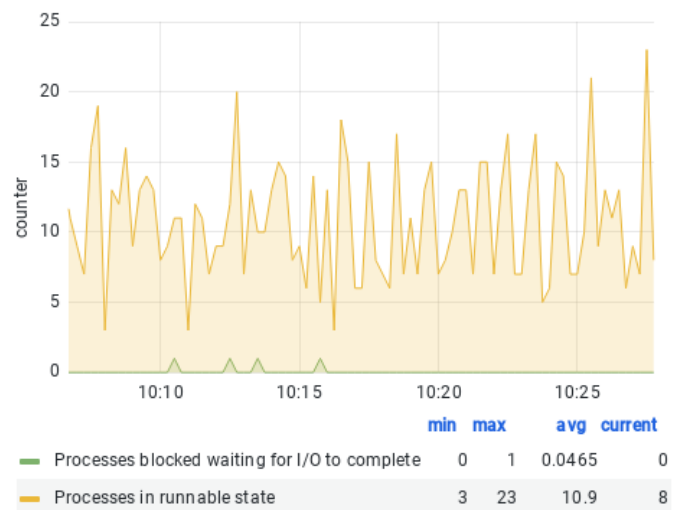
Time Synchronized Status



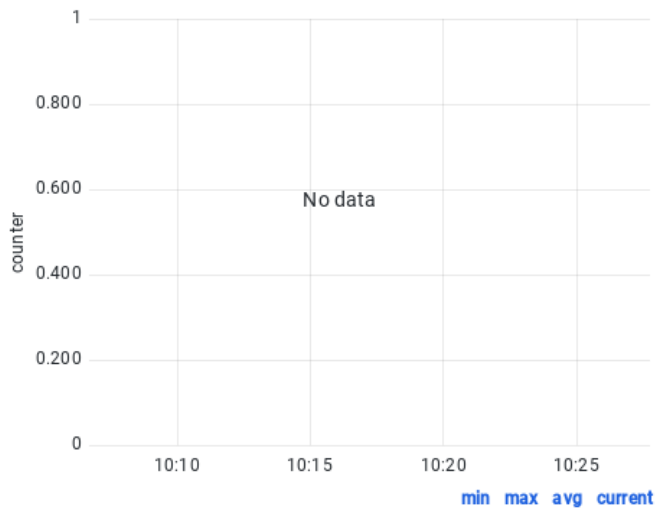
Time Misc



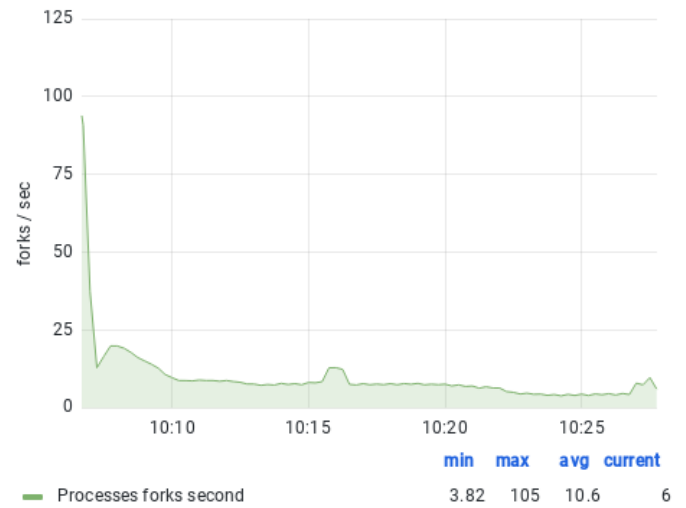
Processes Status



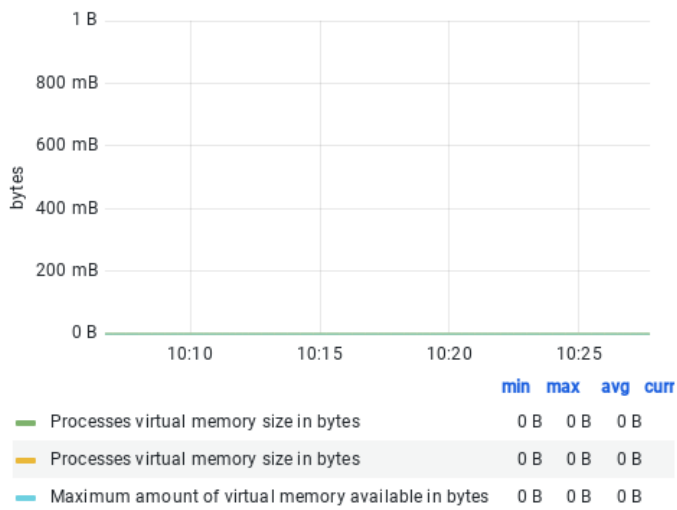
Processes State



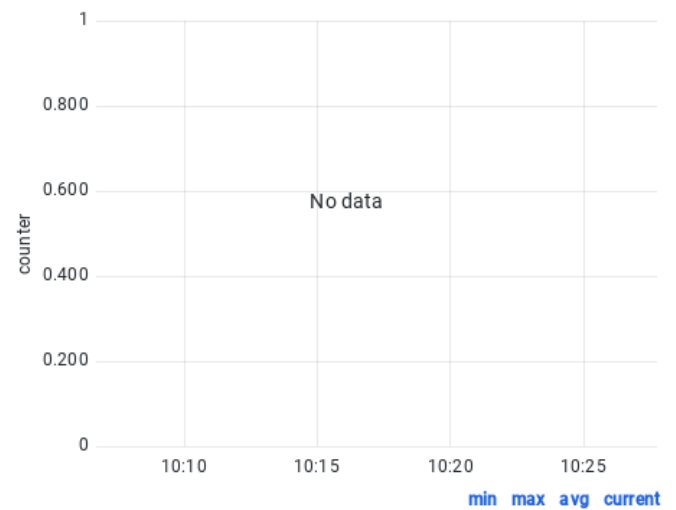
Processes Forks



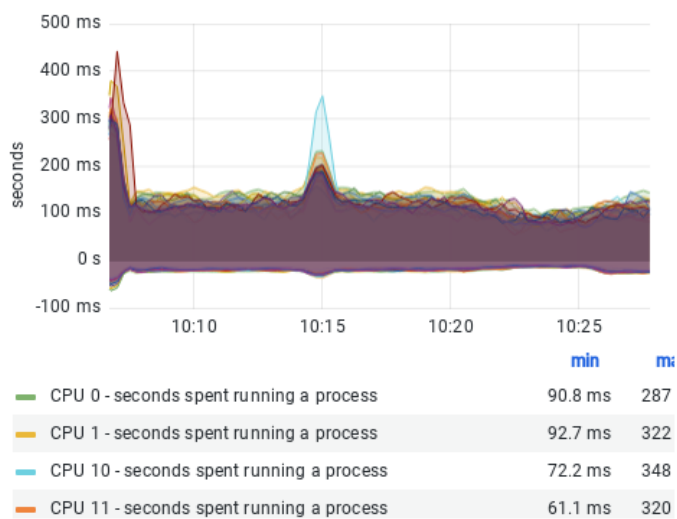
Processes Memory



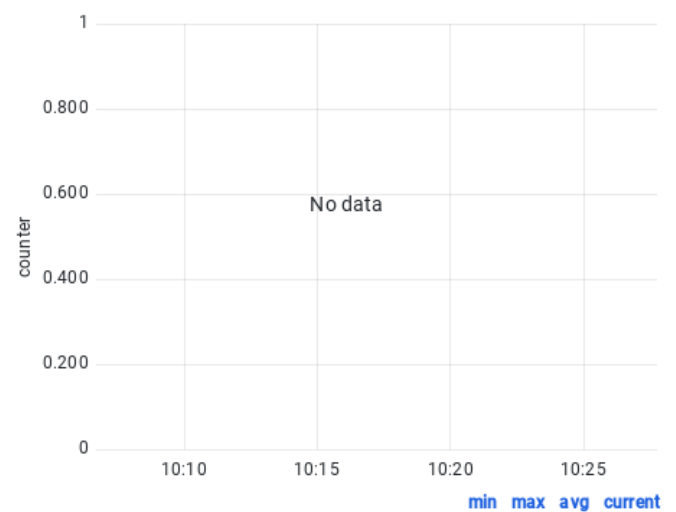
PIDs Number and Limit



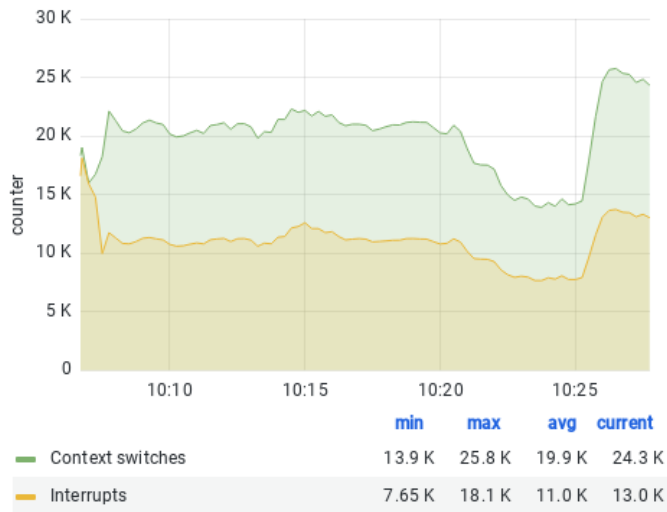
Process schedule stats Running / Waiting



