

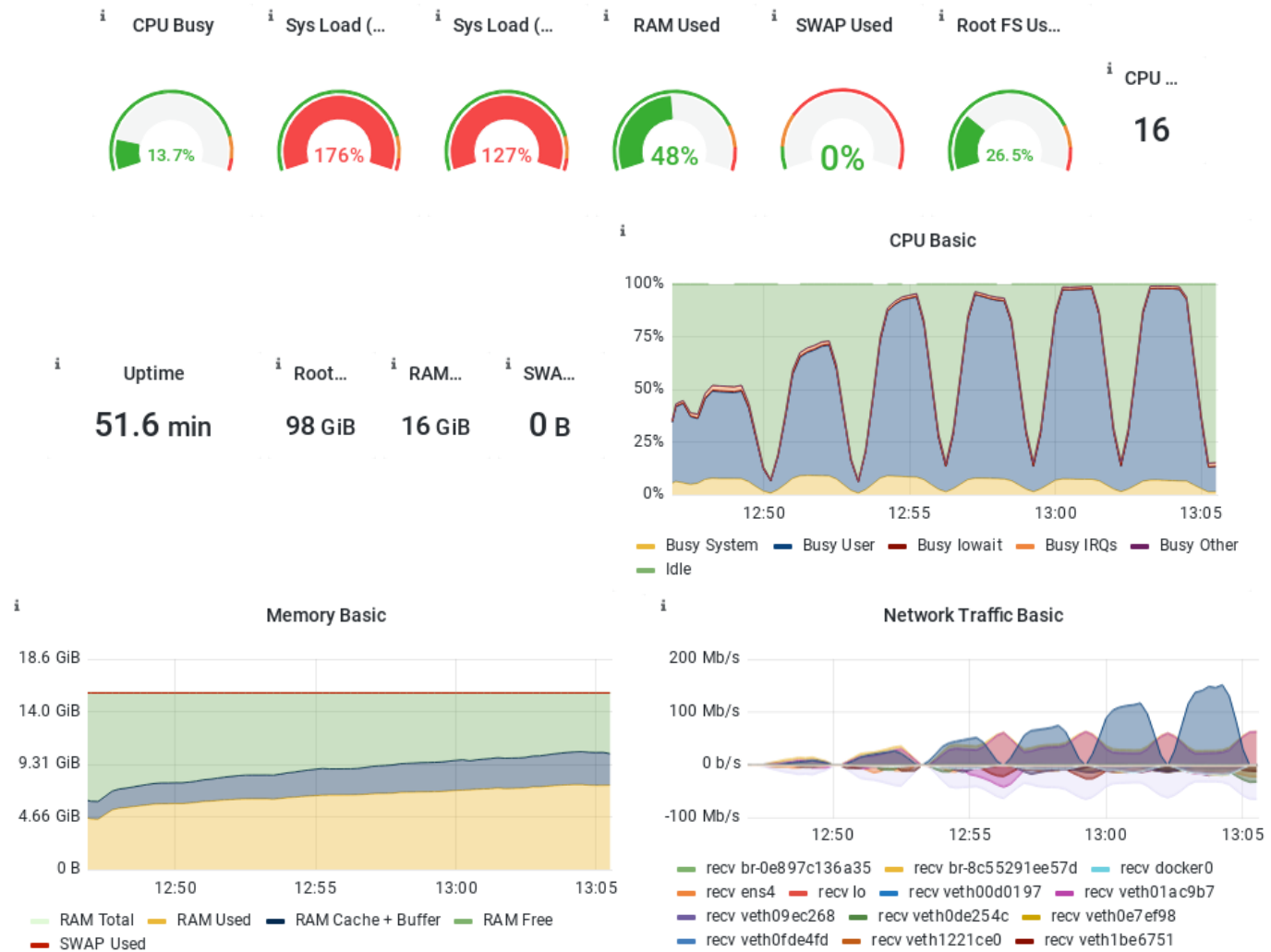
# Host Metrics

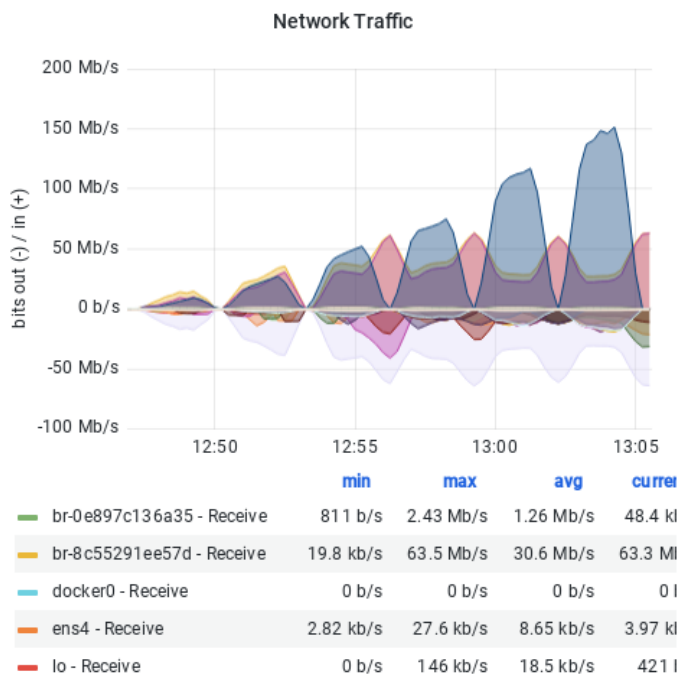
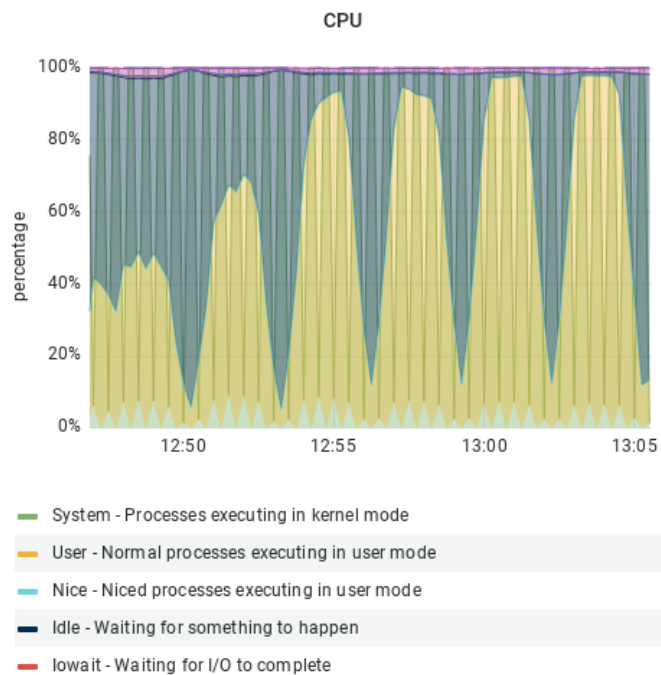
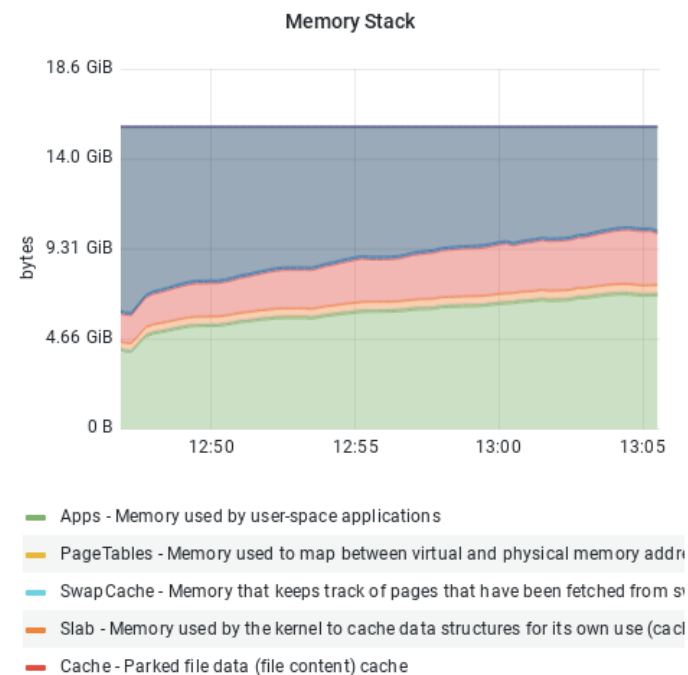
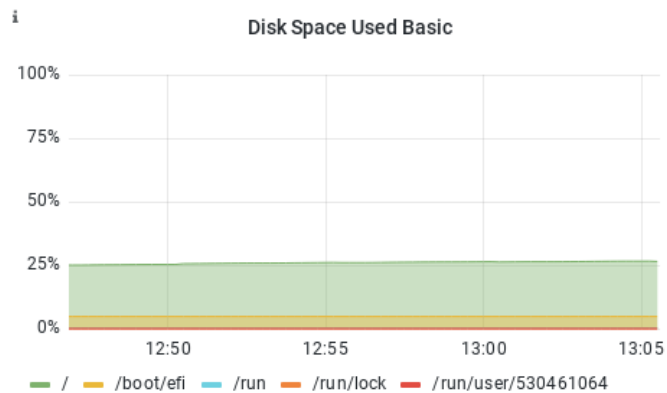
The dashboard visualizes host metrics collected by node\_exporter. (based on: <https://grafana.com/grafana/dashboards/1860>)

