

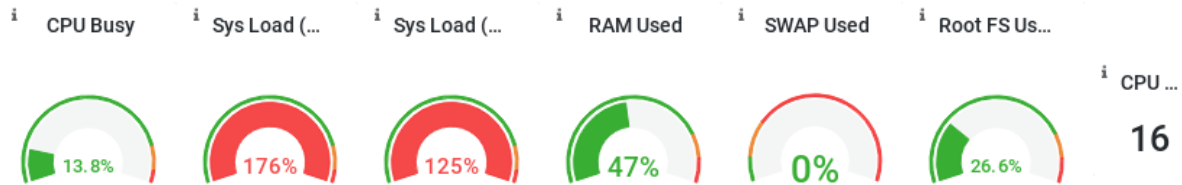
# Host Metrics

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

Wed Nov 16 12:52:23 UTC 2022

to

Wed Nov 16 13:12:41 UTC 2022

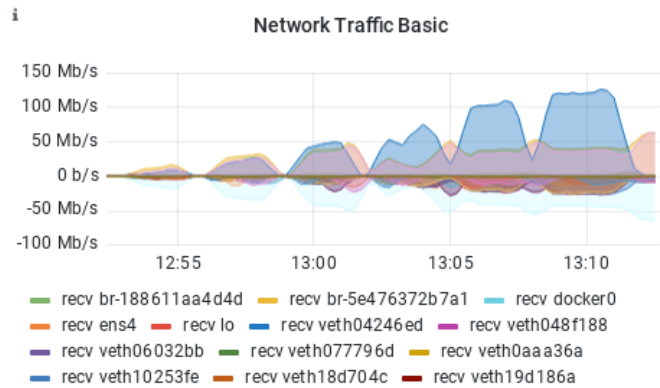
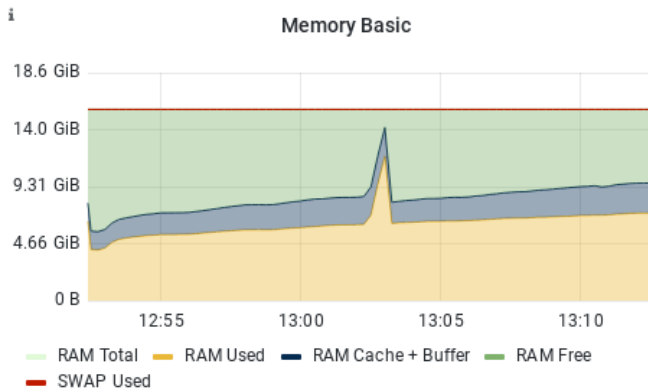
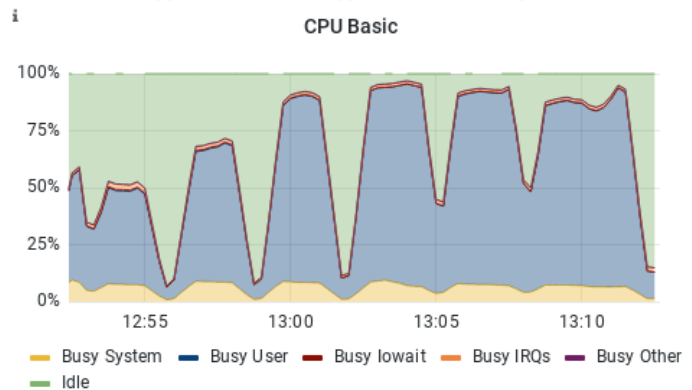


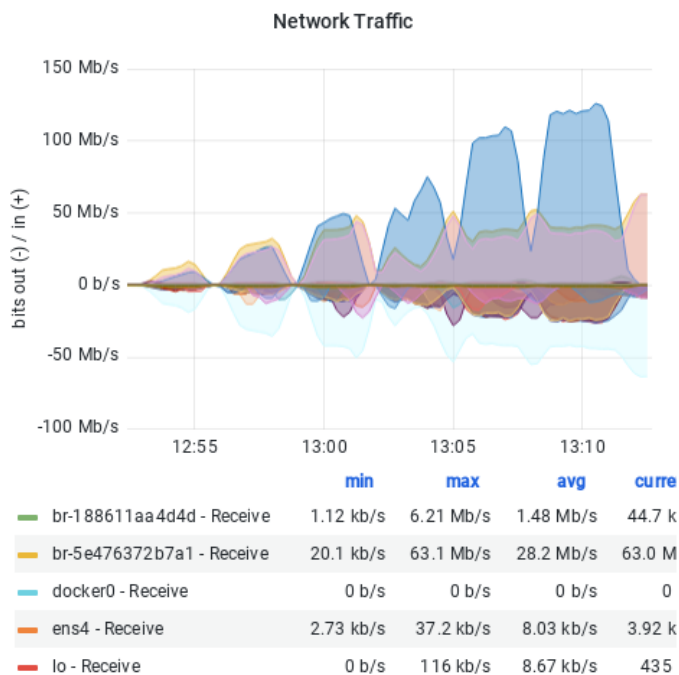
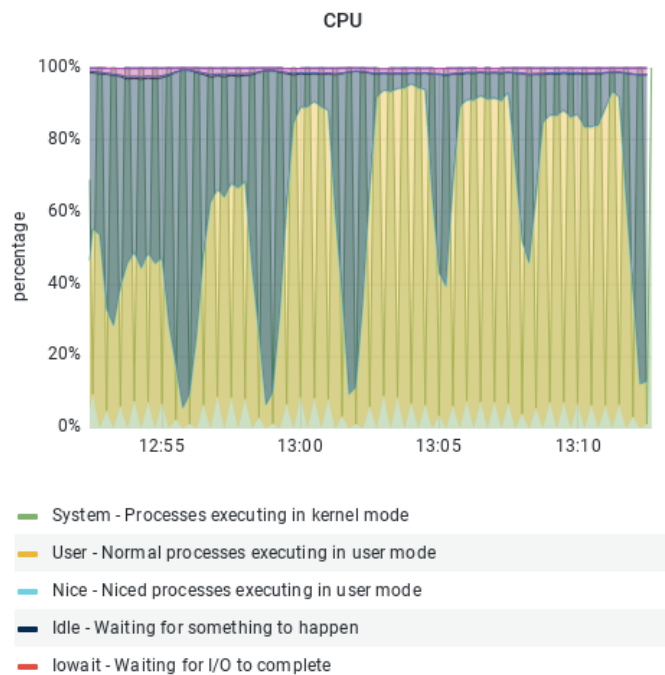
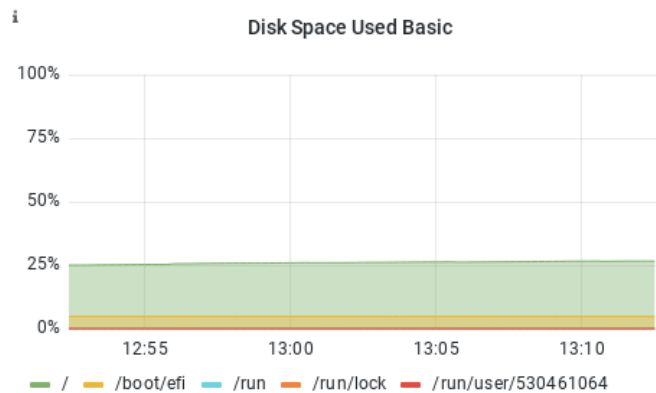
Uptime: 3.3 hour