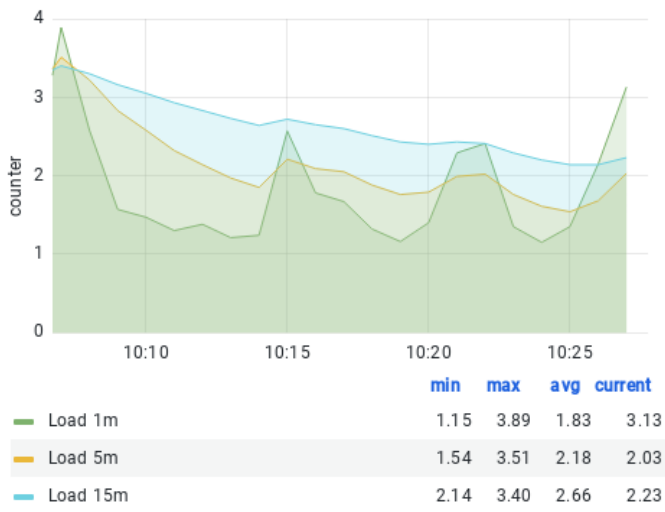
Threads Number and Limit



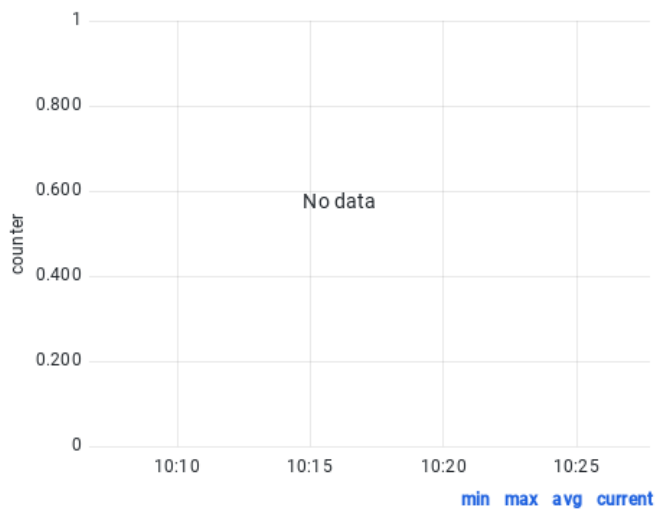
Context Switches / Interrupts



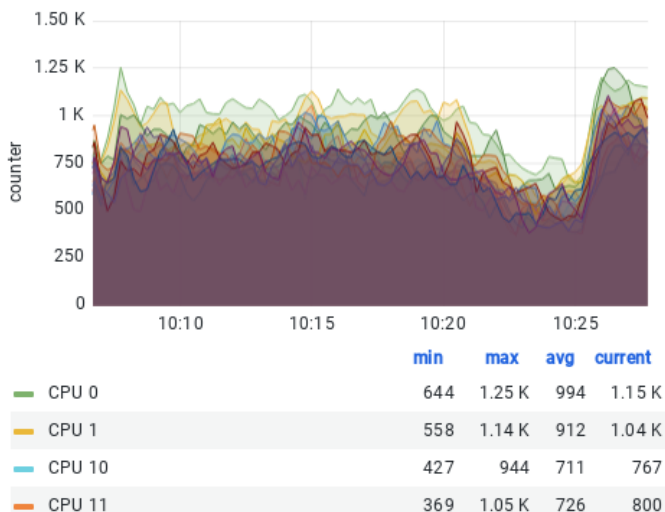
System Load



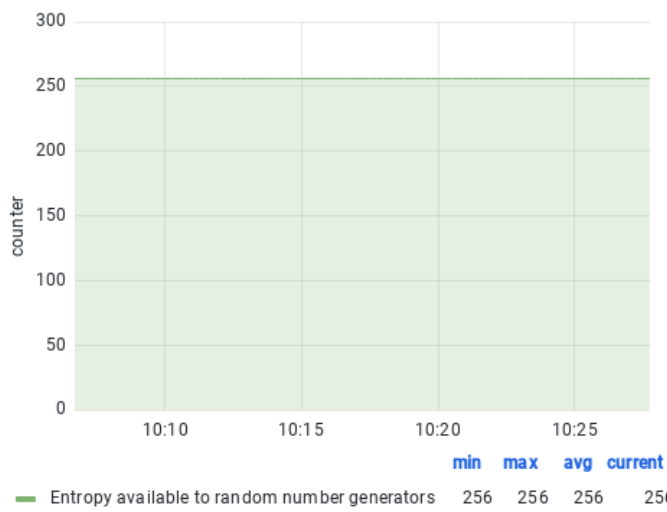
Interrupts Detail



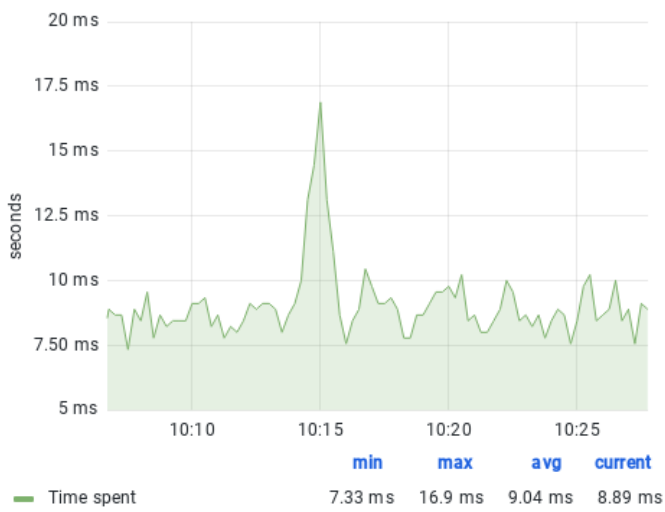
Schedule timeslices executed by each cpu



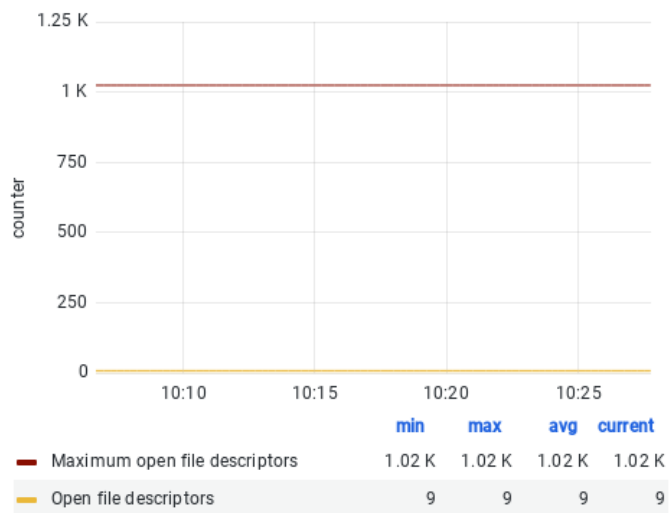
Entropy



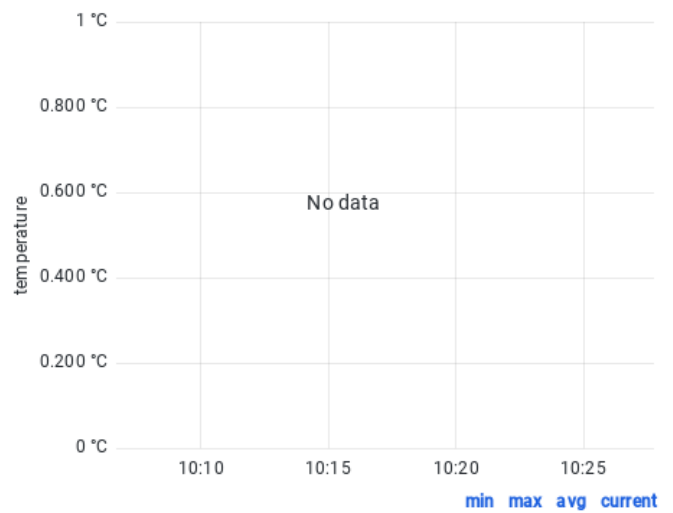
CPU time spent in user and system contexts