Fri Nov 18 12:46:52 UTC 2022

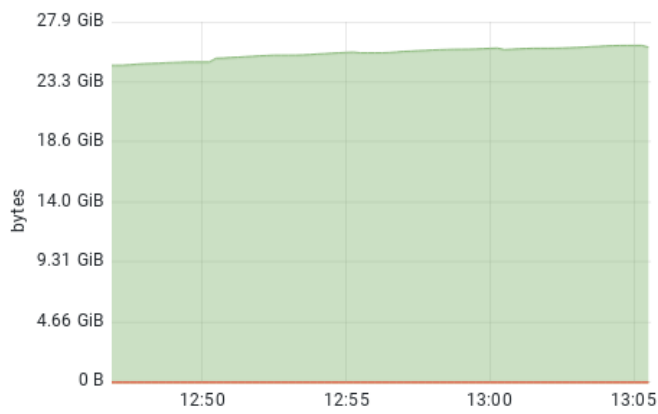
to

Fri Nov 18 13:05:35 UTC 2022

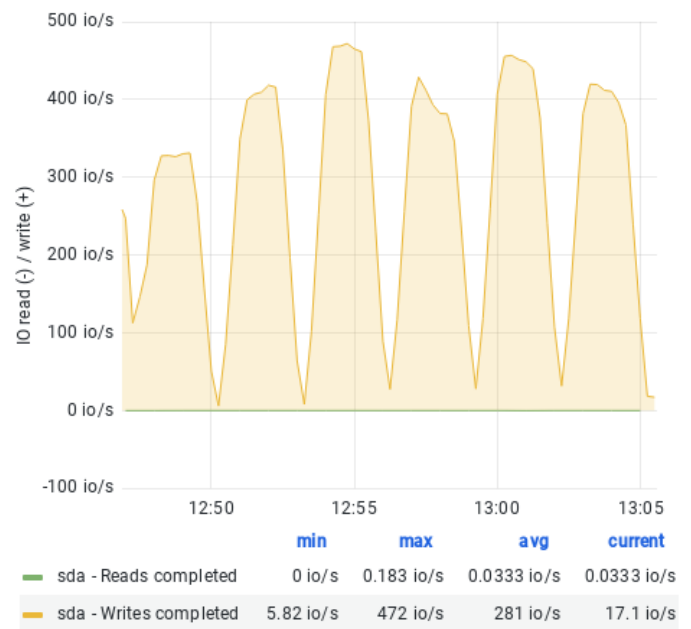




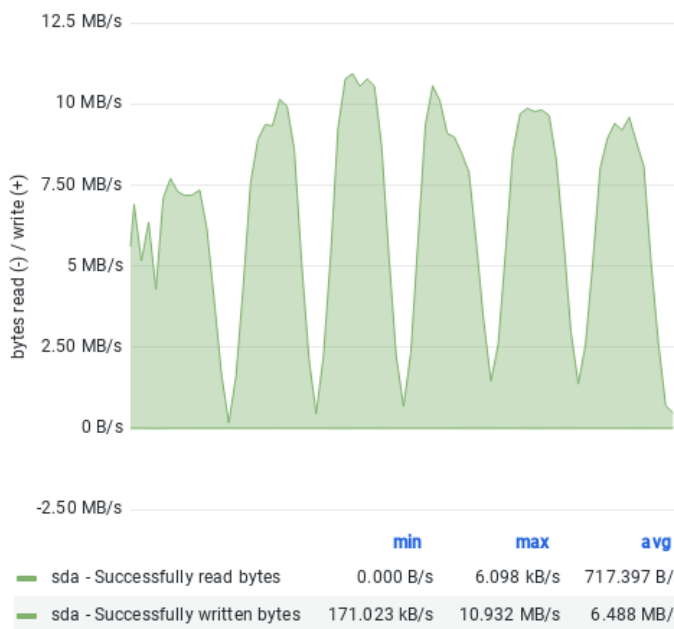
Disk Space Used



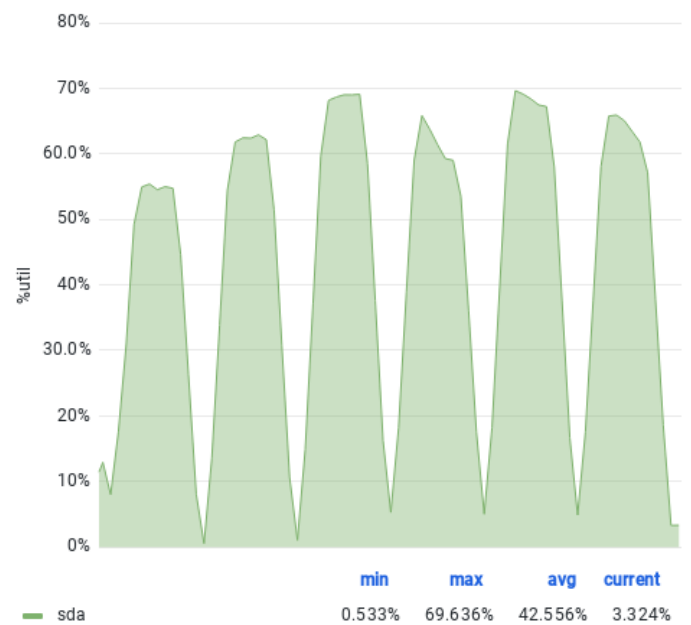
Disk IOps



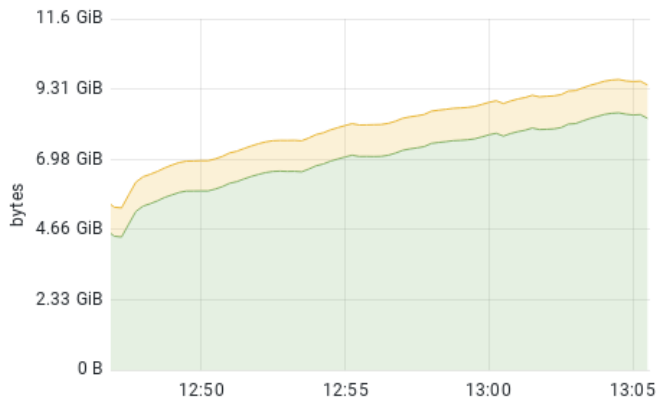
I/O Usage Read / Write



I/O Utilization

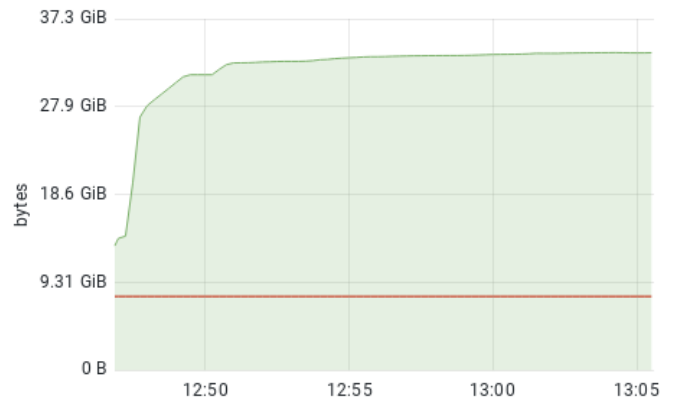


Memory Active / Inactive



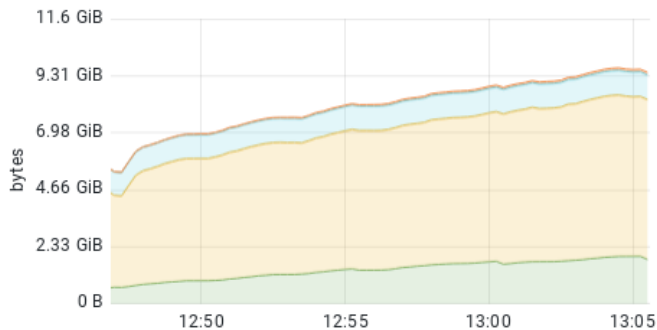
— Inactive - Memory which has been less recently used. It is more eligible to be re  
 — Active - Memory that has been used more recently and usually not reclaimed u

Memory Committed



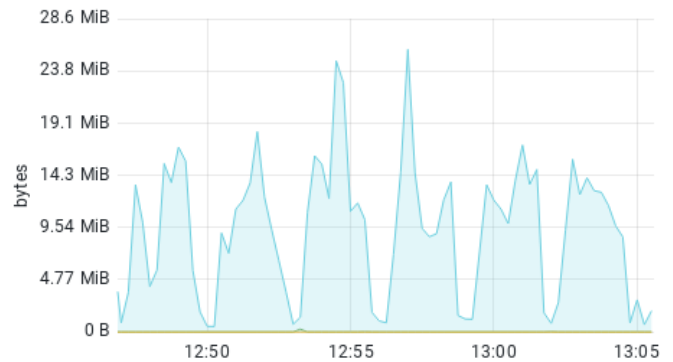
— Committed\_AS - Amount of memory presently allocated on the system  
 — CommitLimit - Amount of memory currently available to be allocated on the sy

Memory Active / Inactive Detail



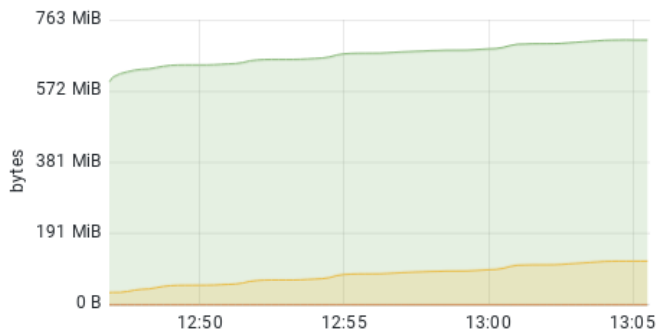
— Inactive\_file - File-backed memory on inactive LRU list  
 — Inactive\_anon - Anonymous and swap cache on inactive LRU list, including tmp  
 — Active\_file - File-backed memory on active LRU list  
 — Active\_anon - Anonymous and swap cache on active least-recently-used (LRU)

Memory Writeback and Dirty



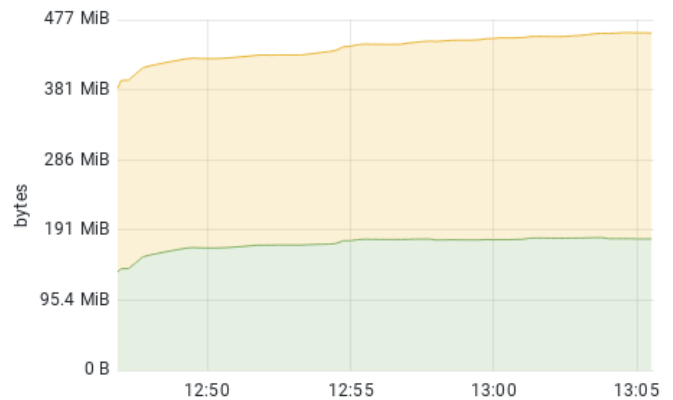
— Writeback - Memory which is actively being written back to disk  
 — WritebackTmp - Memory used by FUSE for temporary writeback buffers  
 — Dirty - Memory which is waiting to get written back to the disk 504.

Memory Shared and Mapped



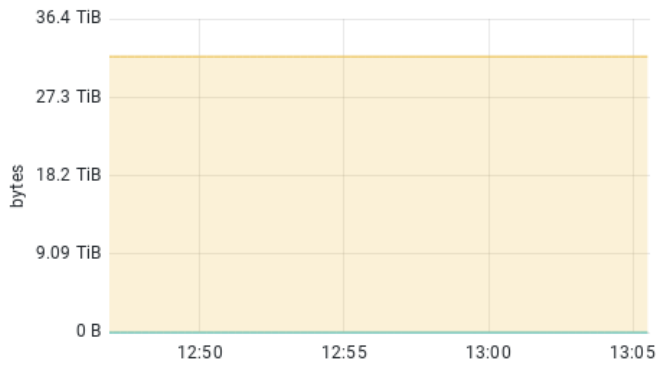
— Mapped - Used memory in mapped pages files which have been mmaped, such  
 — Shmem - Used shared memory (shared between several processes, thus includ  
 — ShmemHugePages - Memory used by shared memory (shmem) and tmpfs allc  
 — ShmemPmdMapped - Ammount of shared (shmem/tmpfs) memory backed by

Memory Slab



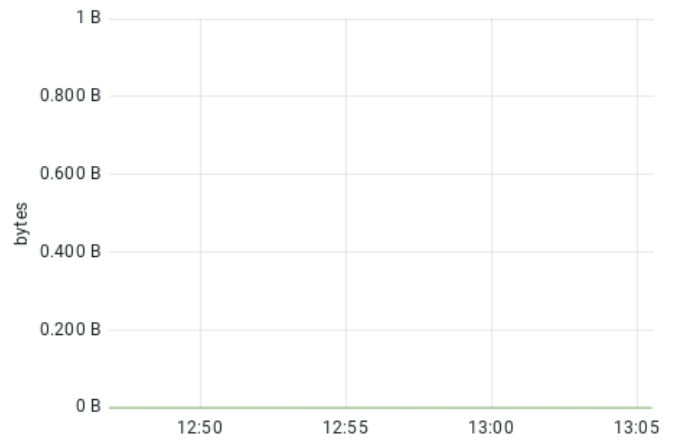
— SUnreclaim - Part of Slab, that cannot be reclaimed on memory pressure 13  
 — SReclaimable - Part of Slab, that might be reclaimed, such as caches 24

Memory Vmalloc



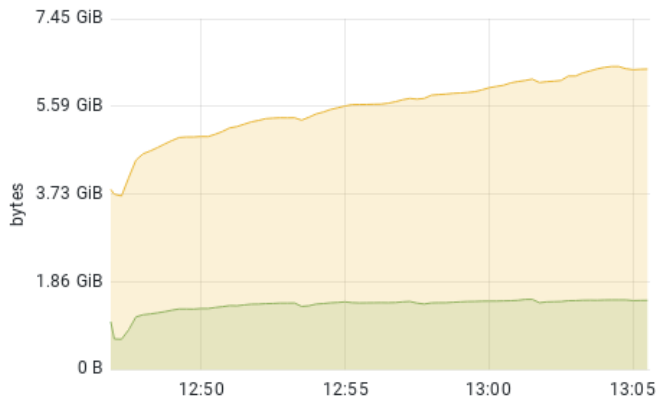
VmallocChunk - Largest contiguous block of vmalloc area which is free	0.00 B	0.00 B	0.00 B
VmallocTotal - Total size of vmalloc memory area	32.00 TiB	32.00 TiB	32.00 TiB
VmallocUsed - Amount of vmalloc area which is used	38.10 GiB	38.10 GiB	38.10 GiB

Memory Bounce



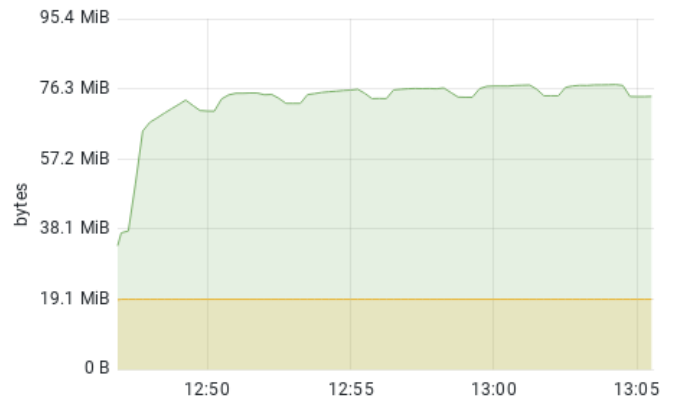
Bounce - Memory used for block device bounce buffers	0.00 B	0.00 B	0.00 B
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Memory Anonymous



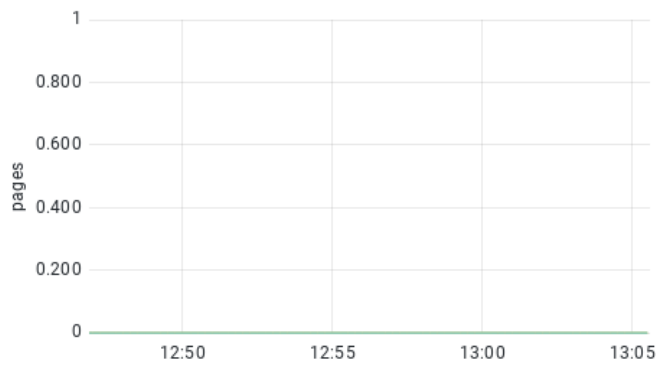
AnonHugePages - Memory in anonymous huge pages	656.00 MiB	1.49 GiB	1.49 GiB
AnonPages - Memory in user pages not backed by files	3.68 GiB	6.43 GiB	6.43 GiB

Memory Kernel / CPU



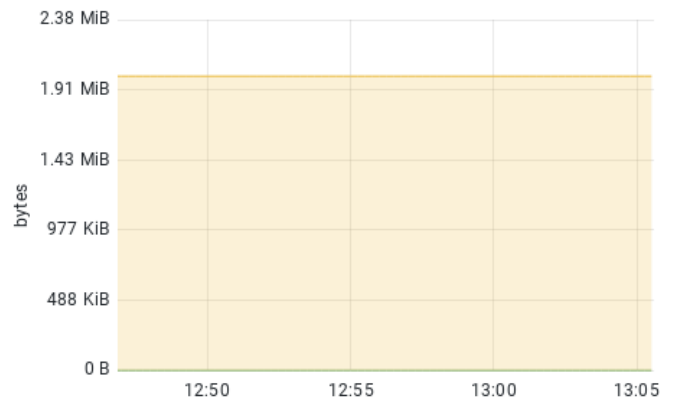
KernelStack - Kernel memory stack. This is not reclaimable	30.00 KiB	30.00 KiB	30.00 KiB
PerCPU - Per CPU memory allocated dynamically by loadable modules	18.70 KiB	18.70 KiB	18.70 KiB

Memory HugePages Counter



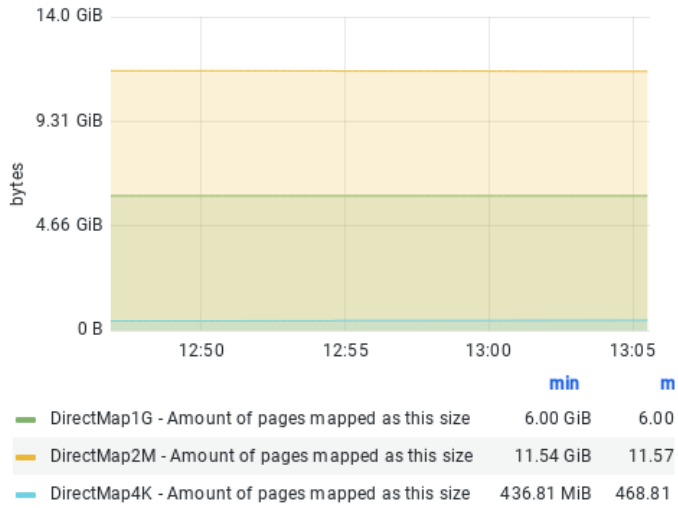
HugePages_Free - Huge pages in the pool that are not yet allocated	0.00	0.00	0.00
HugePages_Rsvd - Huge pages for which a commitment to allocate from the pool has been made	0.00	0.00	0.00
HugePages_Surp - Huge pages in the pool above the value in /proc/sys/vm/nr_hugepages	0.00	0.00	0.00