Root...: 98 GiB

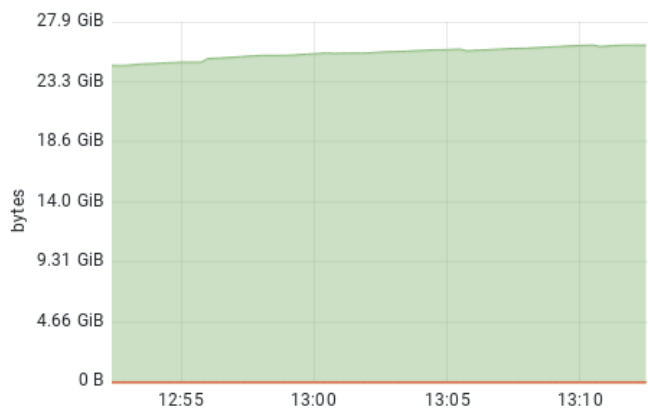
RAM...: 16 GiB

SWA...: 0 B



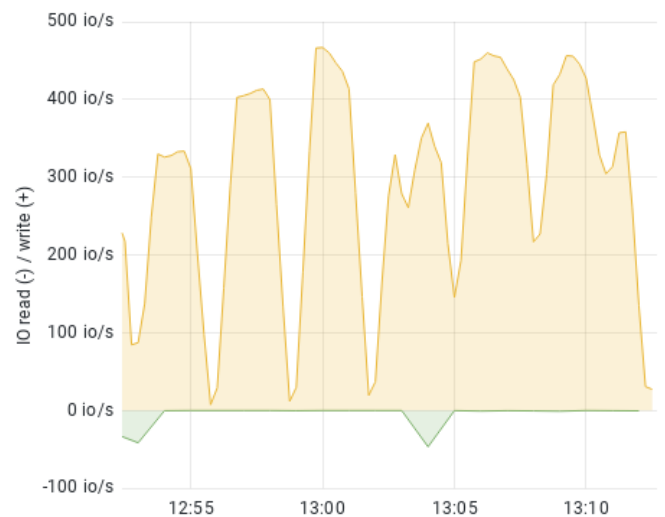


Disk Space Used



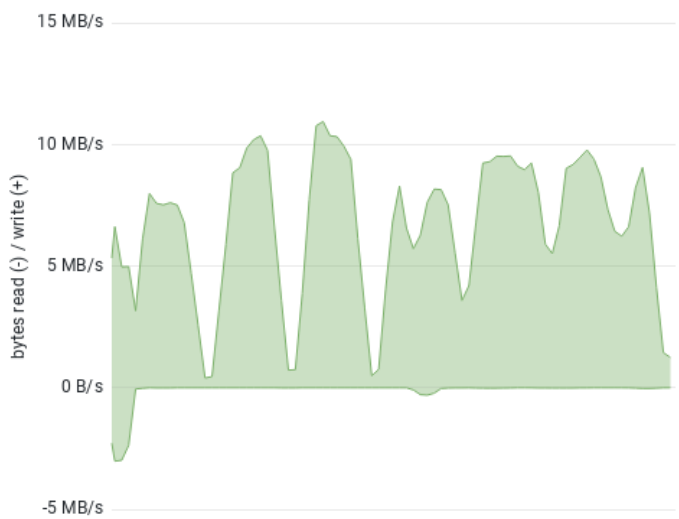
	min	max	avg	current ^
/run/lock	0.000 B	0.000 B	0.000 B	0.000 B
/run/user/530461064	0.000 B	0.000 B	0.000 B	0.000 B
/run	3.895 MiB	3.973 MiB	3.972 MiB	3.973 MiB
/boot/efi	5.898 MiB	5.898 MiB	5.898 MiB	5.898 MiB
/	24.546 GiB	26.127 GiB	25.496 GiB	26.127 GiB