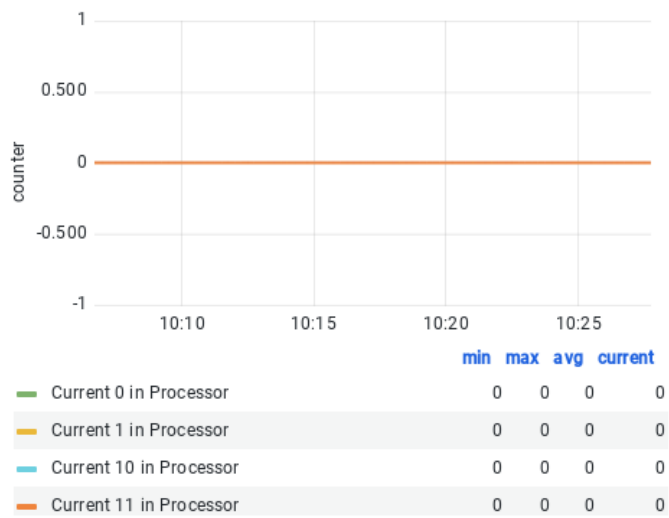
File Descriptors



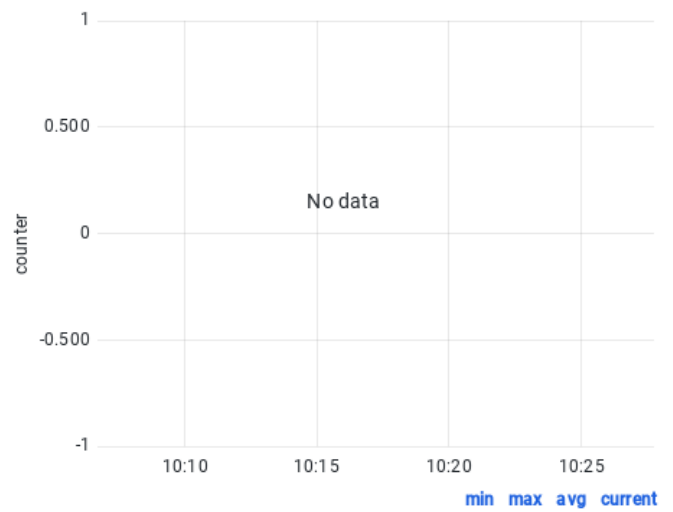
Hardware temperature monitor



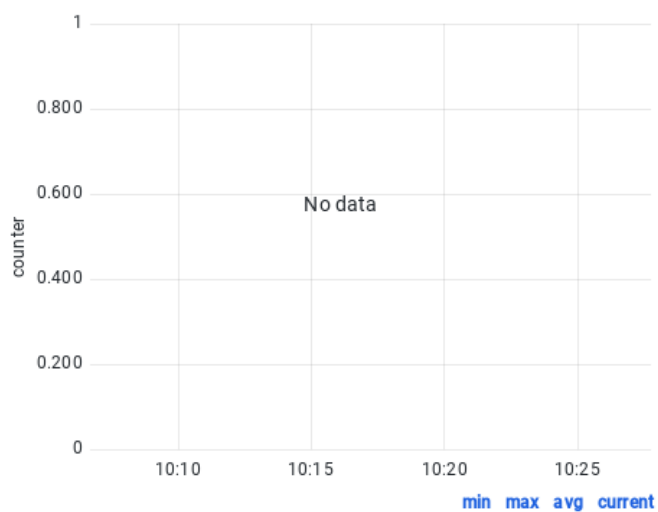
Throttle cooling device



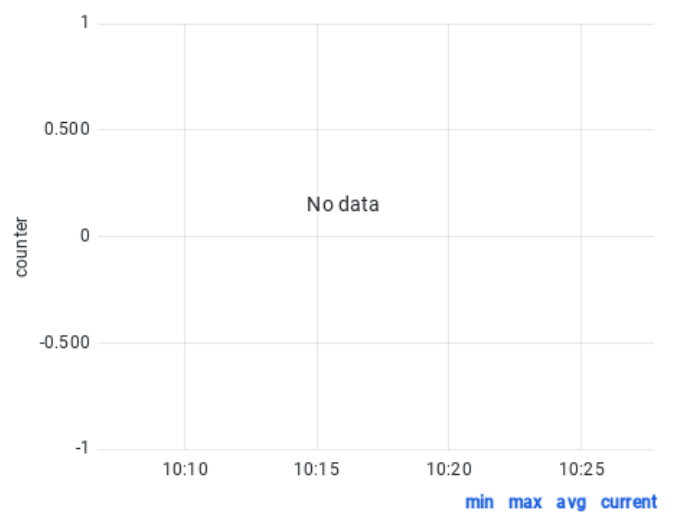
Power supply

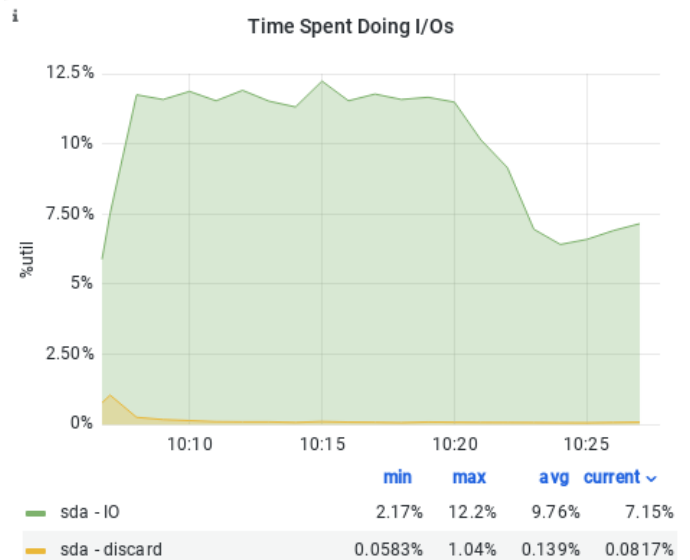
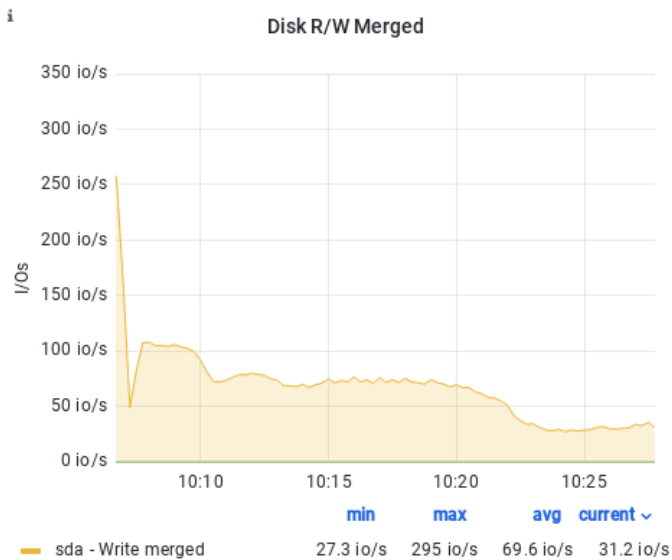
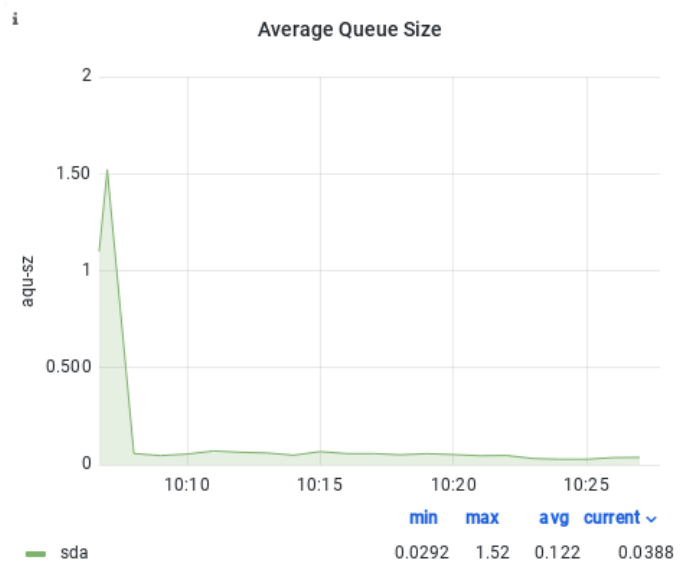
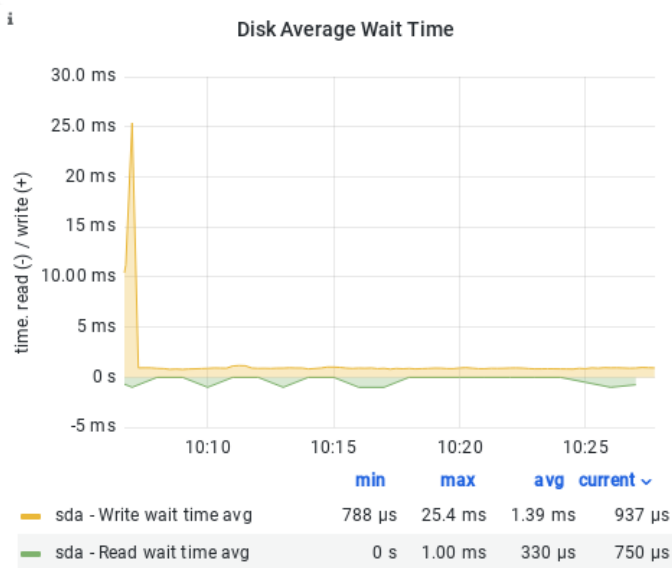
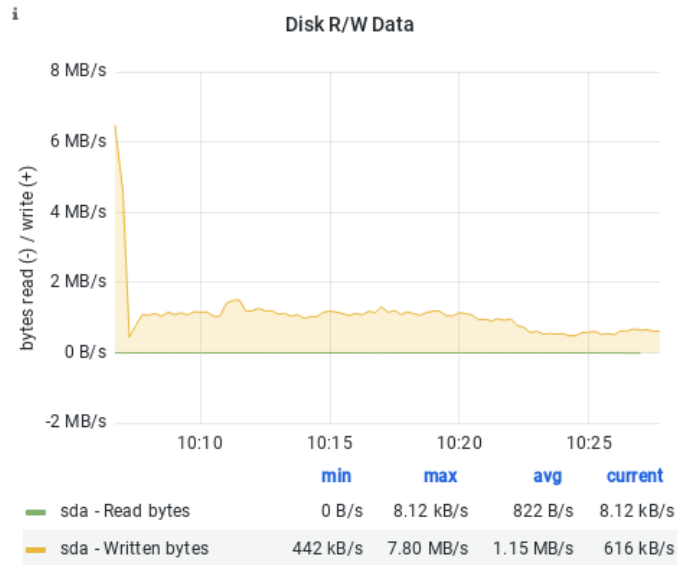
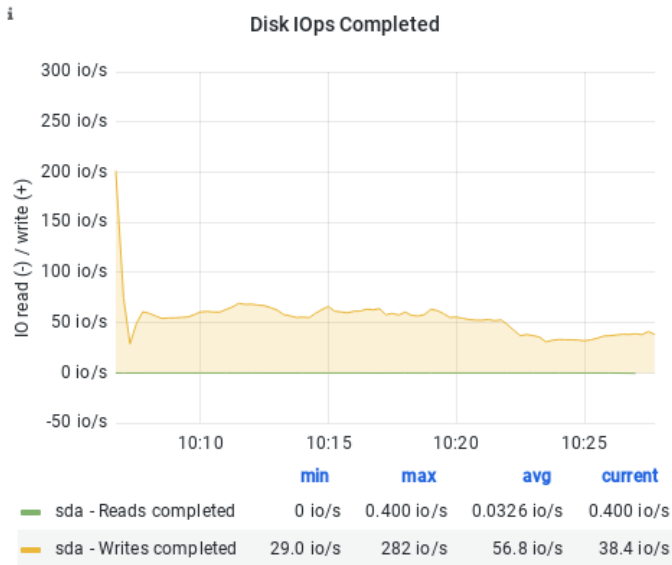