Memory HugePages Size

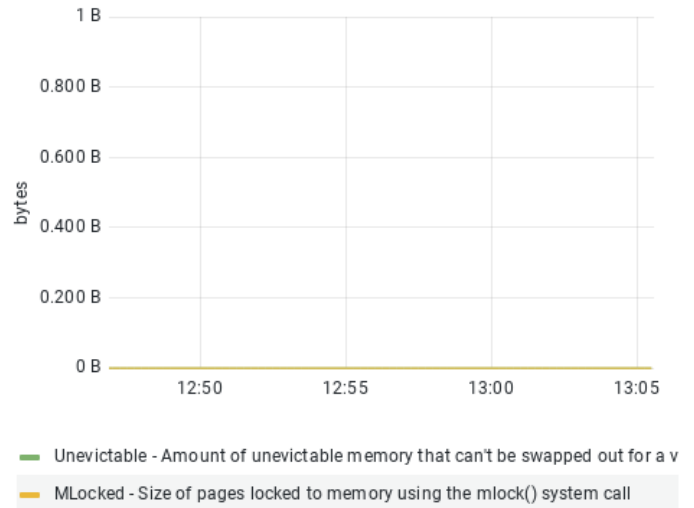


HugePages - Total size of the pool of huge pages	0.00 B	0.00 B	0.00 B
Hugepagesize - Huge Page size	2.00 MiB	2.00 MiB	2.00 MiB