Disk IOPS



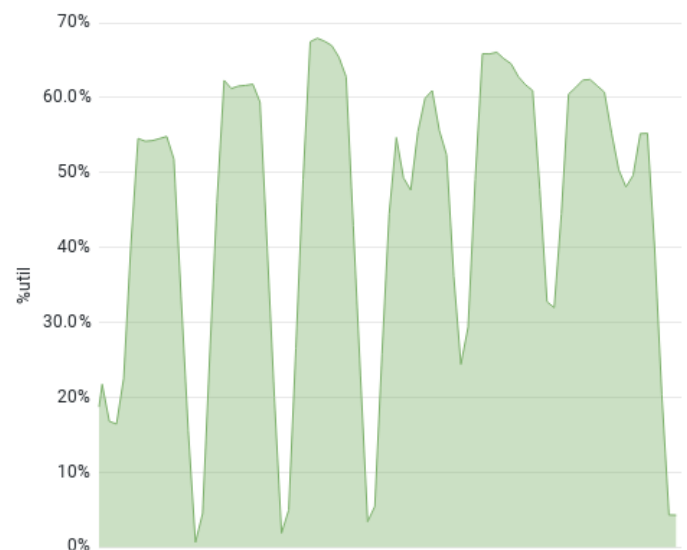
	min	max	avg	current
sda - Reads completed	0 io/s	46.7 io/s	5.73 io/s	0.433 io/s
sda - Writes completed	7.51 io/s	467 io/s	292 io/s	27.3 io/s

I/O Usage Read / Write



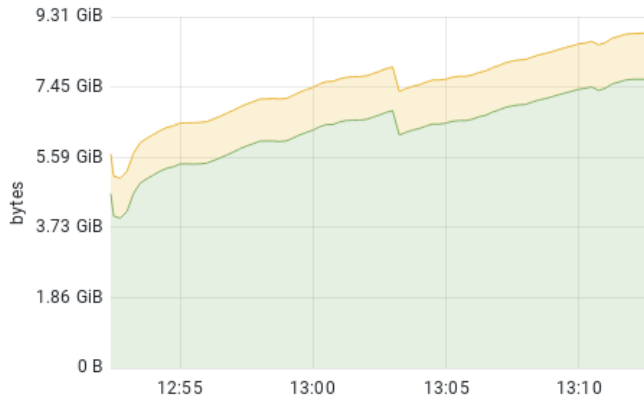
	min	max	avg
sda - Successfully read bytes	0.000 B/s	3.014 MB/s	134.174 kB
sda - Successfully written bytes	402.136 kB/s	10.940 MB/s	6.688 MB

I/O Utilization



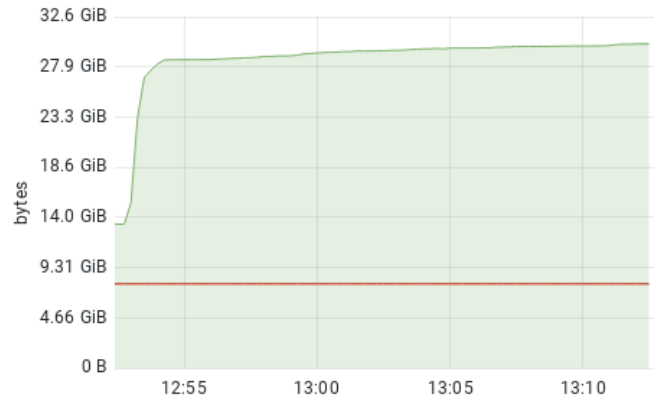
	min	max	avg	current
sda	0.631%	67.929%	44.291%	4.258%

Memory Active / Inactive



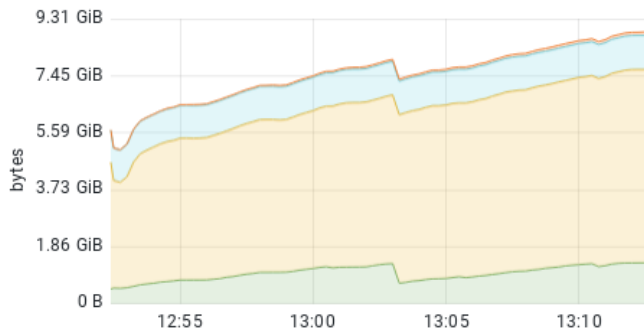
— Inactive - Memory which has been less recently used. It is more eligible to be re  
 — Active - Memory that has been used more recently and usually not reclaimed u

Memory Committed



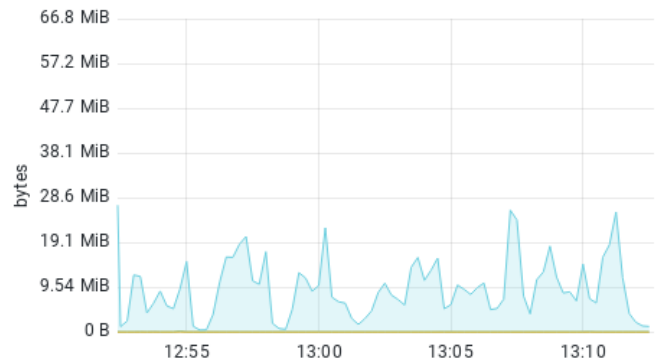
— Committed\_AS - Amount of memory presently allocated on the system  
 — CommitLimit - Amount of memory currently available to be allocated on the sy

Memory Active / Inactive Detail



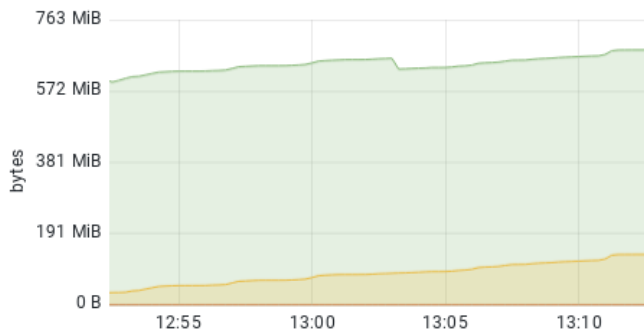
— Inactive\_file - File-backed memory on inactive LRU list  
 — Inactive\_anon - Anonymous and swap cache on inactive LRU list, including tmp  
 — Active\_file - File-backed memory on active LRU list  
 — Active\_anon - Anonymous and swap cache on active least-recently-used (LRU)