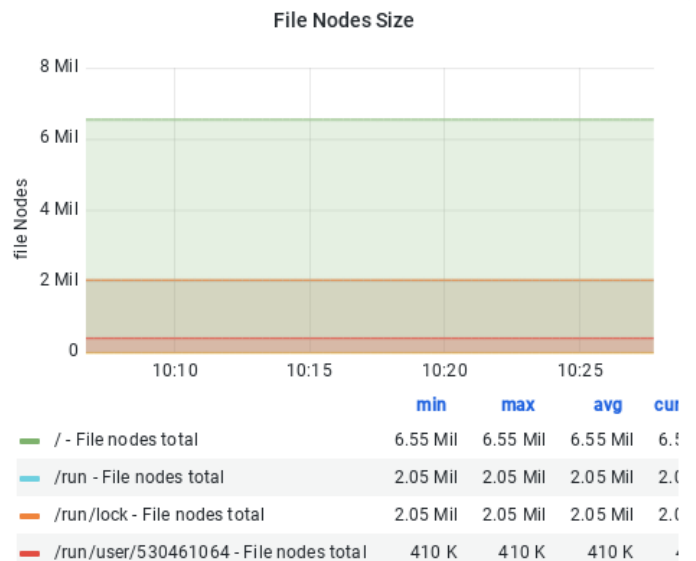
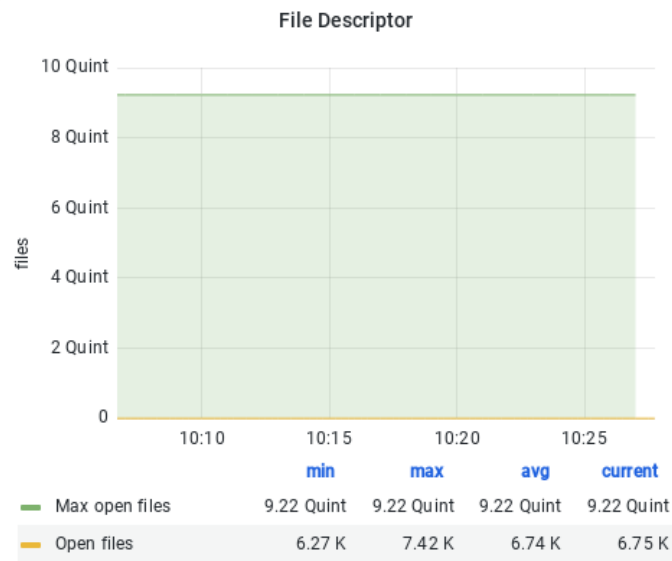
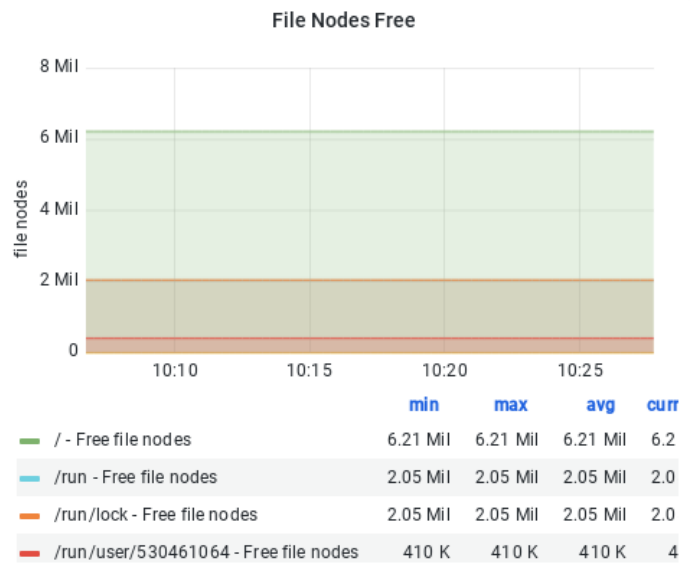
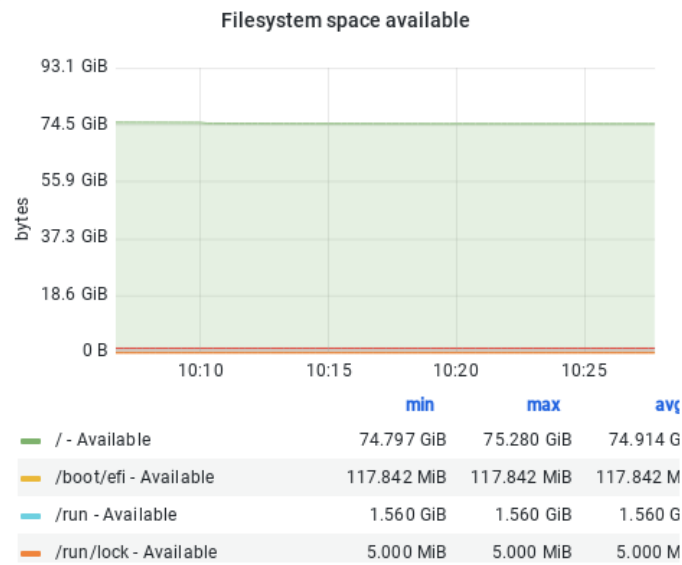
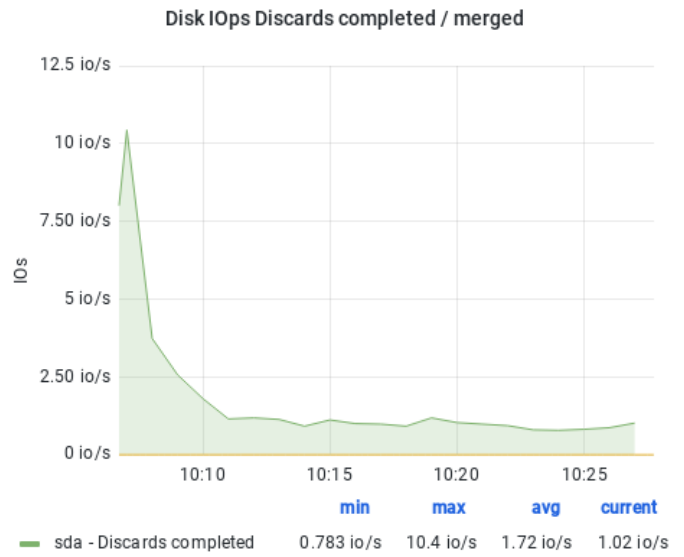
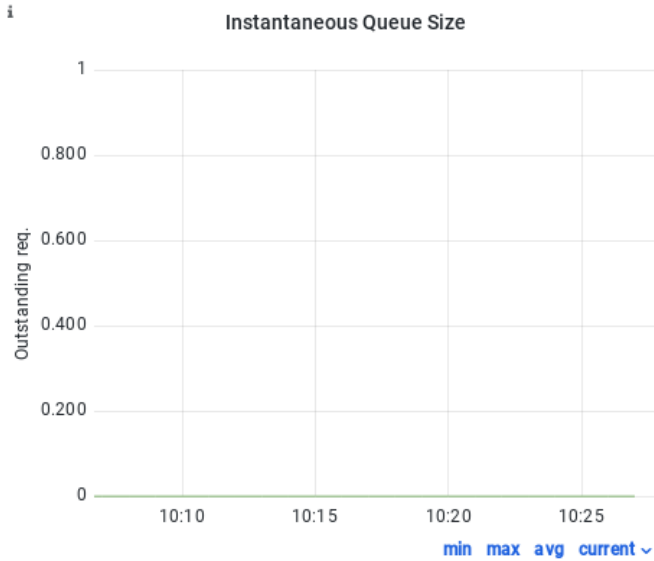
Systemd Sockets