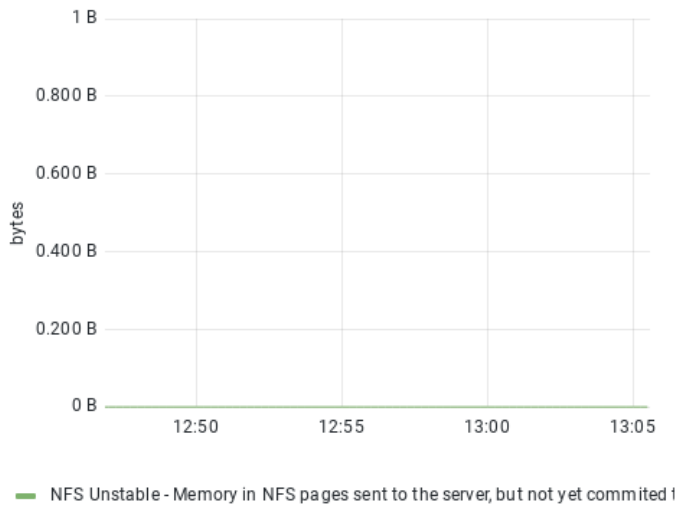
Memory DirectMap



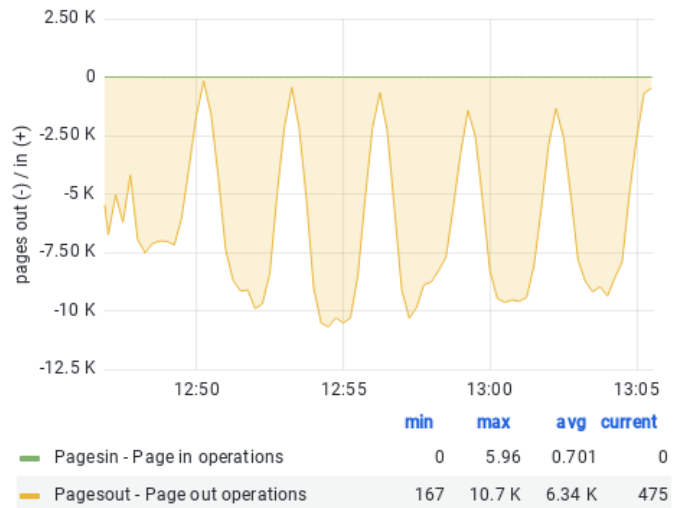
Memory Unevictable and MLocked



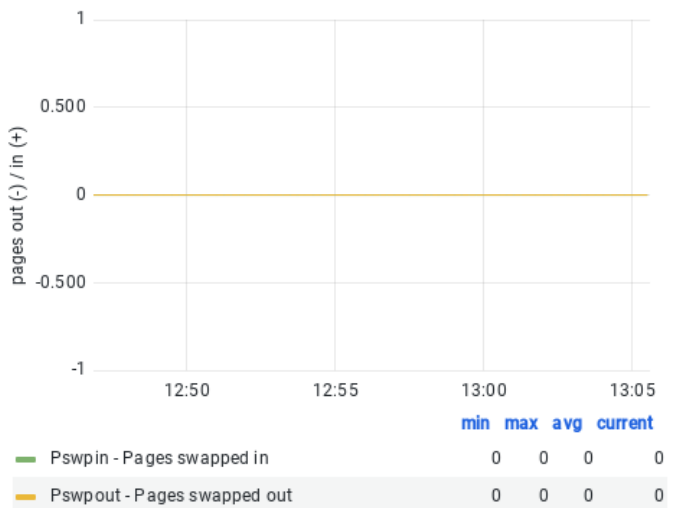
Memory NFS



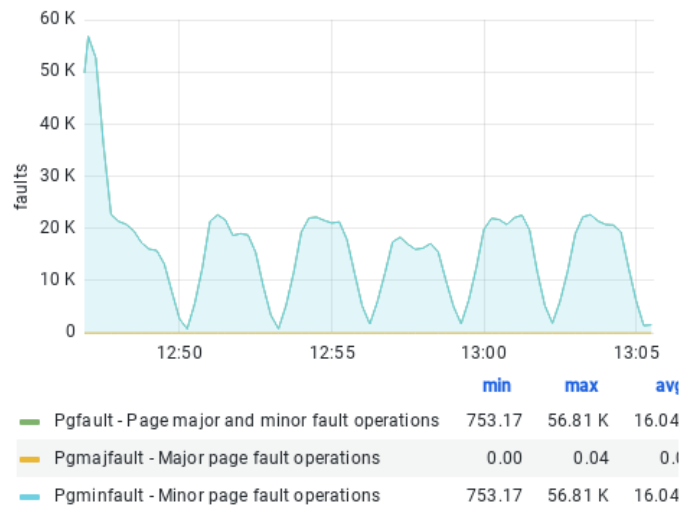
Memory Pages In / Out



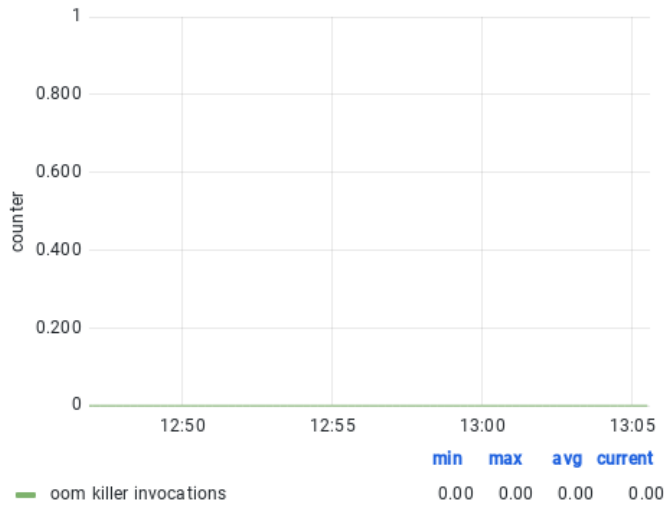
Memory Pages Swap In / Out



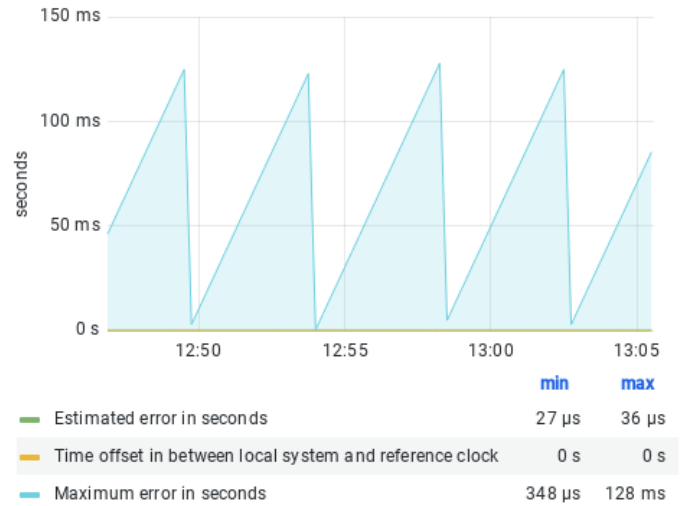
Memory Page Faults



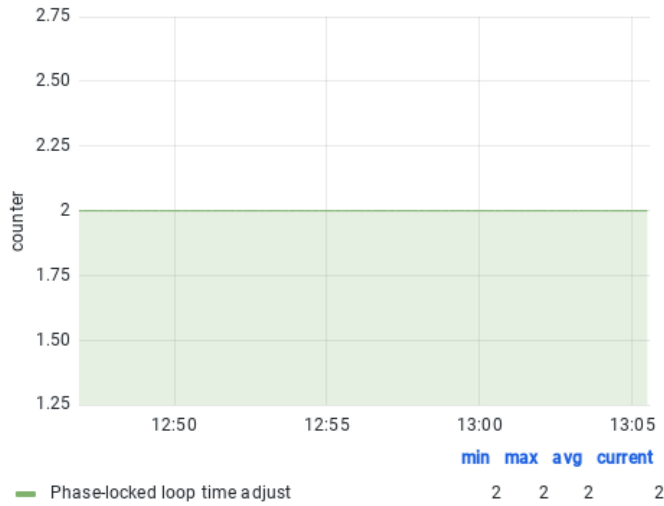
OOM Killer



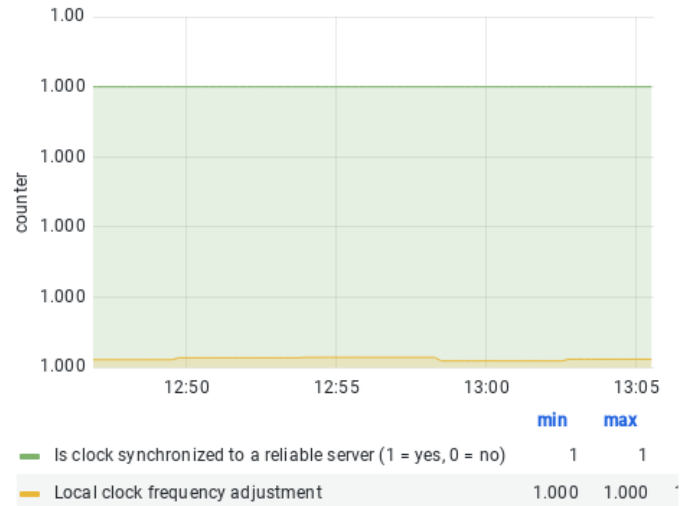
Time Synchronized Drift



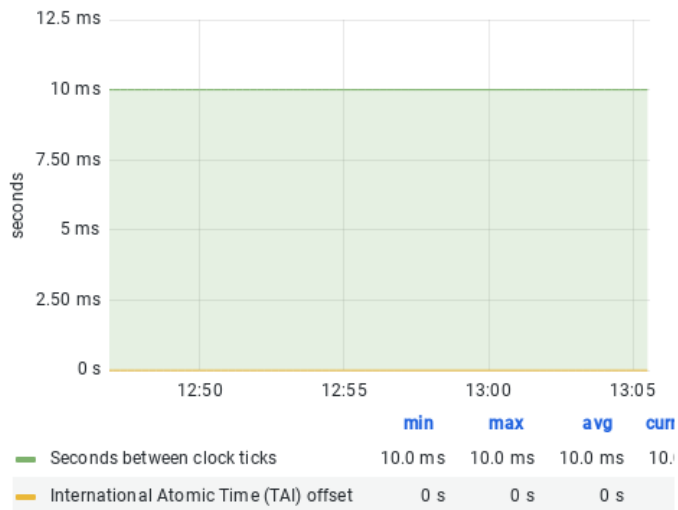
Time PLL Adjust



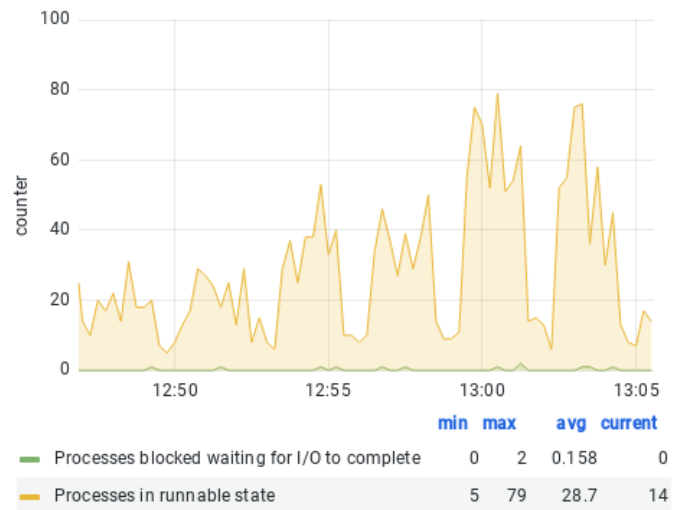
Time Synchronized Status



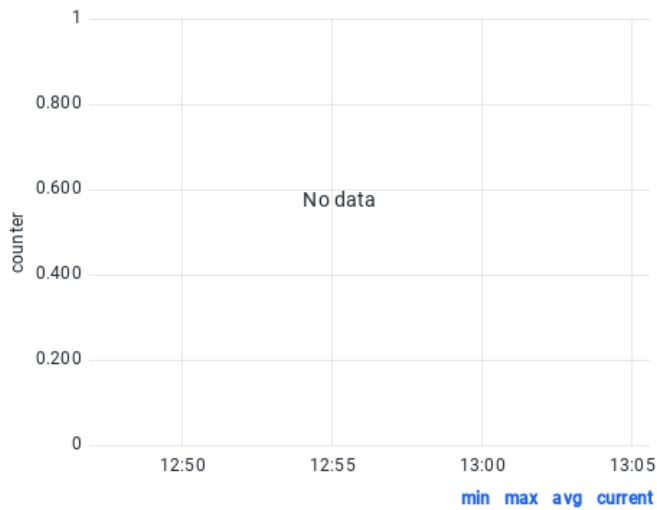
Time Misc



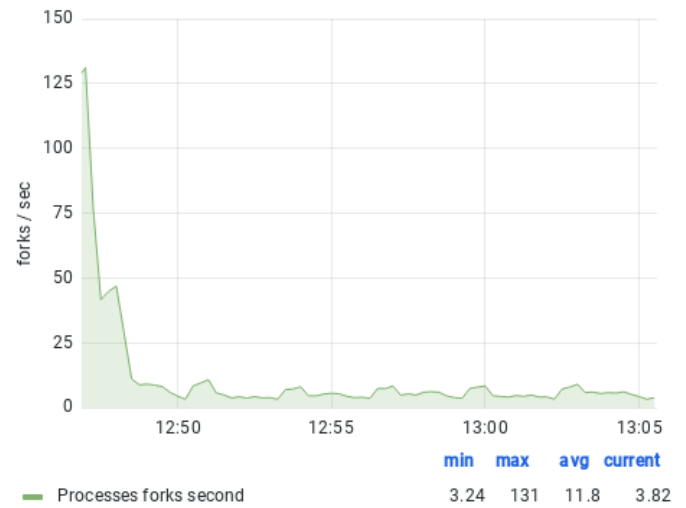
Processes Status



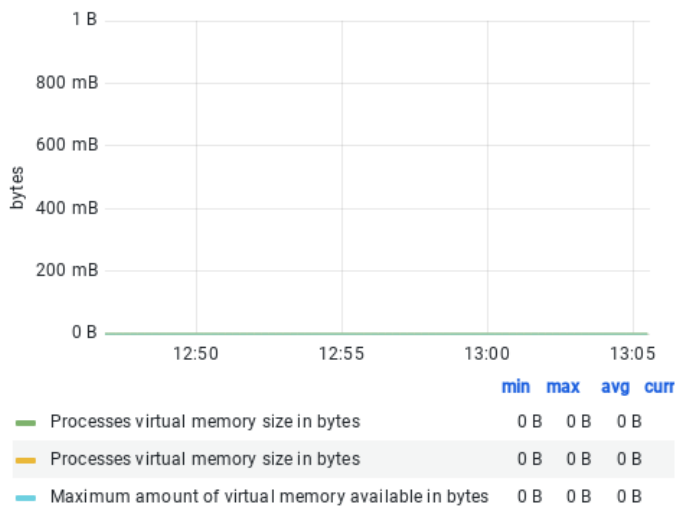
Processes State



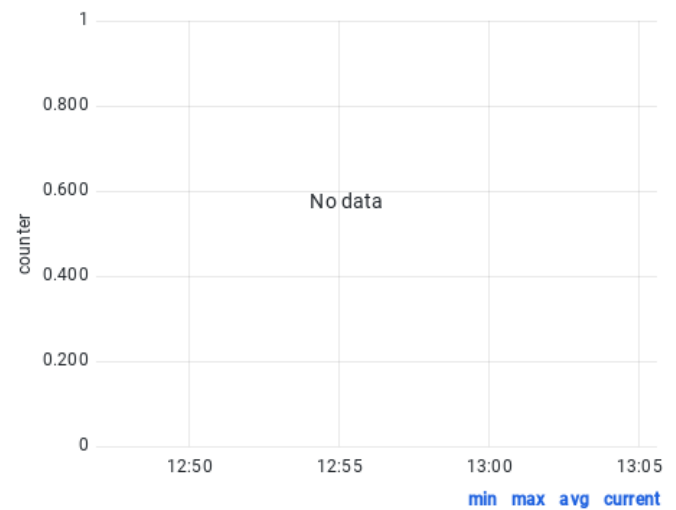
Processes Forks



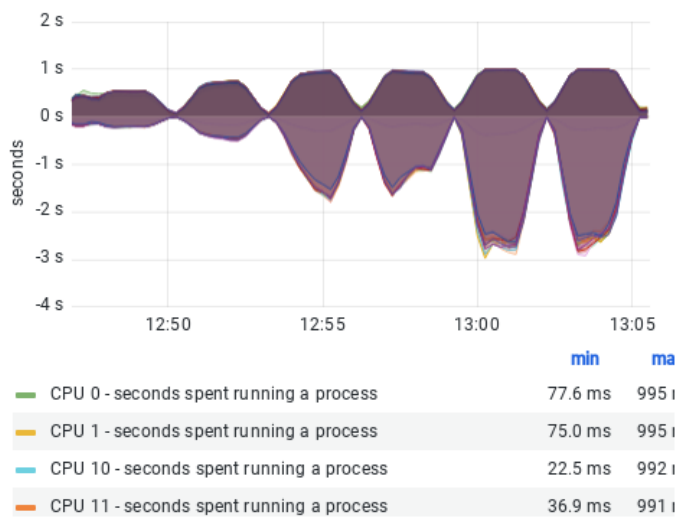
Processes Memory



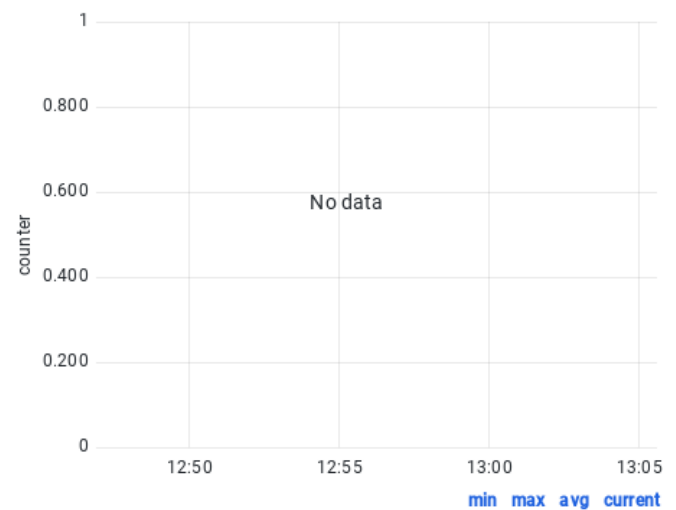
PIDs Number and Limit



Process schedule stats Running / Waiting

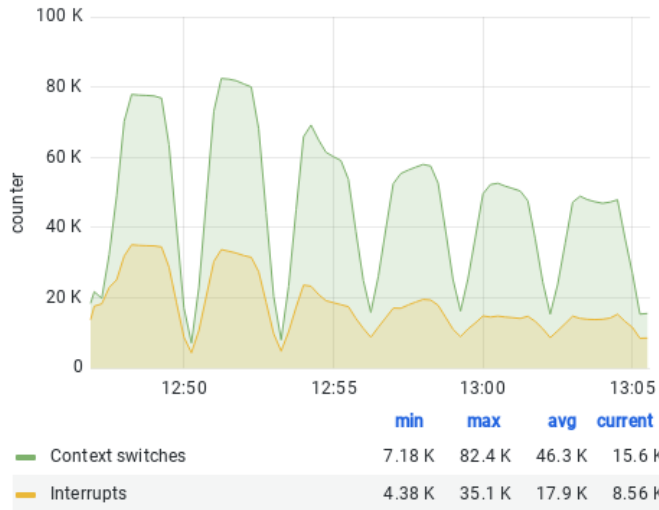


Threads Number and Limit

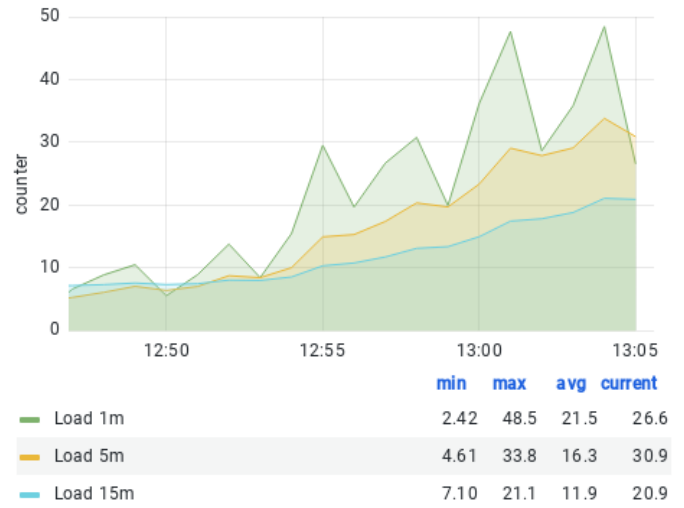




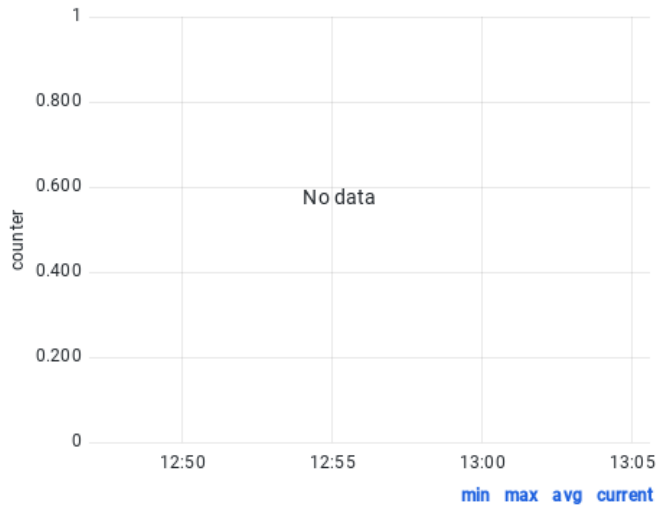
Context Switches / Interrupts



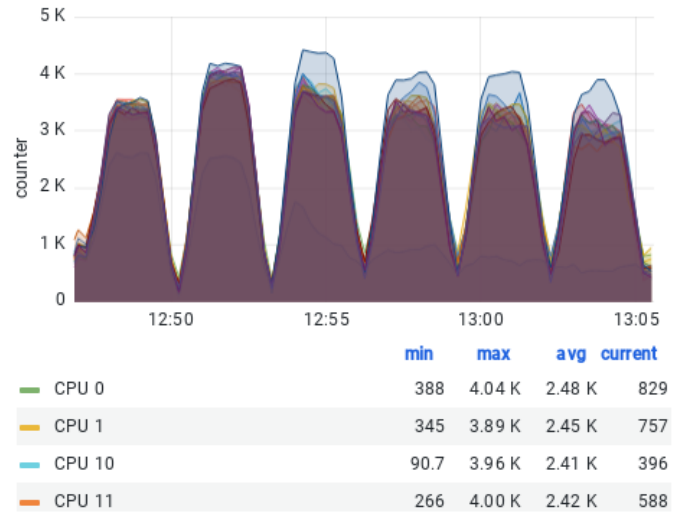
System Load



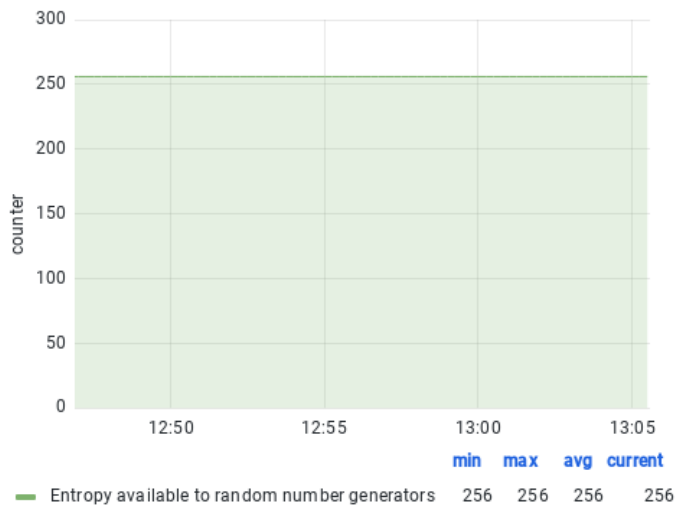
Interrupts Detail



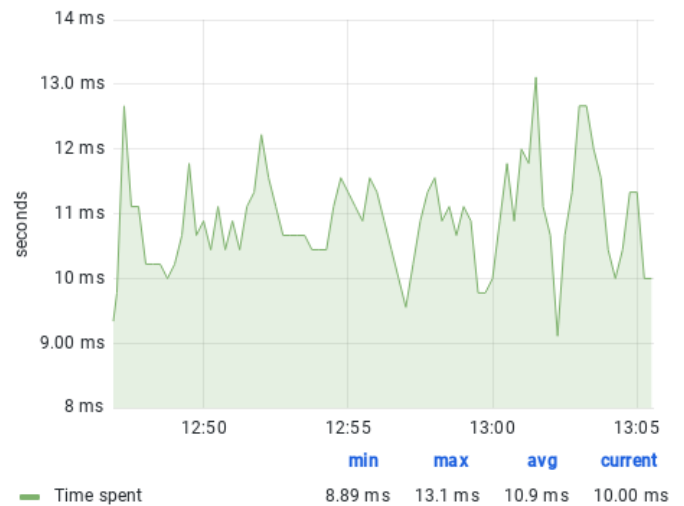
Schedule timeslices executed by each cpu