Memory Writeback and Dirty



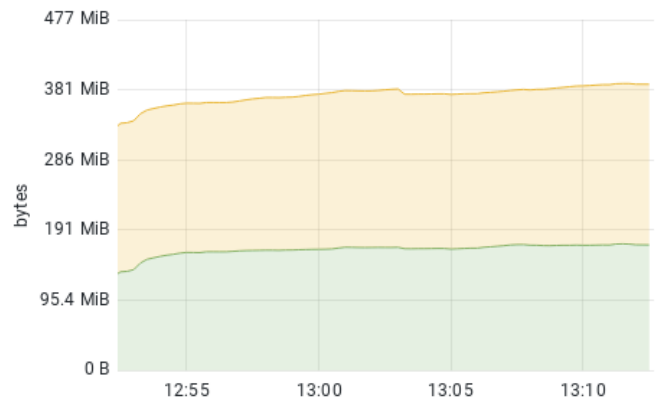
— Writeback - Memory which is actively being written back to disk  
 — WritebackTmp - Memory used by FUSE for temporary writeback buffers  
 — Dirty - Memory which is waiting to get written back to the disk 400.

Memory Shared and Mapped



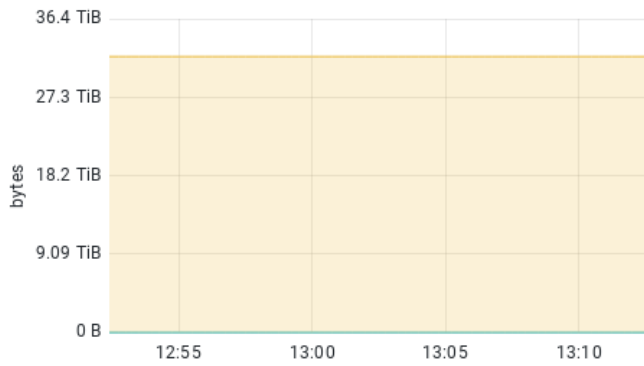
— Mapped - Used memory in mapped pages files which have been mmaped, such  
 — Shmem - Used shared memory (shared between several processes, thus includ  
 — ShmemHugePages - Memory used by shared memory (shmem) and tmpfs allc  
 — ShmemPmdMapped - Ammount of shared (shmem/tmpfs) memory backed by

Memory Slab



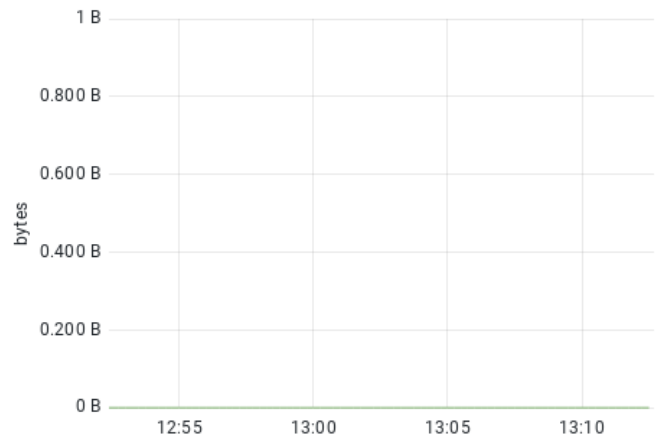
— SUnreclaim - Part of Slab, that cannot be reclaimed on memory pressure 12  
 — SReclaimable - Part of Slab, that might be reclaimed, such as caches 19

Memory Vmalloc



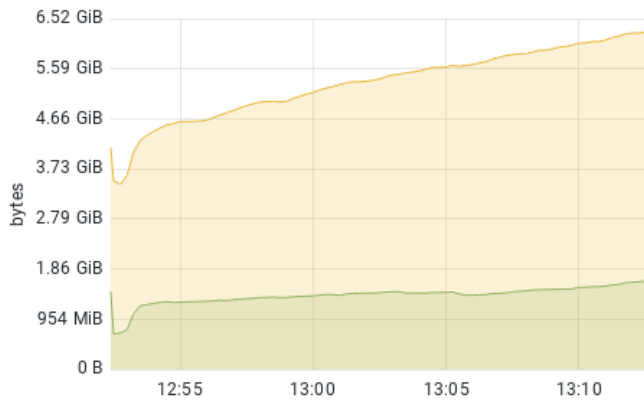
VmallocChunk - Largest contiguous block of vmalloc area which is free	0
VmallocTotal - Total size of vmalloc memory area	32.0
VmallocUsed - Amount of vmalloc area which is used	37.9

Memory Bounce



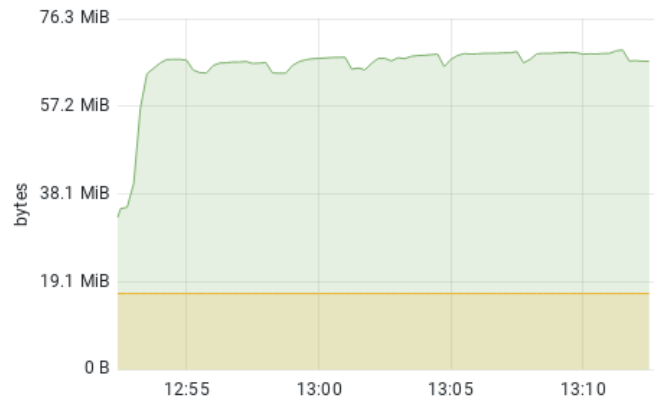
Bounce - Memory used for block device bounce buffers	0.00 B	0.00 B	0.00 B
--	--------	--------	--------

Memory Anonymous



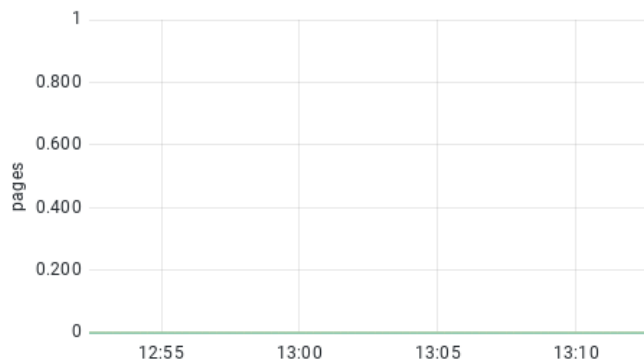
AnonHugePages - Memory in anonymous huge pages	672.00 MiB	2.46 GiB
AnonPages - Memory in user pages not backed by files	3.44 GiB	6.26 GiB