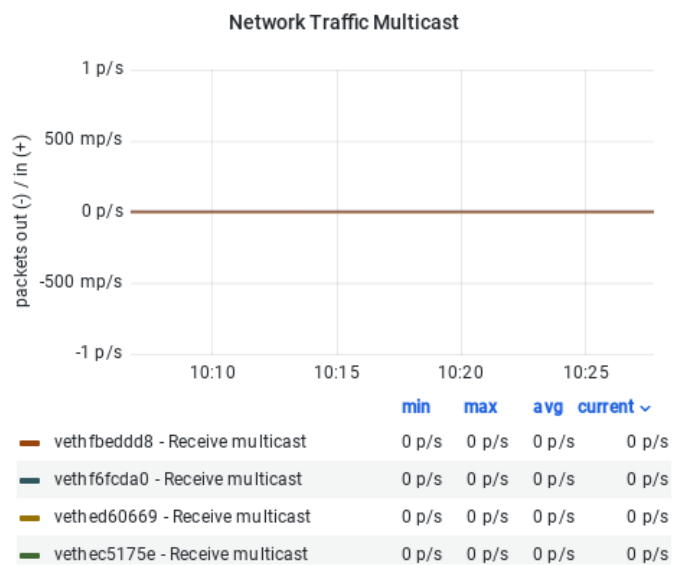
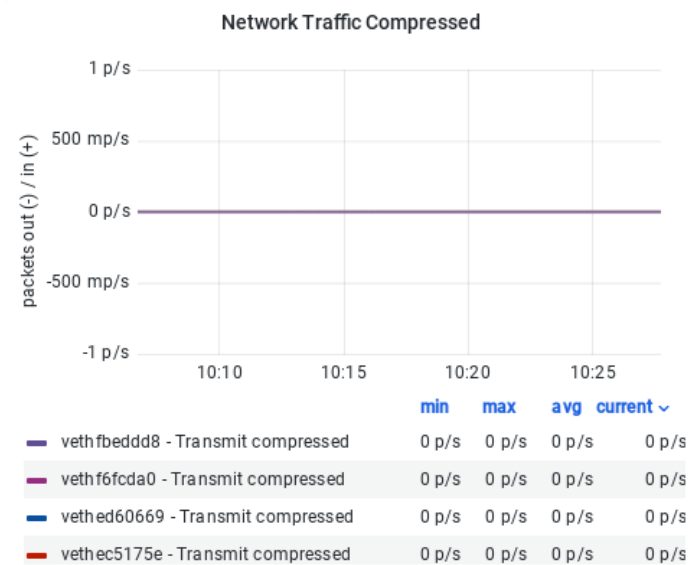
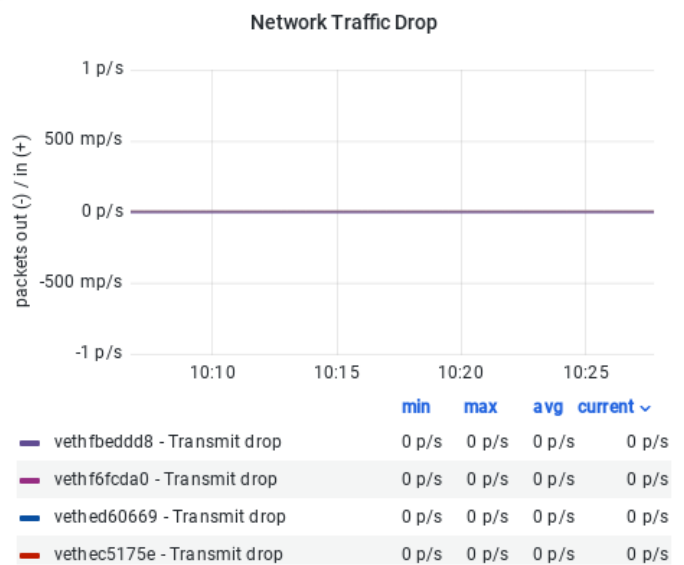
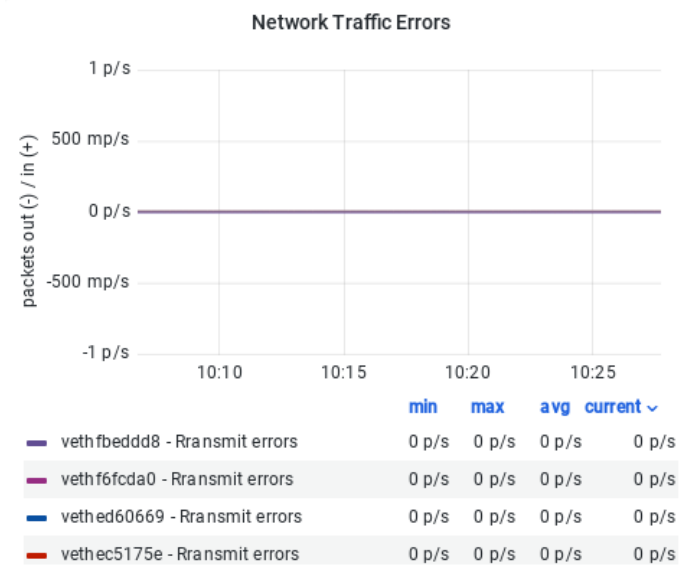
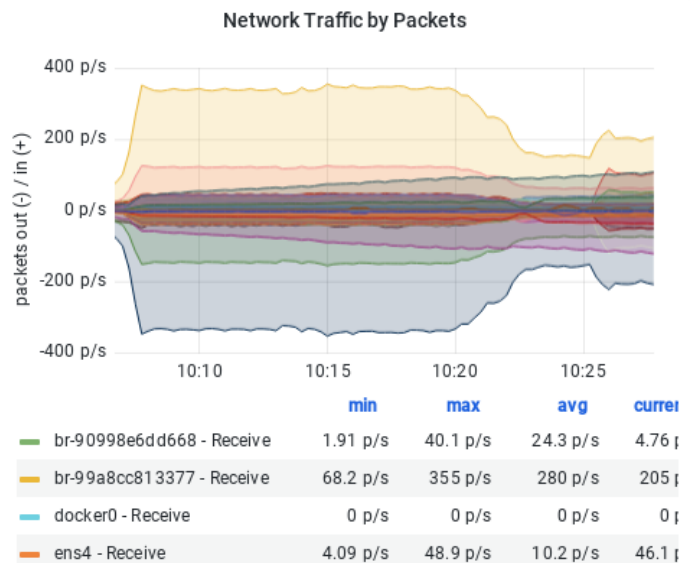
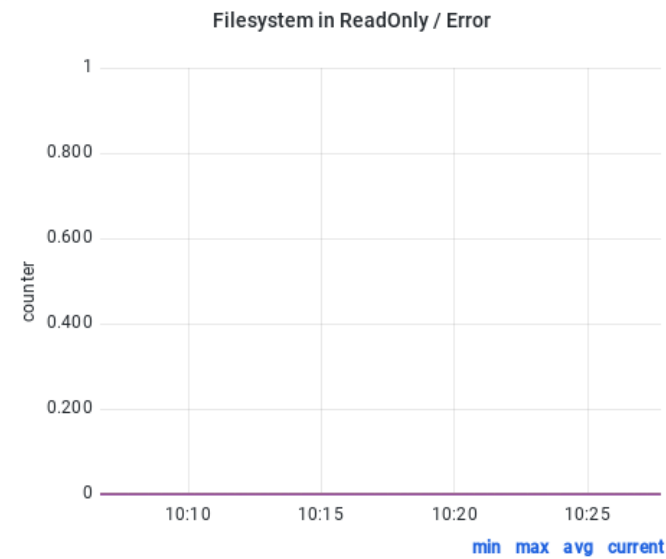


Systemd Units State

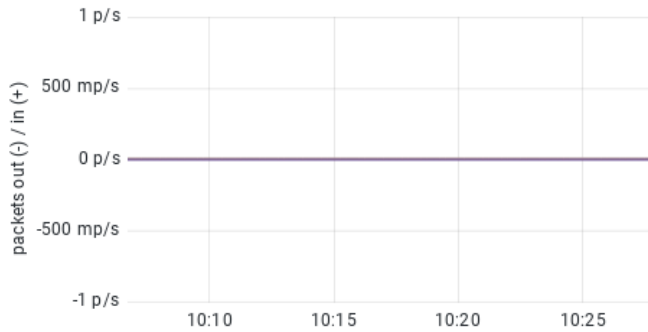






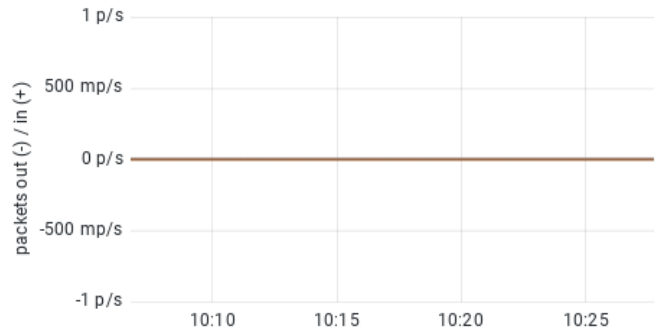


Network Traffic Fifo



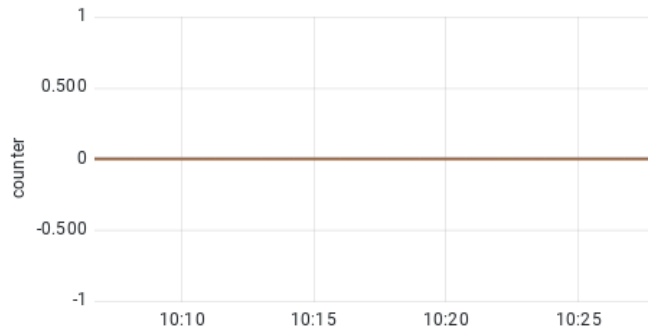
	min	max	avg	current
vethfbeddd8 - Transmit fifo	0 p/s	0 p/s	0 p/s	0 p/s
vethf6fcda0 - Transmit fifo	0 p/s	0 p/s	0 p/s	0 p/s
vethed60669 - Transmit fifo	0 p/s	0 p/s	0 p/s	0 p/s
vethec5175e - Transmit fifo	0 p/s	0 p/s	0 p/s	0 p/s