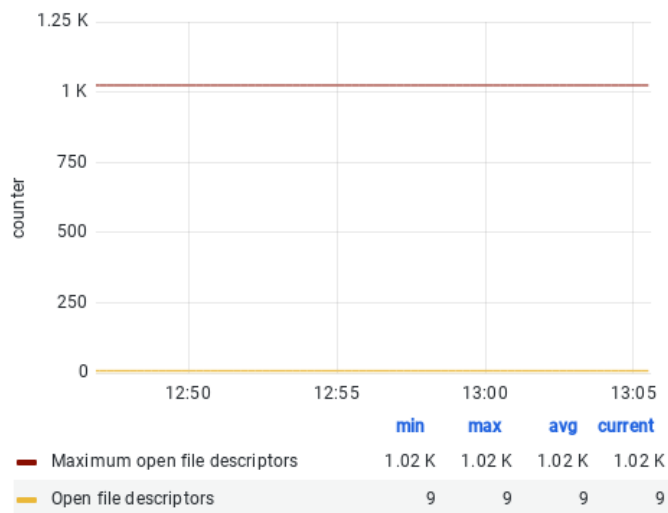
Entropy



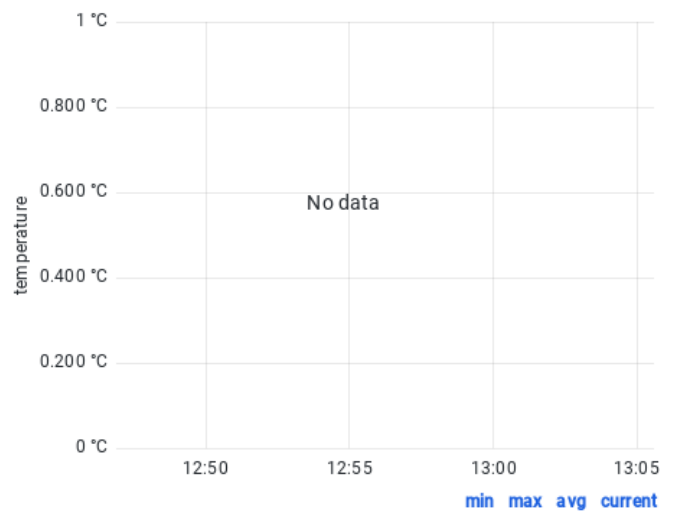
CPU time spent in user and system contexts



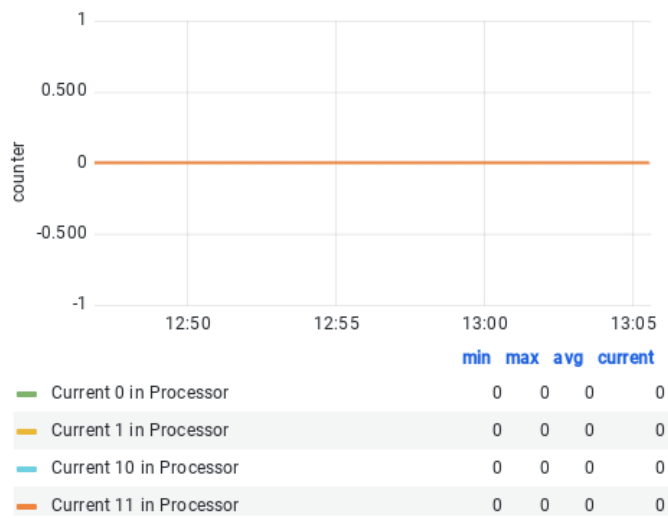
File Descriptors



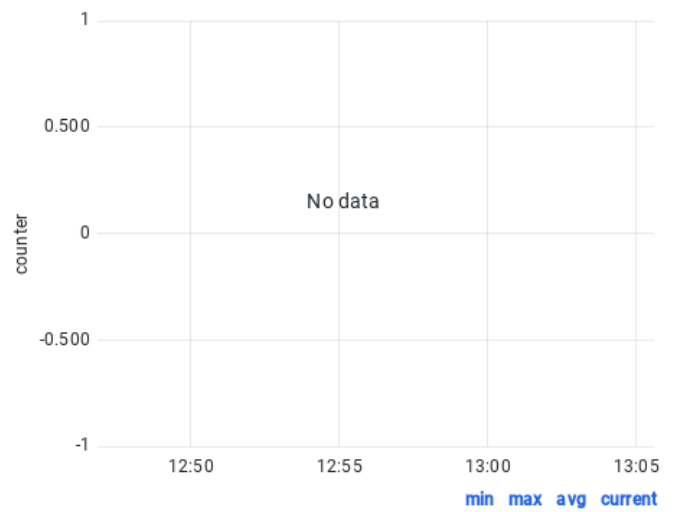
Hardware temperature monitor



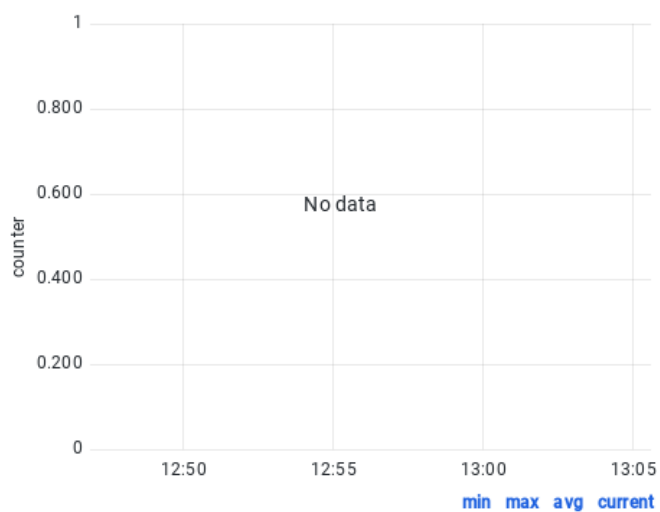
Throttle cooling device



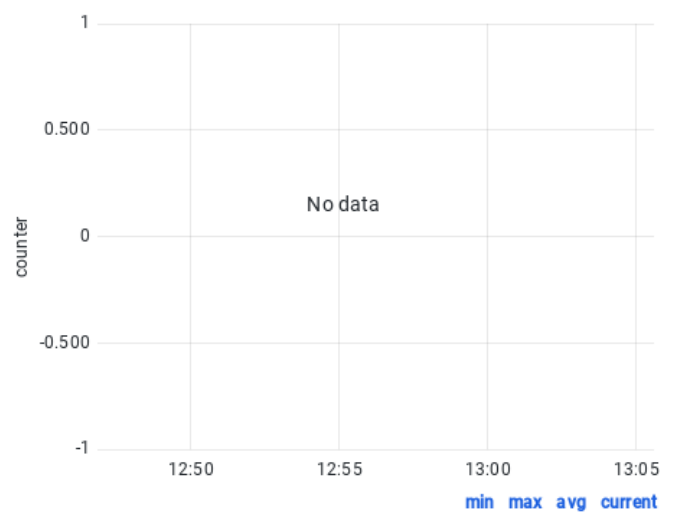
Power supply

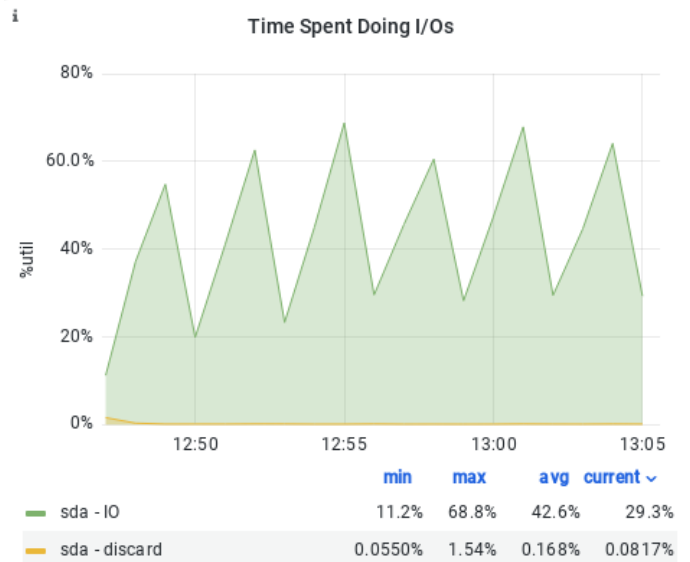
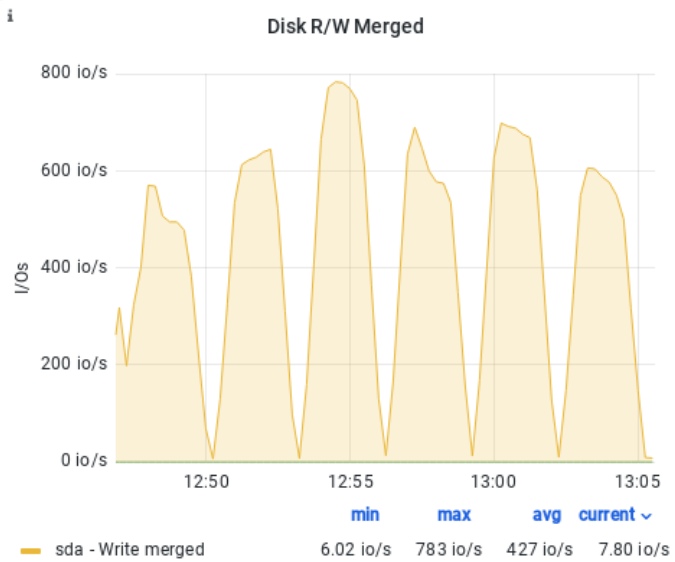
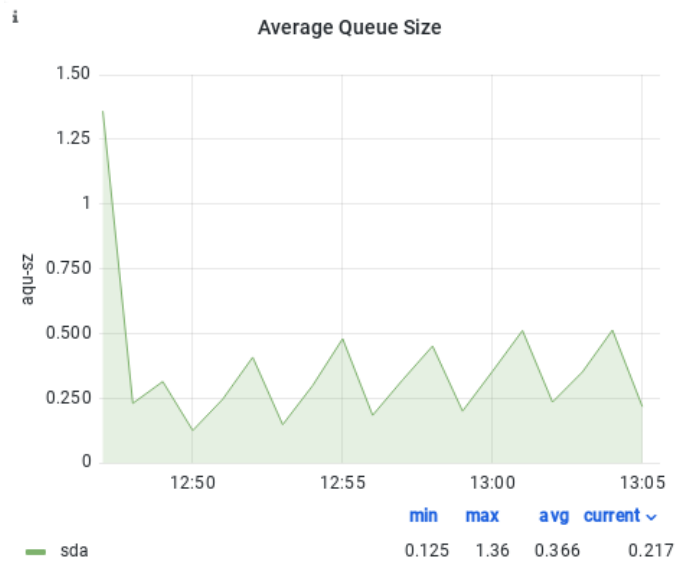
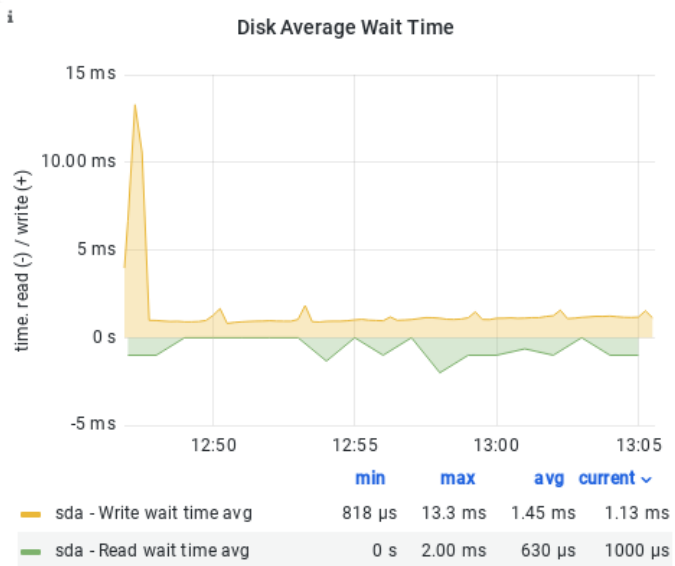
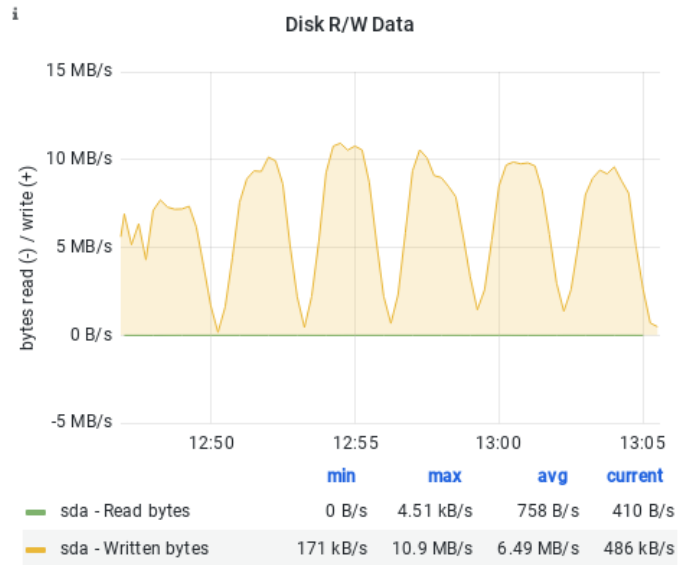
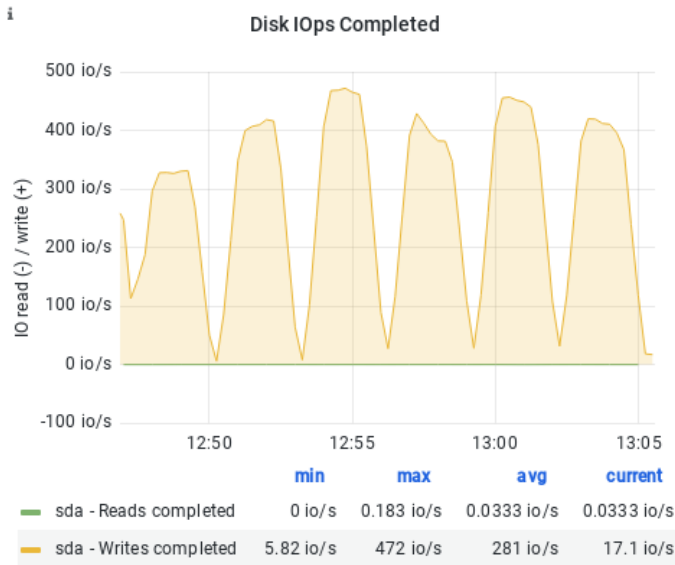