Memory Kernel / CPU



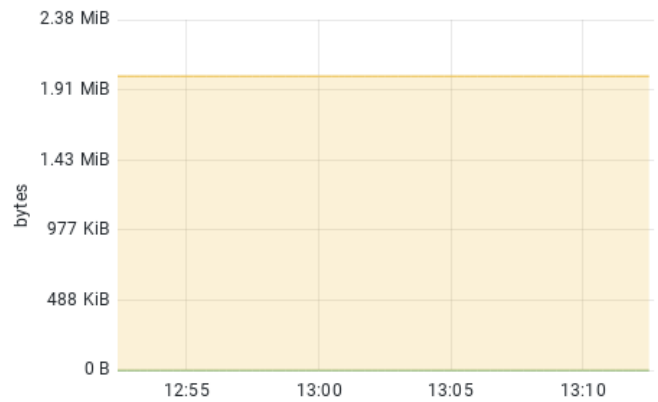
KernelStack - Kernel memory stack. This is not reclaimable	30.5
PerCPU - Per CPU memory allocated dynamically by loadable modules	16.5

Memory HugePages Counter



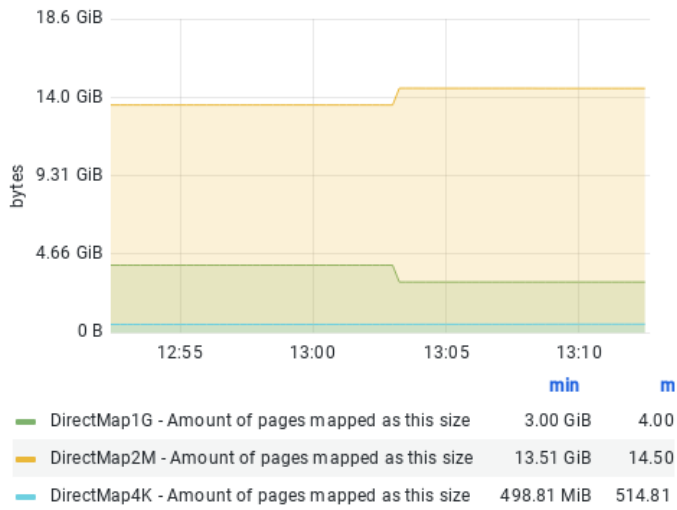
HugePages_Free - Huge pages in the pool that are not yet allocated	0
HugePages_Rsvd - Huge pages for which a commitment to allocate from the pool has been made	0
HugePages_Surp - Huge pages in the pool above the value in /proc/sys/vm/nr_hugepages	0

Memory HugePages Size

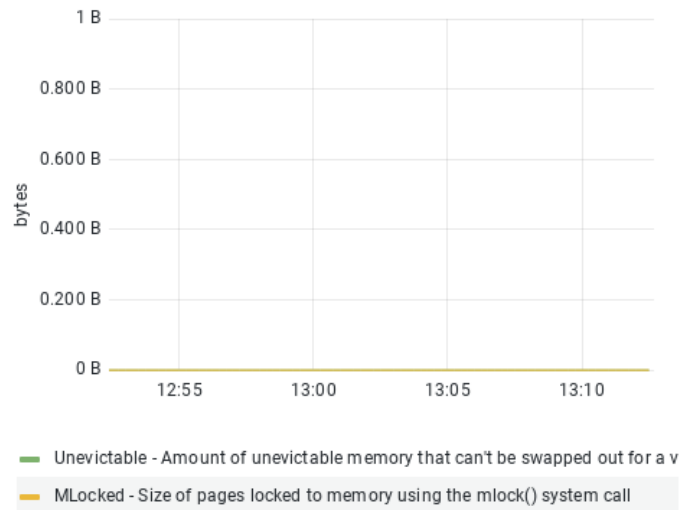


HugePages - Total size of the pool of huge pages	0.00 B	0.00 B
Hugepagesize - Huge Page size	2.00 MiB	2.00 MiB