Network Traffic Frame



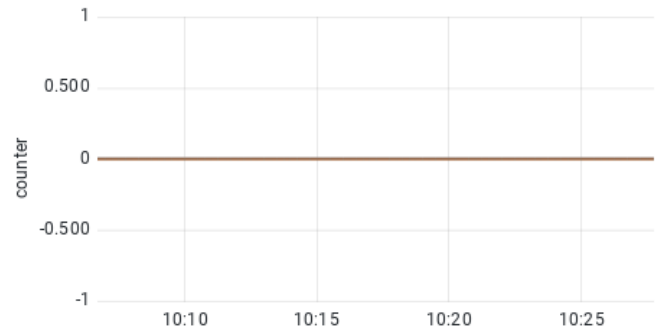
	min	max	avg	current
vethfbeddd8 - Receive frame	0 p/s	0 p/s	0 p/s	0 p/s
vethf6fcda0 - Receive frame	0 p/s	0 p/s	0 p/s	0 p/s
vethed60669 - Receive frame	0 p/s	0 p/s	0 p/s	0 p/s
vethec5175e - Receive frame	0 p/s	0 p/s	0 p/s	0 p/s

Network Traffic Carrier



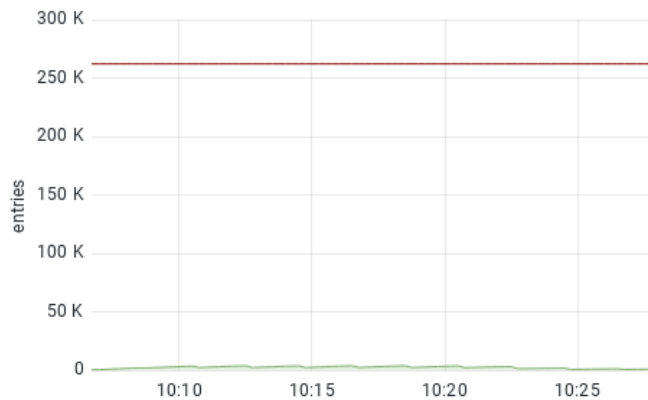
	min	max	avg	current
vethfbeddd8 - Statistic transmit_carrier	0	0	0	0
vethf6fcda0 - Statistic transmit_carrier	0	0	0	0
vethed60669 - Statistic transmit_carrier	0	0	0	0
vethec5175e - Statistic transmit_carrier	0	0	0	0

Network Traffic Colls



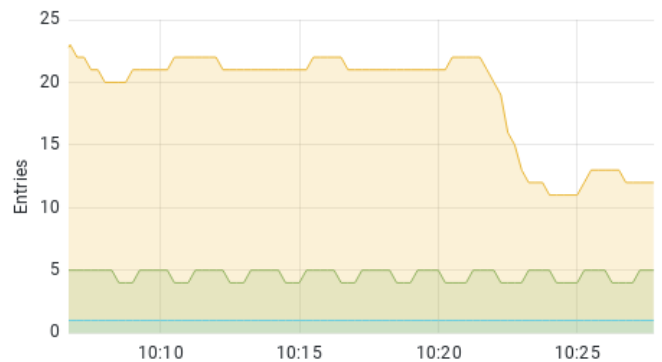
	min	max	avg	current
vethfbeddd8 - Transmit colls	0	0	0	0
vethf6fcda0 - Transmit colls	0	0	0	0
vethed60669 - Transmit colls	0	0	0	0
vethec5175e - Transmit colls	0	0	0	0

NF Contrack



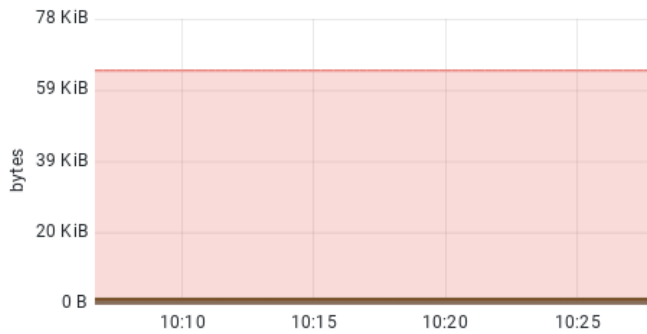
	min	max	avg	current
NF contrack entries	514	4.00 K	2.49 K	1.15 K
NF contrack limit	262 K	262 K	262 K	262 K

ARP Entries



	min	max	avg	current
br-90998e6dd668 - ARP entries	4	5	4.60	5
br-99a8cc813377 - ARP entries	11	23	19.0	12
ens4 - ARP entries	1	1	1	1

MTU



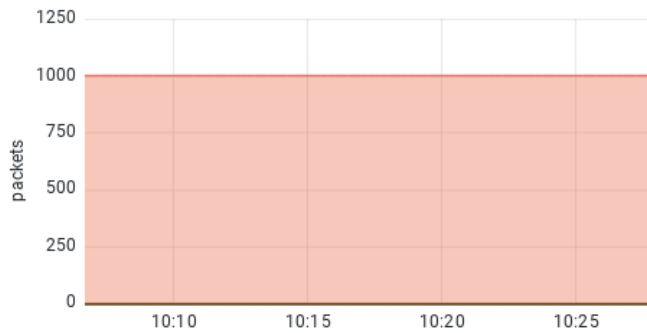
	min	max	avg	current
br-90998e6dd668 - Bytes	1.5 KiB	1.5 KiB	1.5 KiB	1.5 KiB
br-99a8cc813377 - Bytes	1.5 KiB	1.5 KiB	1.5 KiB	1.5 KiB
docker0 - Bytes	1.5 KiB	1.5 KiB	1.5 KiB	1.5 KiB
ens4 - Bytes	1.4 KiB	1.4 KiB	1.4 KiB	1.4 KiB

Speed



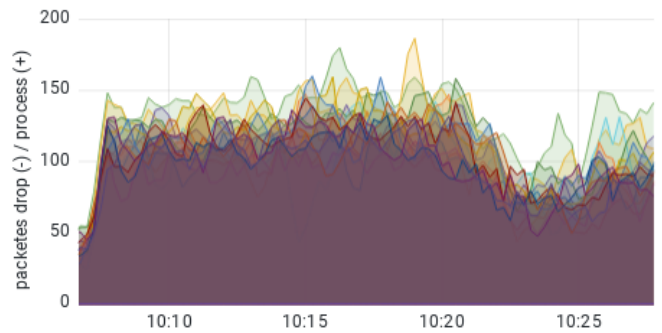
	min	max	avg	current
br-90998e6dd668 - Speed	1.2 GiB	1.2 GiB	1.2 GiB	1.2 GiB
br-99a8cc813377 - Speed	1.2 GiB	1.2 GiB	1.2 GiB	1.2 GiB
docker0 - Speed	-122.1 KiB	-122.1 KiB	-122.1 KiB	-122.1 KiB
ens4 - Speed	-122.1 KiB	-122.1 KiB	-122.1 KiB	-122.1 KiB

Queue Length



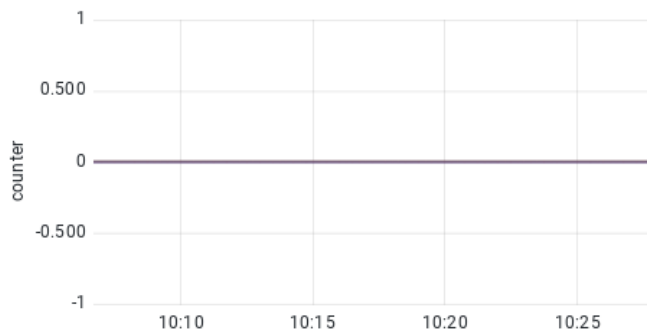
	min	max	avg	current
br-90998e6dd668 - Interface transmit queue length	0.0	0.0	0.0	0.0
br-99a8cc813377 - Interface transmit queue length	0.0	0.0	0.0	0.0
docker0 - Interface transmit queue length	0.0	0.0	0.0	0.0
ens4 - Interface transmit queue length	1000.0	1000.0	1000.0	1000.0

Softnet Packets



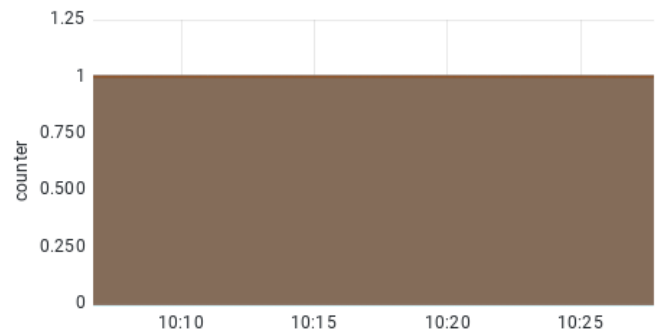
	min	max	avg	current
CPU 0 - Processed	47.5	180	133	141
CPU 15 - Processed	38.8	140	109	118
CPU 1 - Processed	37.0	186	123	109
CPU 3 - Processed	33.7	159	111	106