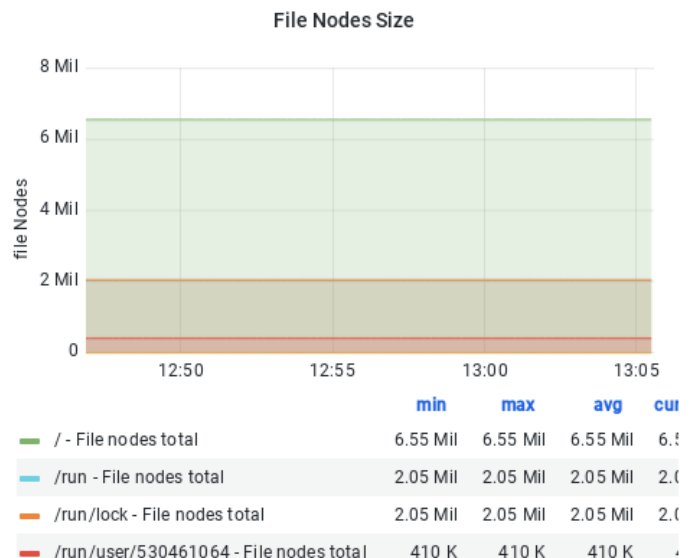
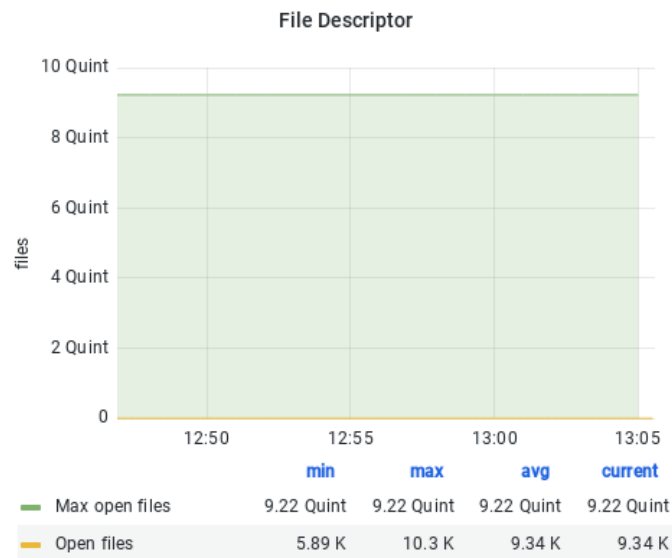
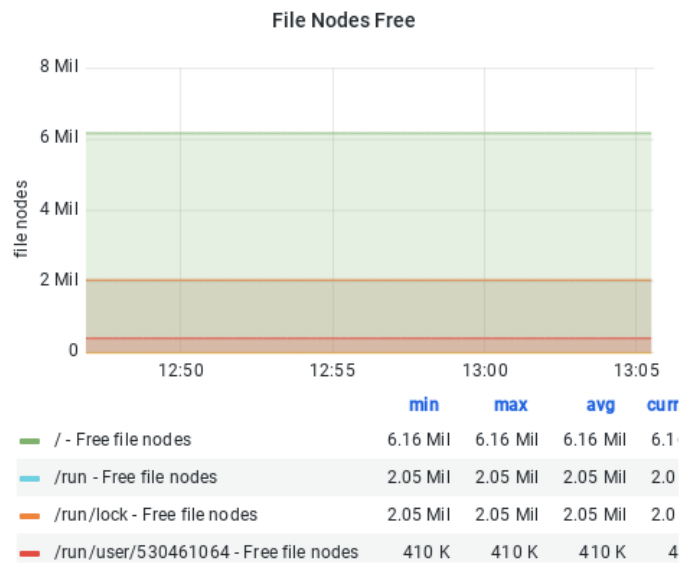
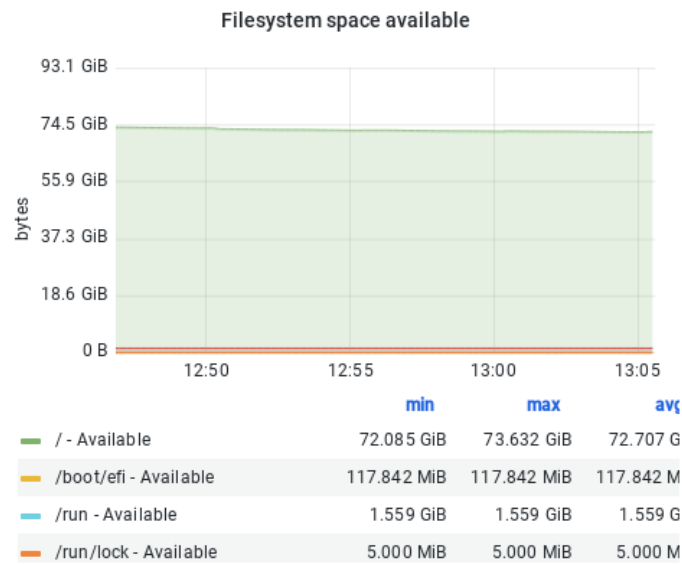
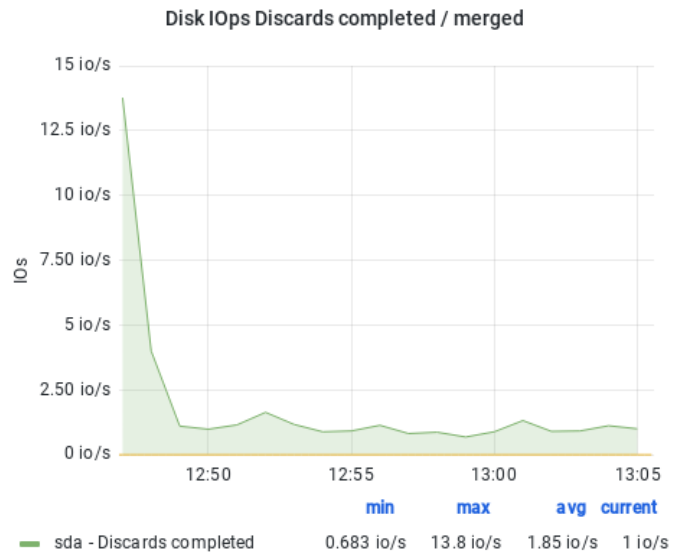
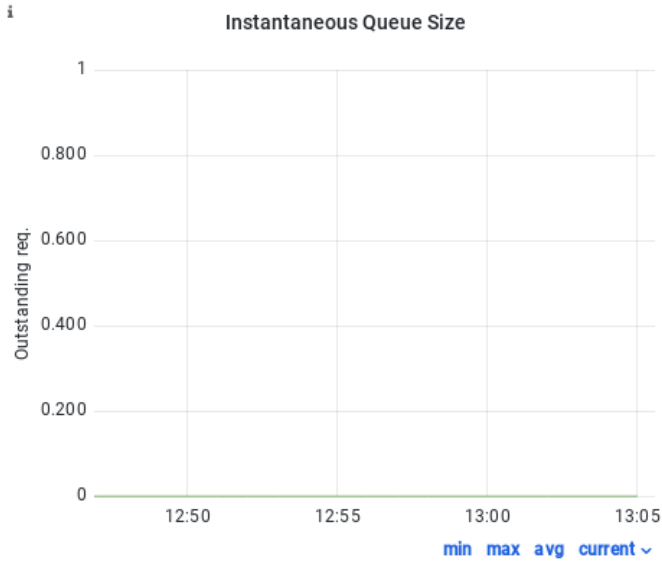
Systemd Sockets



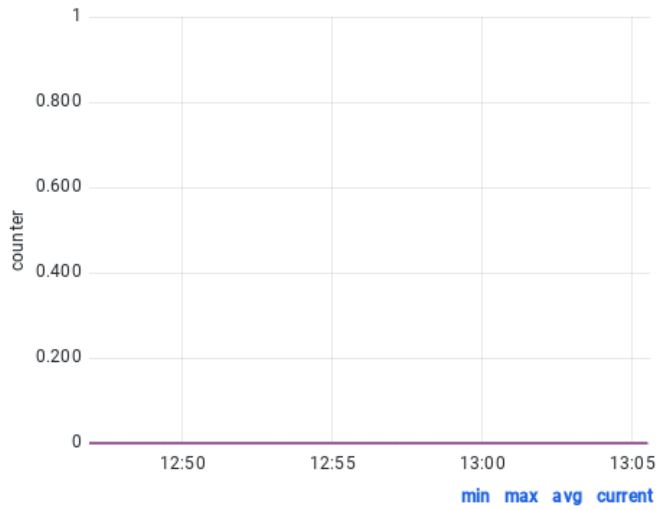
Systemd Units State



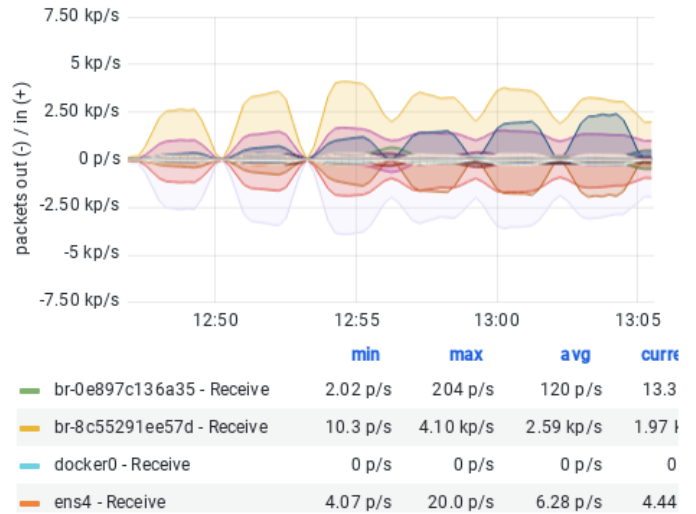




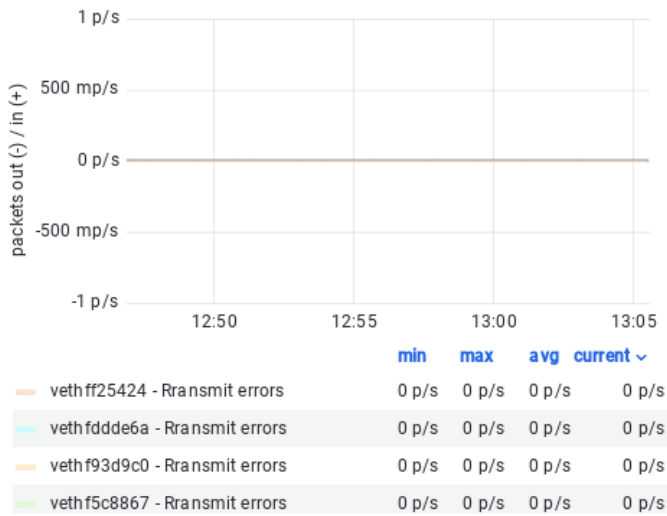
Filesystem in ReadOnly / Error



Network Traffic by Packets



Network Traffic Errors



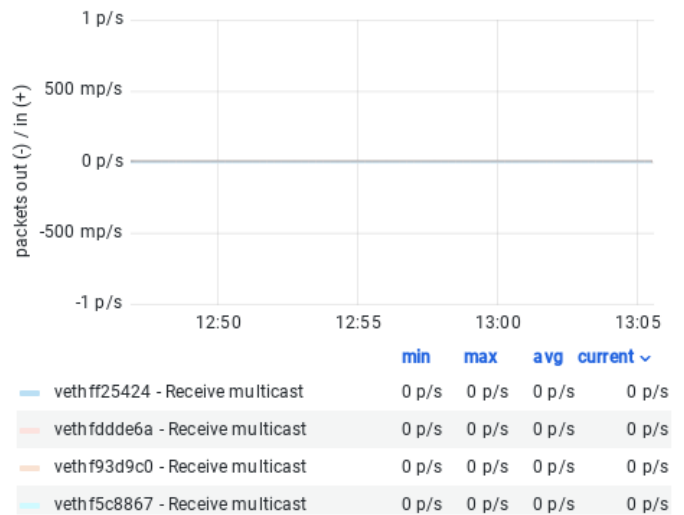
Network Traffic Drop



Network Traffic Compressed



Network Traffic Multicast

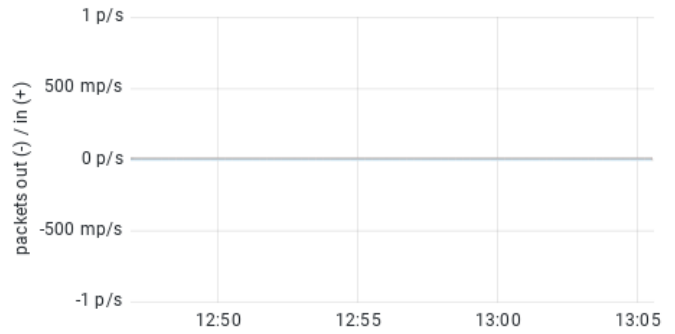


Network Traffic Fifo



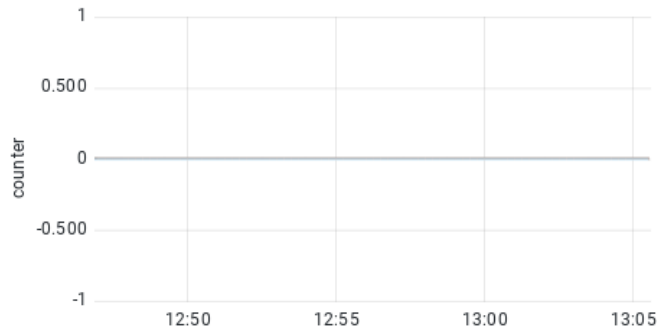
	min	max	avg	current
vethff25424 - Transmit fifo	0 p/s	0 p/s	0 p/s	0 p/s
vethfddde6a - Transmit fifo	0 p/s	0 p/s	0 p/s	0 p/s
vethf93d9c0 - Transmit fifo	0 p/s	0 p/s	0 p/s	0 p/s
vethf5c8867 - Transmit fifo	0 p/s	0 p/s	0 p/s	0 p/s