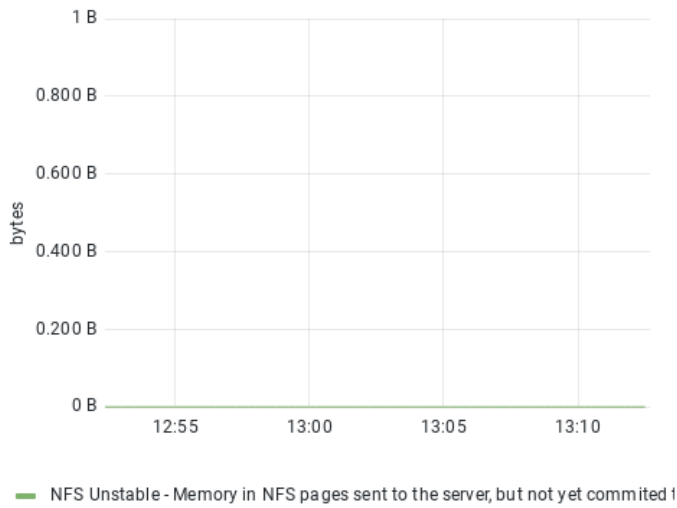
Memory DirectMap



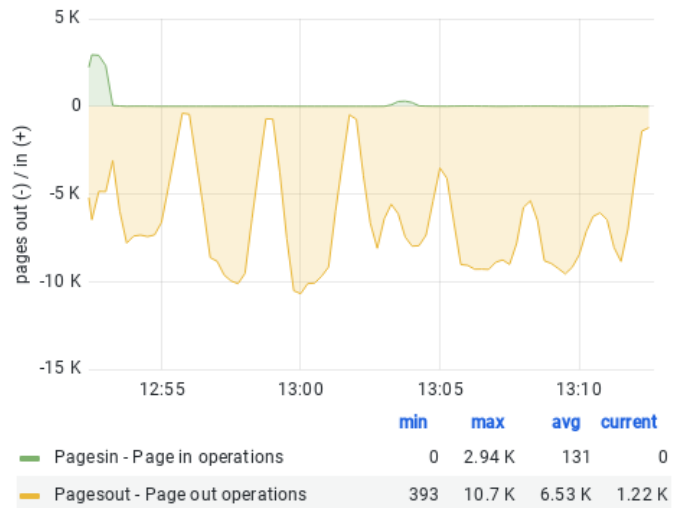
Memory Unevictable and MLocked



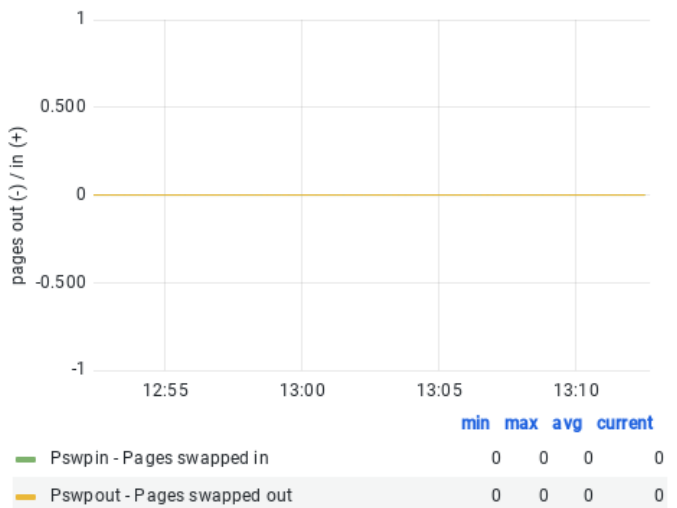
Memory NFS



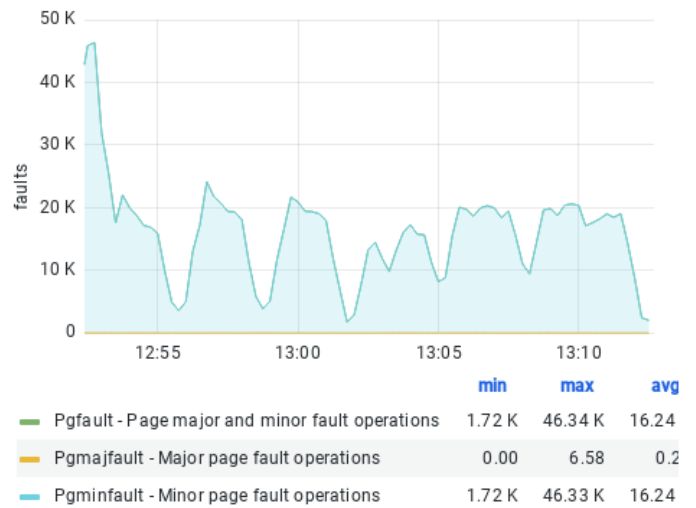
Memory Pages In / Out