Softnet Out of Quota



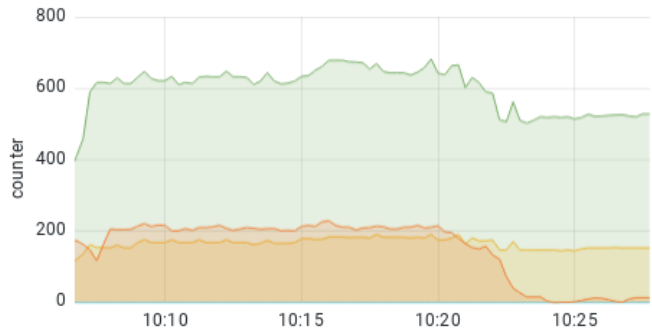
	min	max	avg	current
CPU 9 - Squeezed	0	0	0	0
CPU 8 - Squeezed	0	0	0	0
CPU 7 - Squeezed	0	0	0	0
CPU 6 - Squeezed	0	0	0	0

Network Operational Status



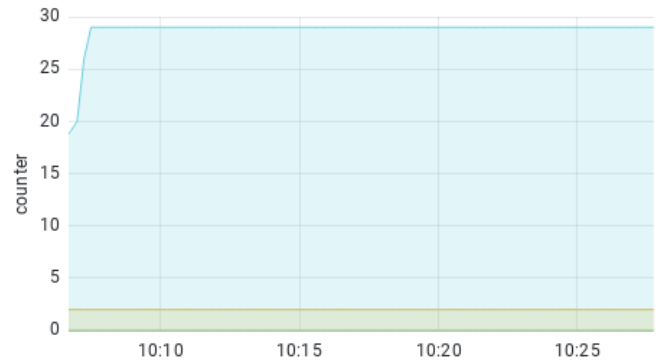
	min	max	avg	current
vethfbeddd8 - Physical link state	1	1	1	1
vethf6fcd0 - Physical link state	1	1	1	1
vethed60669 - Physical link state	1	1	1	1
vethed5175e - Physical link state	1	1	1	1

Sockstat TCP



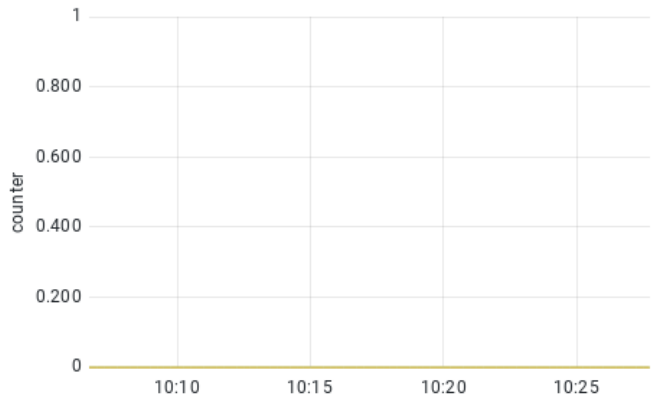
	min	max	avg	current
TCP_alloc - Allocated sockets	358	682	597	528
TCP_inuse - Tcp sockets currently in use	105	191	165	153
TCP_orphan - Orphan sockets	0	1	0.0116	0
TCP_tw - Sockets wating close	0	229	151	14

Sockstat UDP



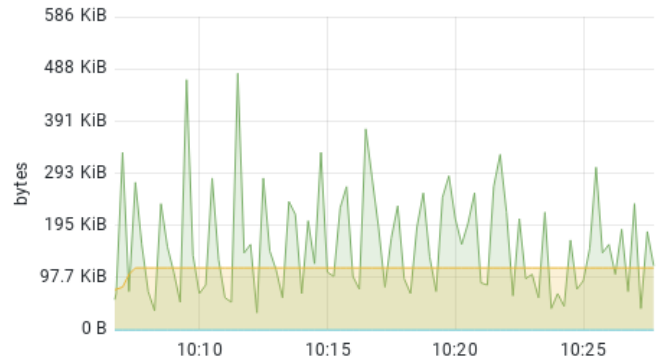
	min	max	avg	current
UDPLITE_inuse - Udplite sockets currently in use	0	0	0	0
UDP_inuse - Udp sockets currently in use	2	2	2	2
UDP_mem - Used memory for udp	18	29	28.6	29

Sockstat FRAG / RAW



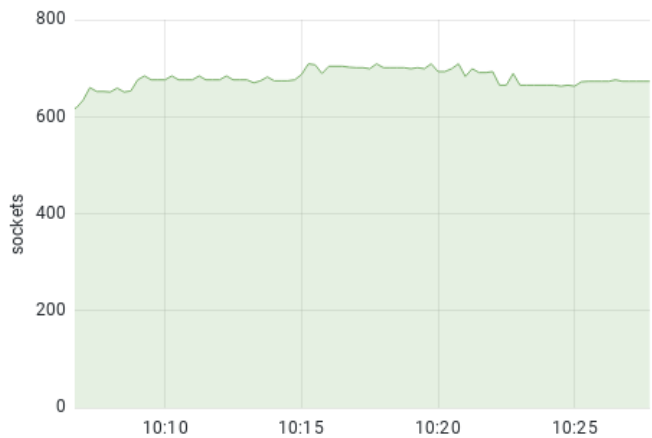
	min	max	avg	current
FRAG_inuse - Frag sockets currently in use	0	0	0	0
RAW_inuse - Raw sockets currently in use	0	0	0	0

Sockstat Memory Size



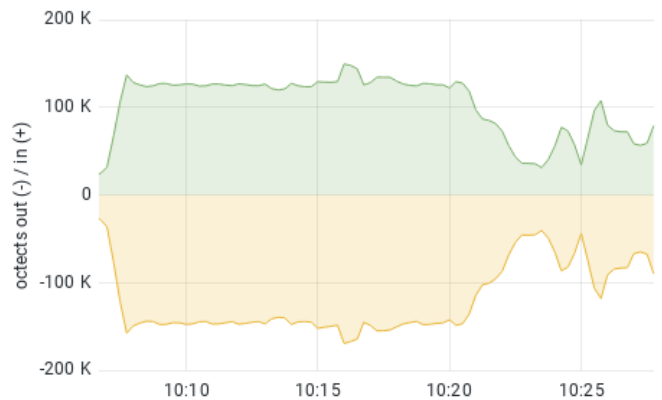
	min	max	avg	current
mem_bytes - TCP sockets in that state	16 KiB	480 KiB	161 KiB	120 KiB
mem_bytes - UDP sockets in that state	72 KiB	116 KiB	114 KiB	116 KiB
FRAG_memory - Used memory for frag	0 B	0 B	0 B	0 B

Sockstat Used



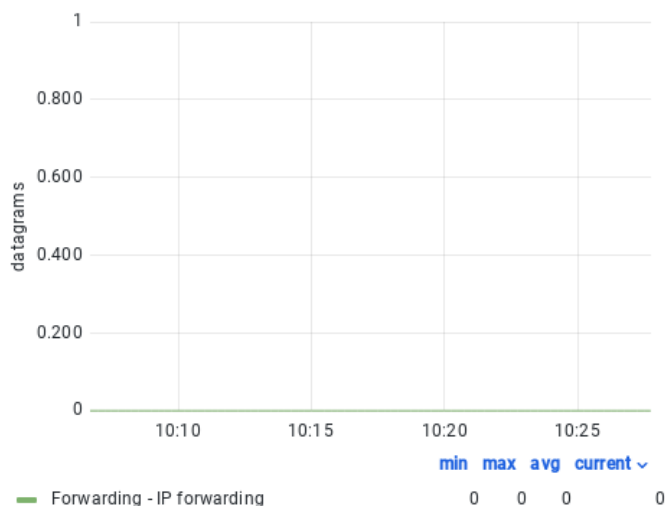
	min	max	avg	current
Sockets_used - Sockets currently in use	617	709	679	673

Netstat IP In / Out Octets



	min	max	avg	current
OutOctets - Sent octets	24.6 K	169 K	119 K	89.9 K
InOctets - Received octets	21.6 K	149 K	103 K	79.1 K