Network Traffic Frame



	min	max	avg	current
vethff25424 - Receive frame	0 p/s	0 p/s	0 p/s	0 p/s
vethfddde6a - Receive frame	0 p/s	0 p/s	0 p/s	0 p/s
vethf93d9c0 - Receive frame	0 p/s	0 p/s	0 p/s	0 p/s
vethf5c8867 - Receive frame	0 p/s	0 p/s	0 p/s	0 p/s

Network Traffic Carrier



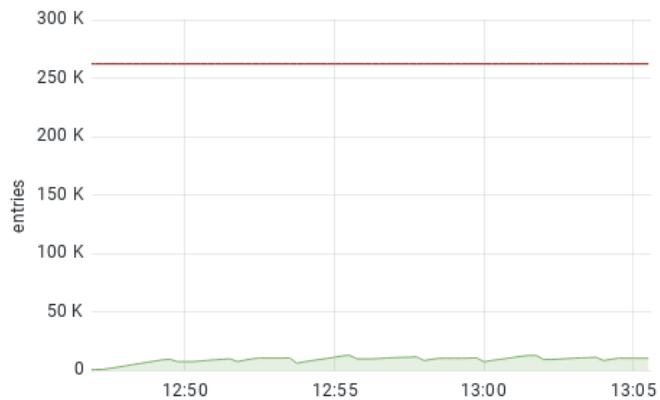
	min	max	avg	current
vethff25424 - Statistic transmit_carrier	0	0	0	0
vethfddde6a - Statistic transmit_carrier	0	0	0	0
vethf93d9c0 - Statistic transmit_carrier	0	0	0	0
vethf5c8867 - Statistic transmit_carrier	0	0	0	0

Network Traffic Colls



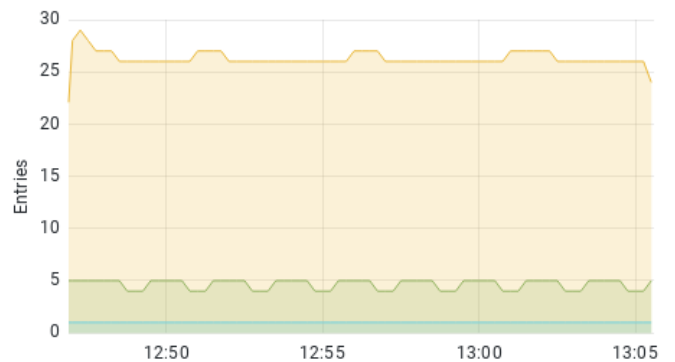
	min	max	avg	current
vethff25424 - Transmit colls	0	0	0	0
vethfddde6a - Transmit colls	0	0	0	0
vethf93d9c0 - Transmit colls	0	0	0	0
vethf5c8867 - Transmit colls	0	0	0	0

NF Contrack



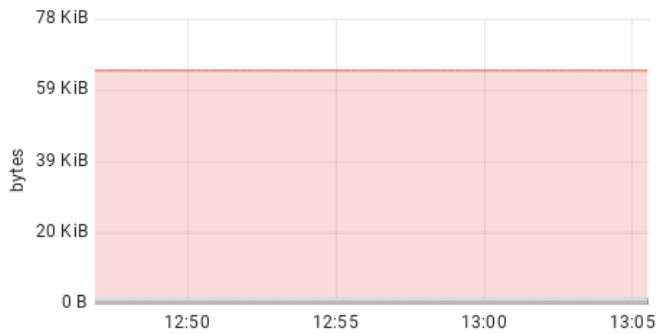
	min	max	avg	current
NF conntrack entries	387	13.0 K	9.09 K	10.4 K
NF conntrack limit	262 K	262 K	262 K	262 K

ARP Entries



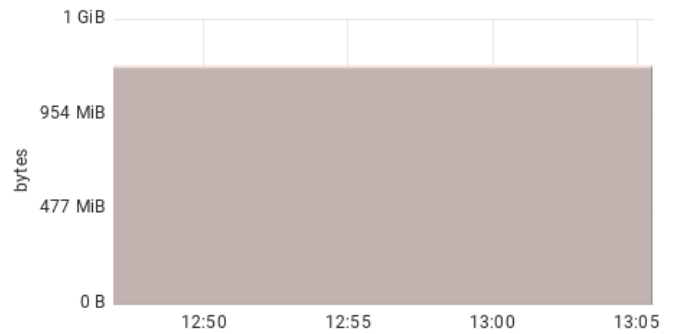
	min	max	avg	current
br-0e897c136a35 - ARP entries	4	5	4.64	5
br-8c55291ee57d - ARP entries	16	29	26.2	24
ens4 - ARP entries	1	1	1	1

MTU



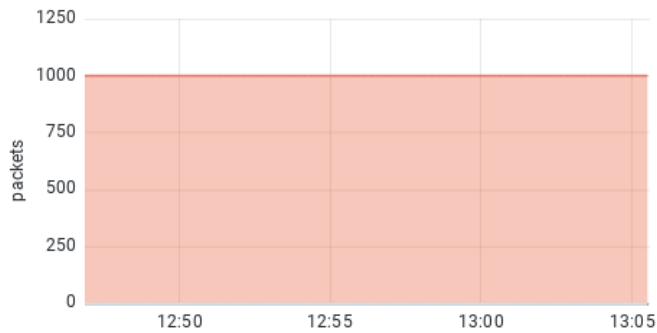
	min	max	avg	current
br-0e897c136a35 - Bytes	1.5 KiB	1.5 KiB	1.5 KiB	1.5 KiB
br-8c55291ee57d - Bytes	1.5 KiB	1.5 KiB	1.5 KiB	1.5 KiB
docker0 - Bytes	1.5 KiB	1.5 KiB	1.5 KiB	1.5 KiB
ens4 - Bytes	1.4 KiB	1.4 KiB	1.4 KiB	1.4 KiB

Speed



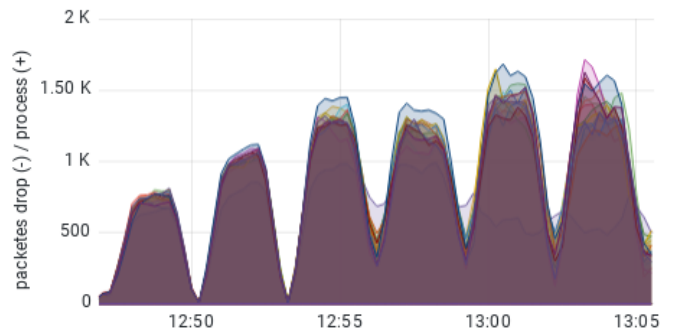
	min	max	avg	current
br-0e897c136a35 - Speed	1.2 GiB	1.2 GiB	1.2 GiB	1.2 GiB
br-8c55291ee57d - Speed	1.2 GiB	1.2 GiB	1.2 GiB	1.2 GiB
docker0 - Speed	-122.1 KiB	-122.1 KiB	-122.1 KiB	-122.1 KiB
ens4 - Speed	-122.1 KiB	-122.1 KiB	-122.1 KiB	-122.1 KiB

Queue Length



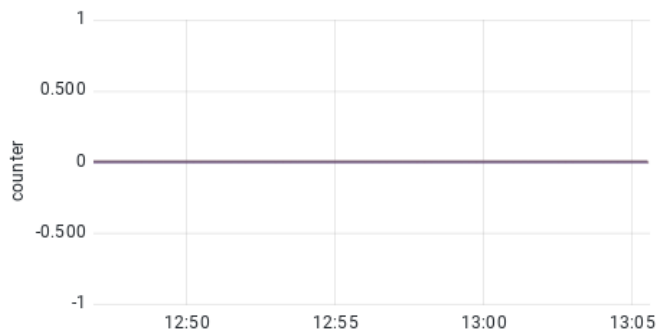
	min	max	avg	current
br-0e897c136a35 - Interface transmit queue length	0.0	0.0	0.0	0.0
br-8c55291ee57d - Interface transmit queue length	0.0	0.0	0.0	0.0
docker0 - Interface transmit queue length	0.0	0.0	0.0	0.0
ens4 - Interface transmit queue length	1000.0	1000.0	1000.0	1000.0

Softnet Packets



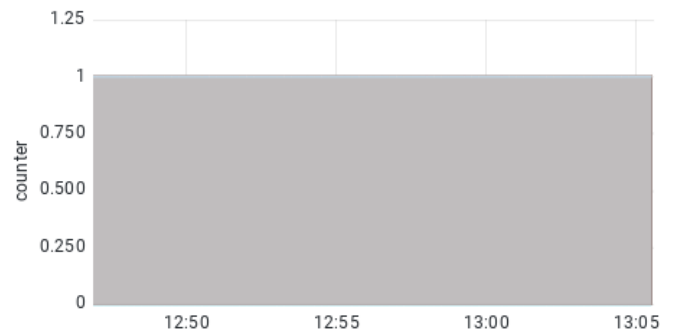
	min	max	avg	current
CPU 3 - Processed	12.2	1.65 K	847	513
CPU 15 - Processed	2.47	989	612	499
CPU 0 - Processed	9.44	1.54 K	870	481
CPU 2 - Processed	5.07	1.42 K	835	475

Softnet Out of Quota



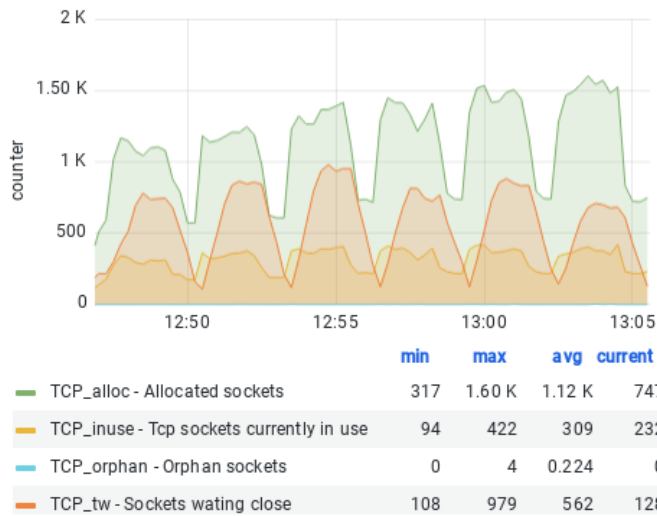
	min	max	avg	current
CPU 9 - Squeezed	0	0	0	0
CPU 8 - Squeezed	0	0	0	0
CPU 7 - Squeezed	0	0	0	0
CPU 6 - Squeezed	0	0	0	0

Network Operational Status

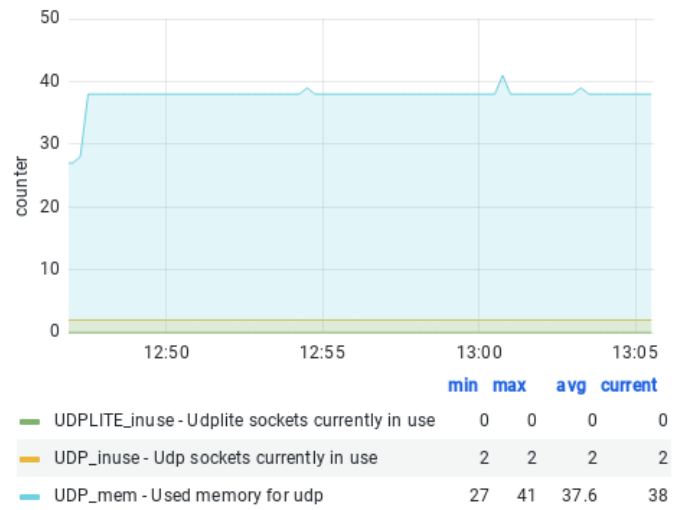


	min	max	avg	current
vethff25424 - Physical link state	1	1	1	1
vethfddde6a - Physical link state	1	1	1	1
vethf93d9c0 - Physical link state	1	1	1	1
vethf5c8867 - Physical link state	1	1	1	1