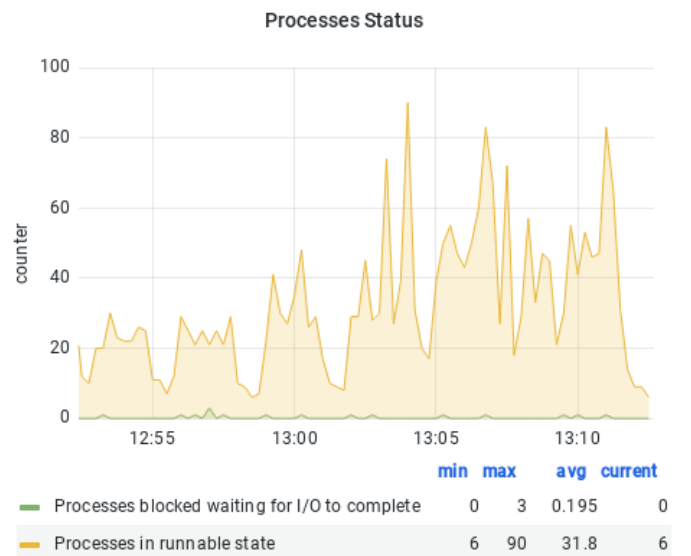
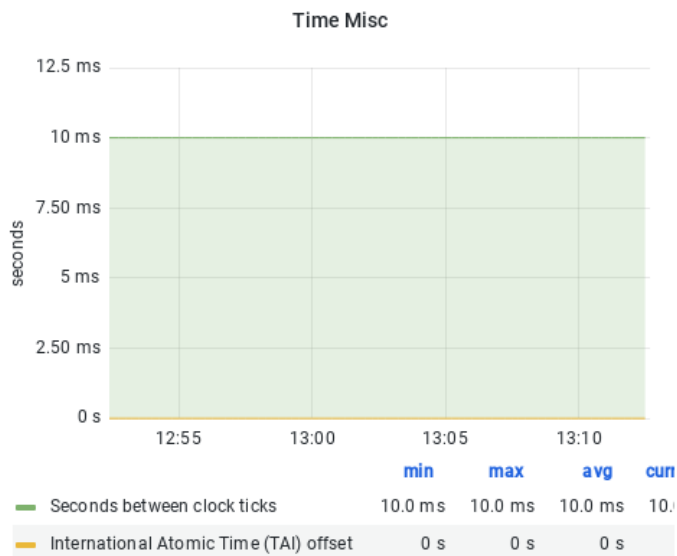
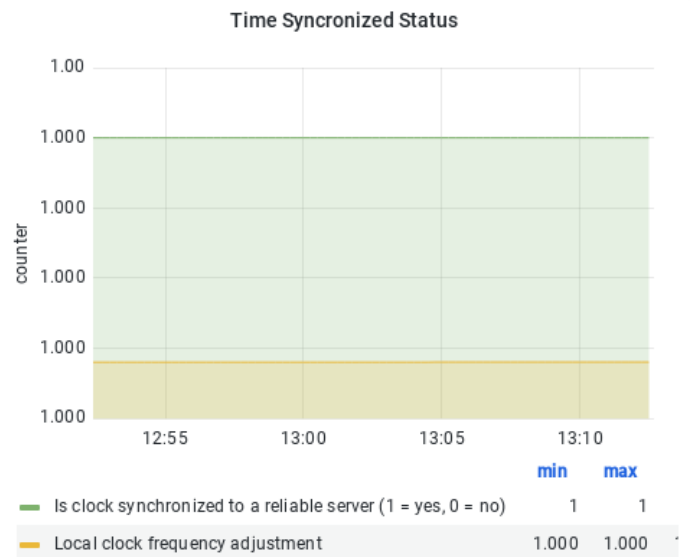
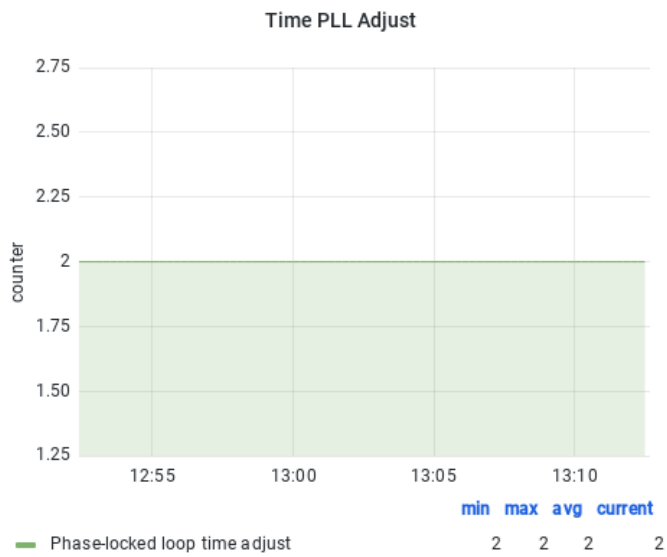
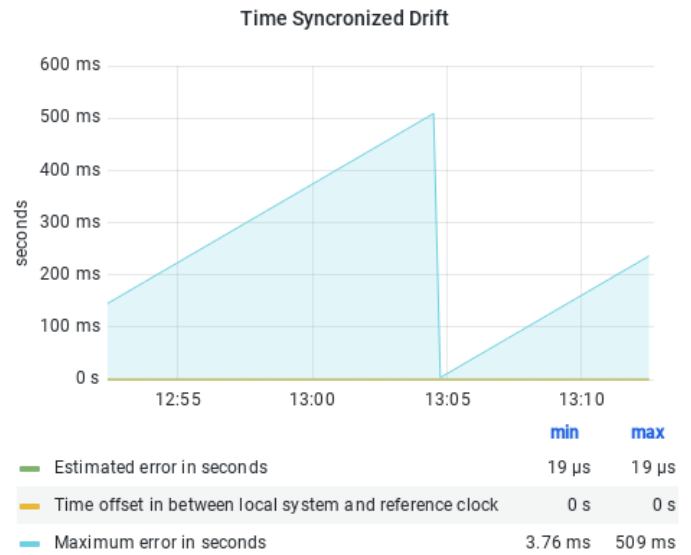
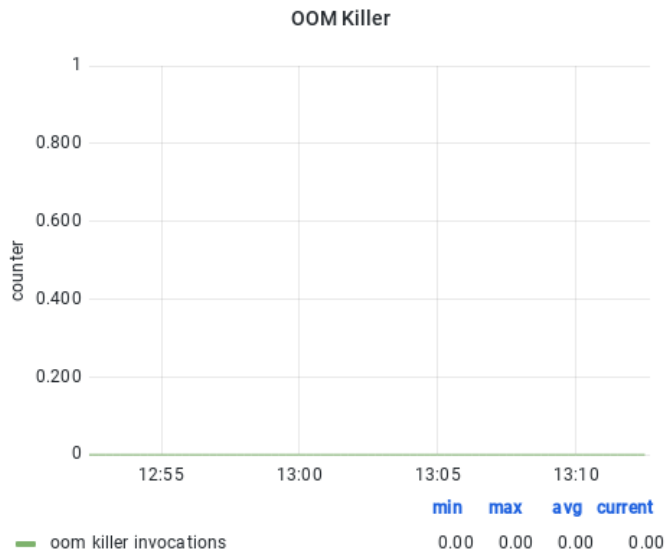