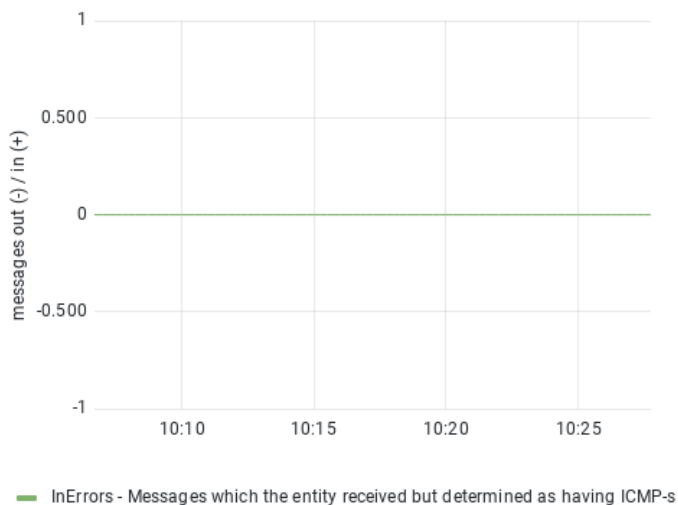
Netstat IP Forwarding



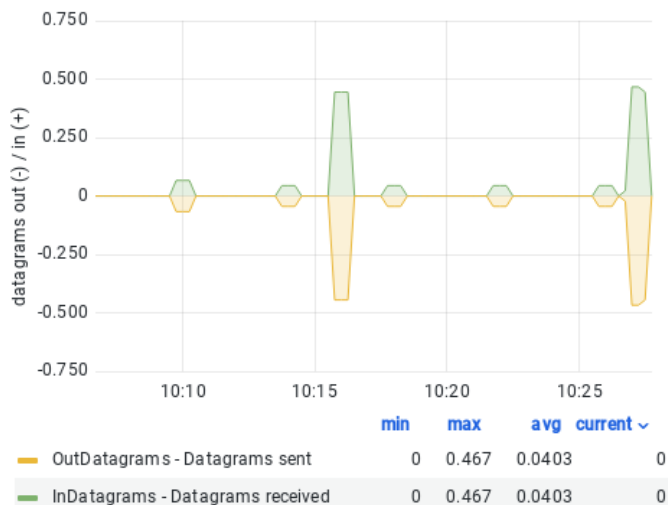
ICMP In / Out



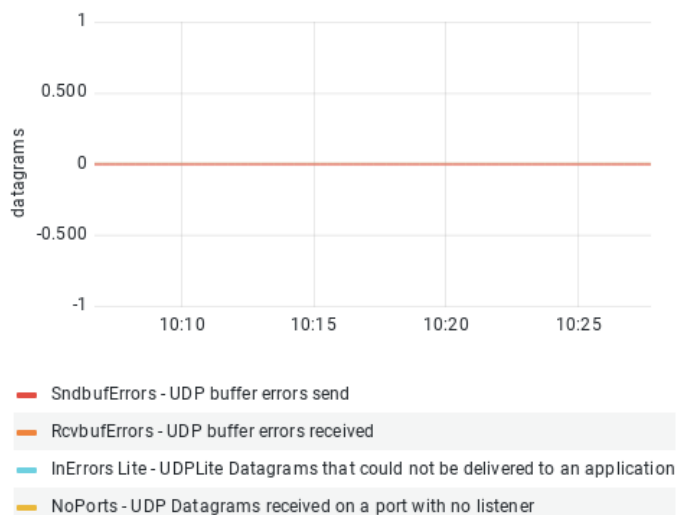
ICMP Errors



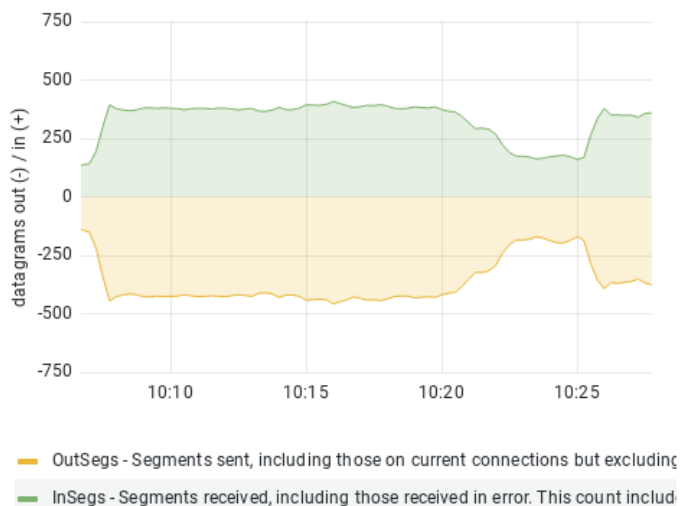
UDP In / Out



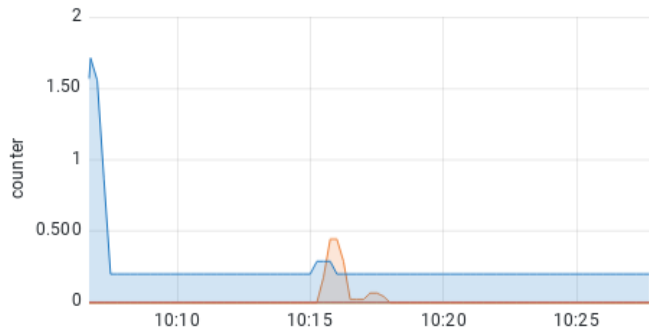
UDP Errors



TCP In / Out

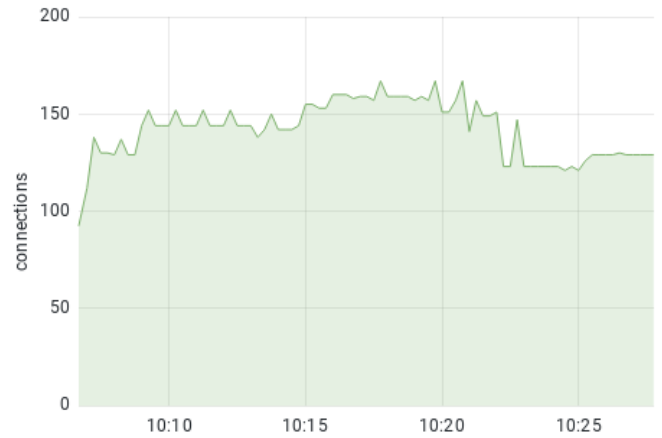


TCP Errors



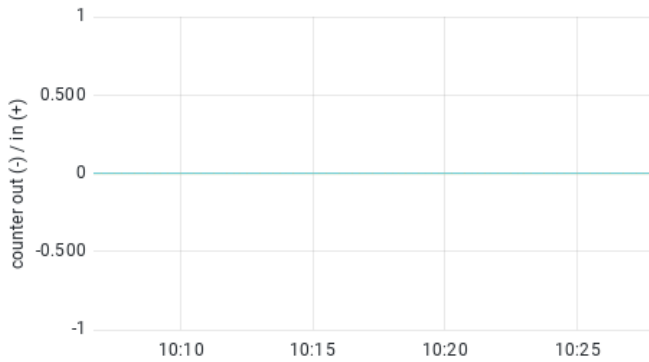
OutRsts - Segments sent with RST flag
 InErrs - Segments received in error (e.g., bad TCP checksums)
 RetransSegs - Segments retransmitted - that is, the number of TCP segments tr
 TCPSynRetrans - SYN-SYN/ACK retransmits to break down retransmissions in

TCP Connections



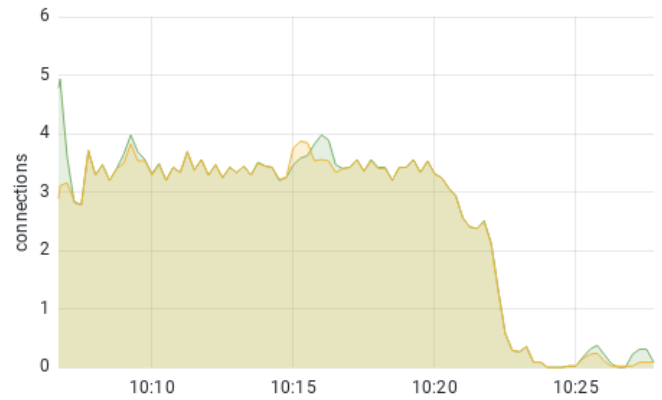
CurrEstab - TCP connections for which the current state is either ESTABLISHED

TCP SynCookie



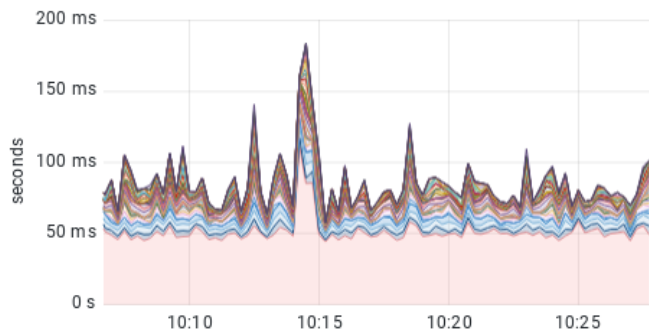
	min	max	avg	current
SyncookiesSent - SYN cookies sent	0	0	0	0
SyncookiesRecv - SYN cookies received	0	0	0	0
SyncookiesFailed - Invalid SYN cookies received	0	0	0	0

TCP Direct Transition



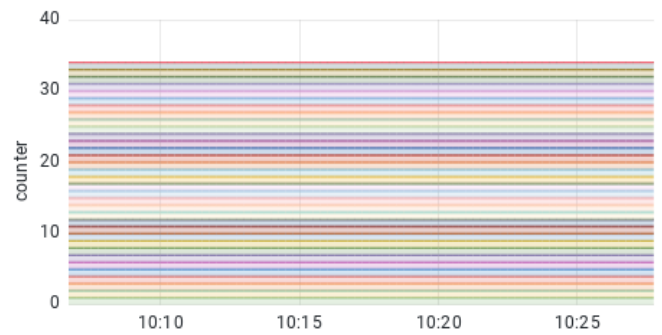
ActiveOpens - TCP connections that have made a direct transition to the SYN-S
 PassiveOpens - TCP connections that have made a direct transition to the SYN

Node Exporter Scrape Time



	min	max	avg	current
netclass - Scrape duration	44.4 ms	111 ms	51.5 ms	49.0
filesystem - Scrape duration	1.35 ms	8.03 ms	3.27 ms	6.36
netdev - Scrape duration	1.34 ms	9.30 ms	3.99 ms	5.20
cpu - Scrape duration	1.38 ms	8.51 ms	3.74 ms	3.78

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