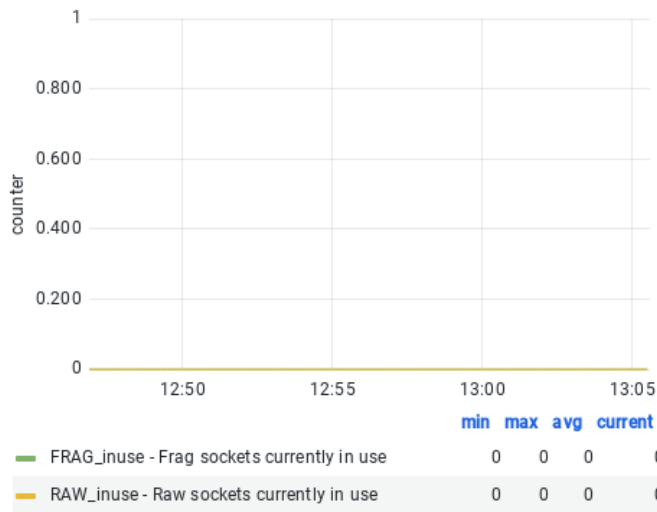
Sockstat TCP



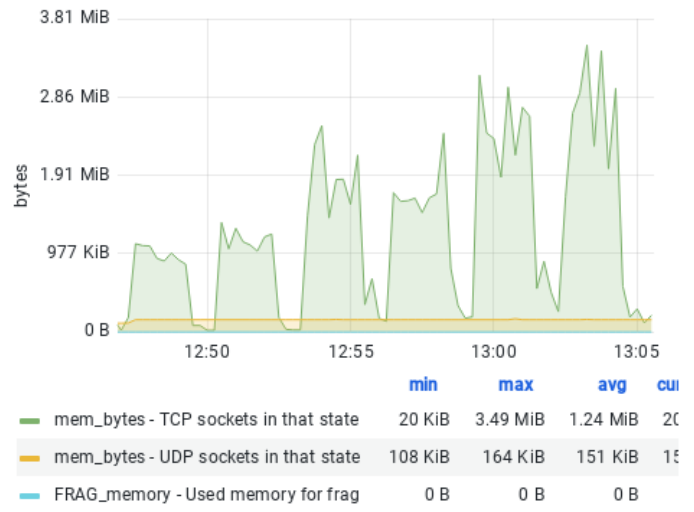
Sockstat UDP



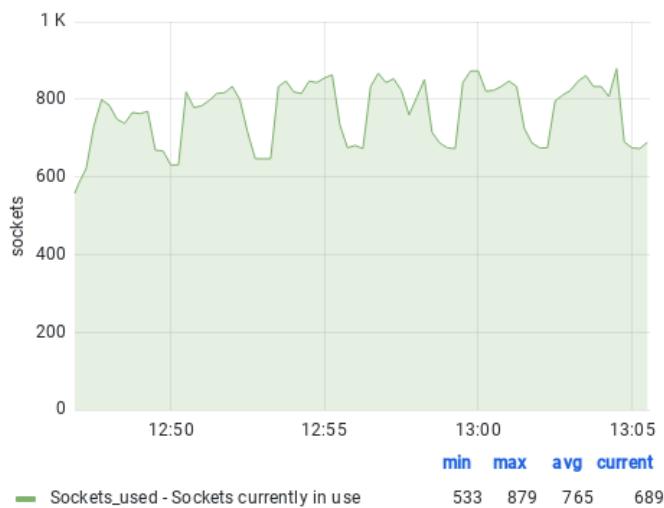
Sockstat FRAG / RAW



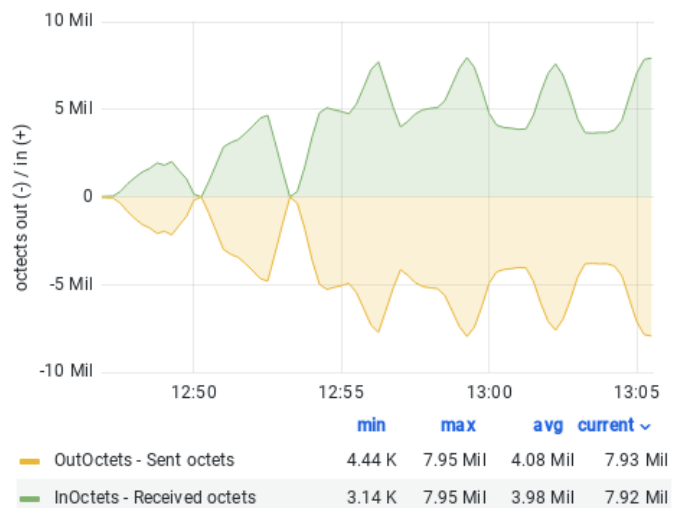
Sockstat Memory Size



Sockstat Used

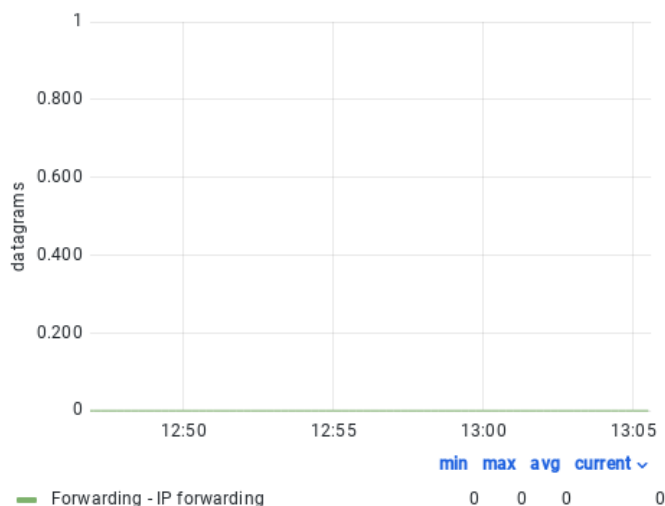


Netstat IP In / Out Octets

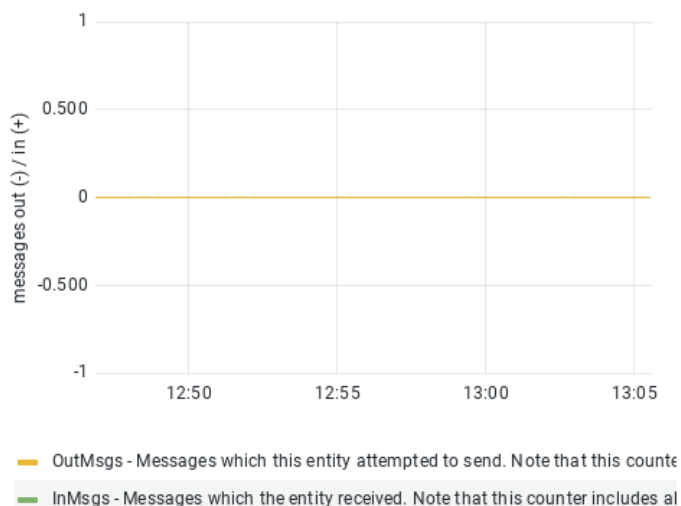




Netstat IP Forwarding



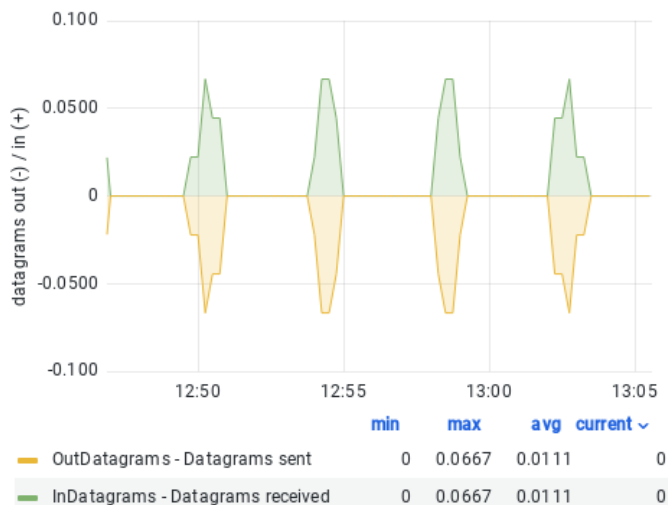
ICMP In / Out



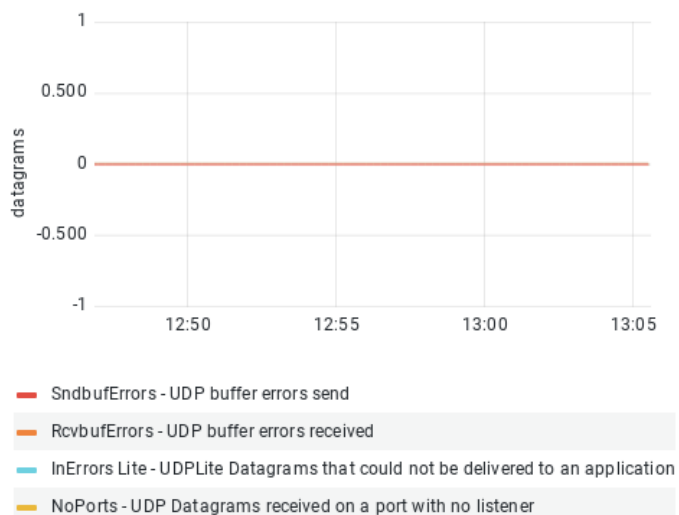
ICMP Errors



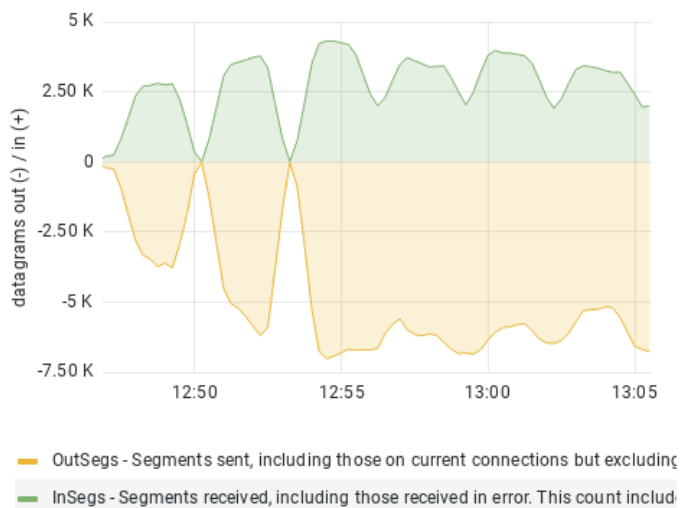
UDP In / Out



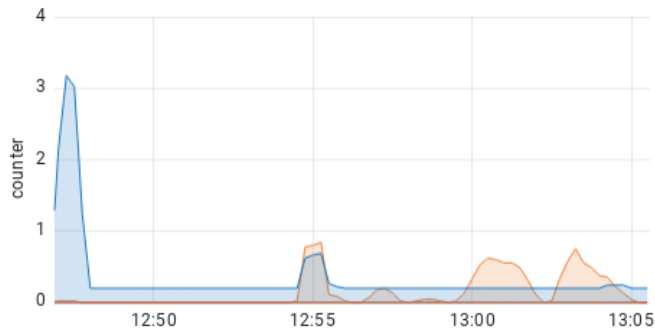
UDP Errors



TCP In / Out



TCP Errors



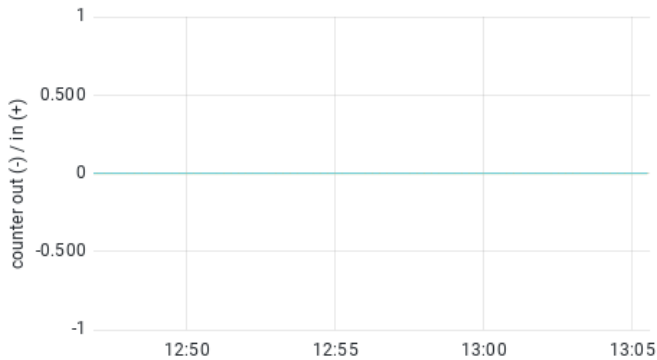
OutRsts - Segments sent with RST flag  
 InErrs - Segments received in error (e.g., bad TCP checksums)  
 RetransSegs - Segments retransmitted - that is, the number of TCP segments tr  
 TCPSynRetrans - SYN-SYN/ACK retransmits to break down retransmissions in

TCP Connections



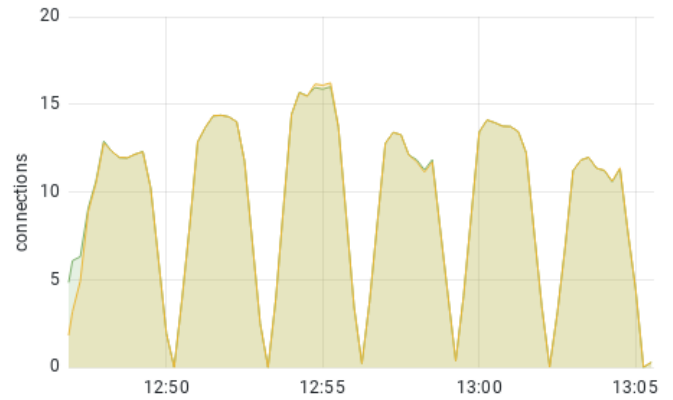
CurrEstab - TCP connections for which the current state is either ESTABLISHED

TCP SynCookie



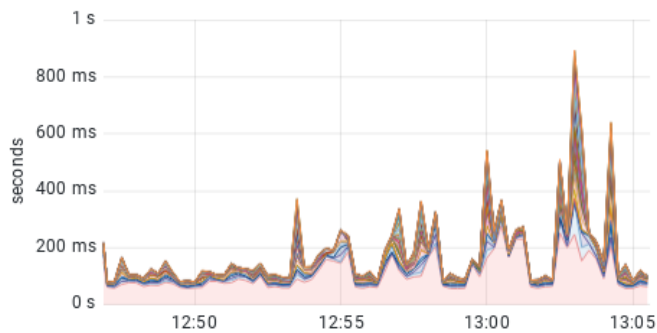
	min	max	avg	current
SyncookiesSent - SYN cookies sent	0	0	0	0
SyncookiesRecv - SYN cookies received	0	0	0	0
SyncookiesFailed - Invalid SYN cookies received	0	0	0	0

TCP Direct Transition



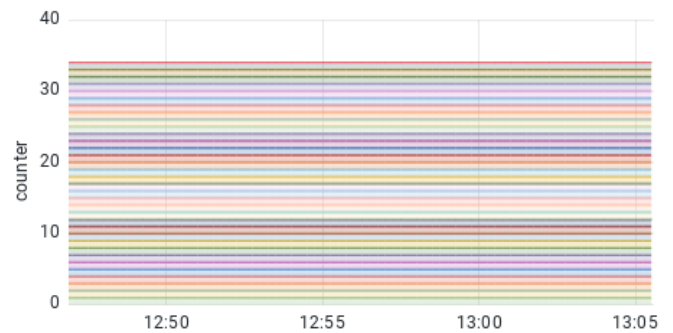
ActiveOpens - TCP connections that have made a direct transition to the SYN-S  
 PassiveOpens - TCP connections that have made a direct transition to the SYN

Node Exporter Scrape Time



	min	max	avg	current
netclass - Scrape duration	57.3 ms	279 ms	109 ms	64.1
netdev - Scrape duration	2.58 ms	111 ms	10.6 ms	5.79
diskstats - Scrape duration	1.02 ms	50.1 ms	4.78 ms	3.77
filesystem - Scrape duration	1.97 ms	42.9 ms	7.63 ms	3.40

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