Memory Pages Swap In / Out

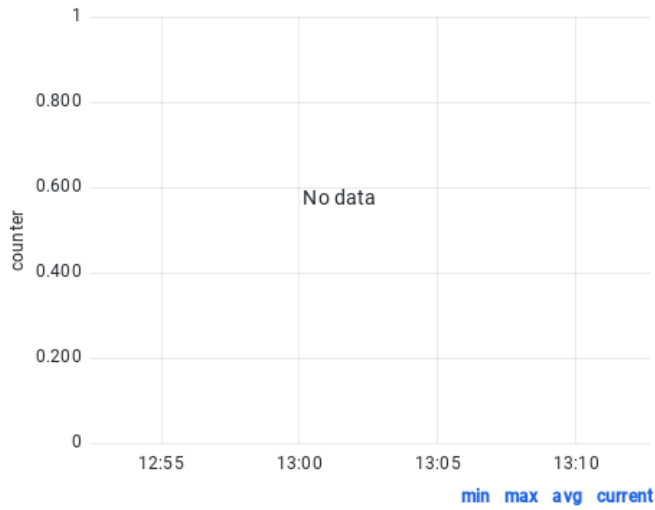


Memory Page Faults

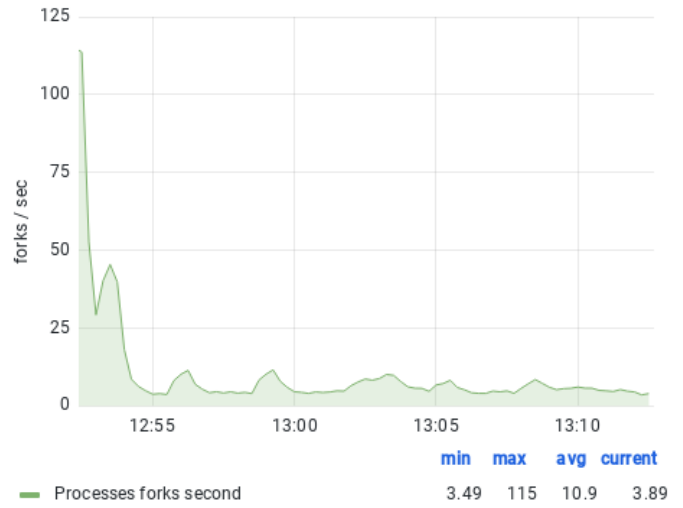




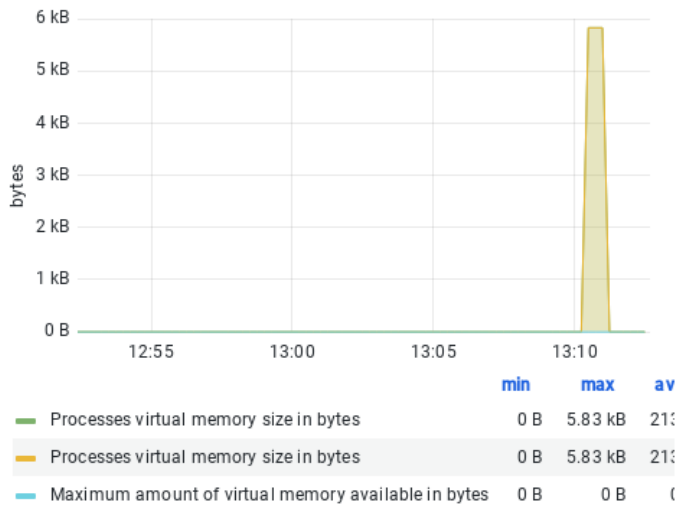
Processes State



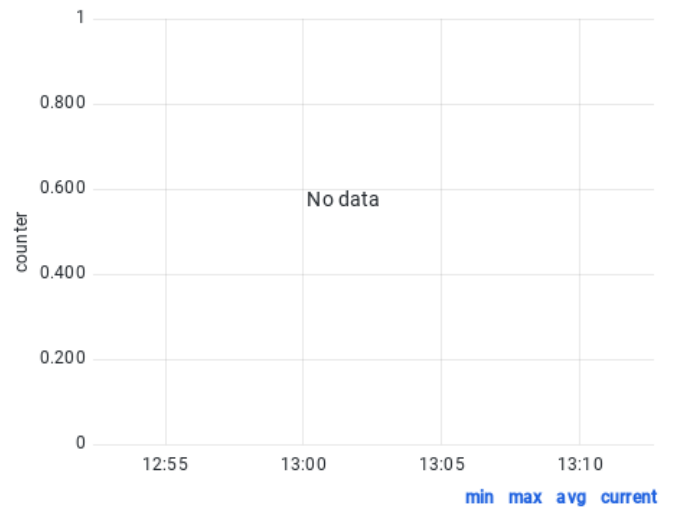
Processes Forks



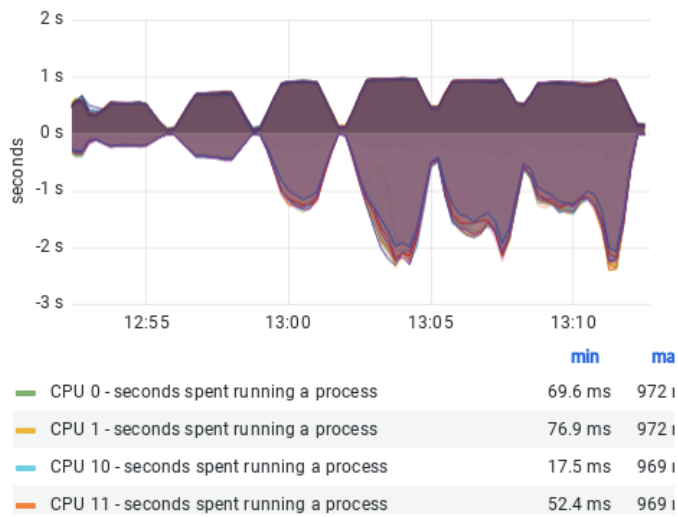
Processes Memory



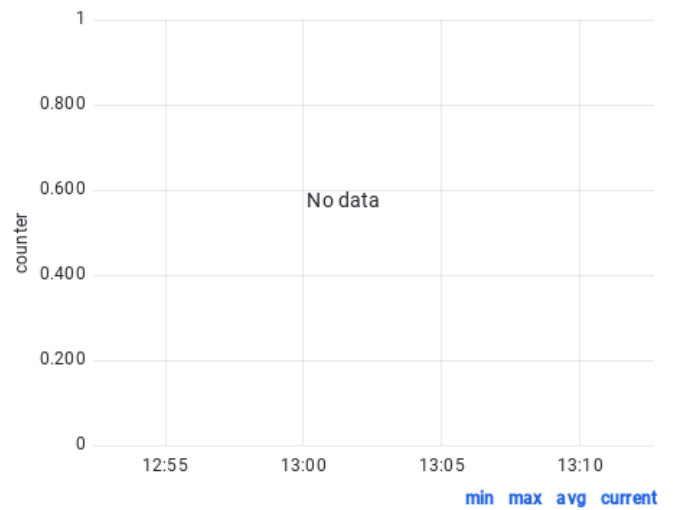
PIDs Number and Limit



Process schedule stats Running / Waiting

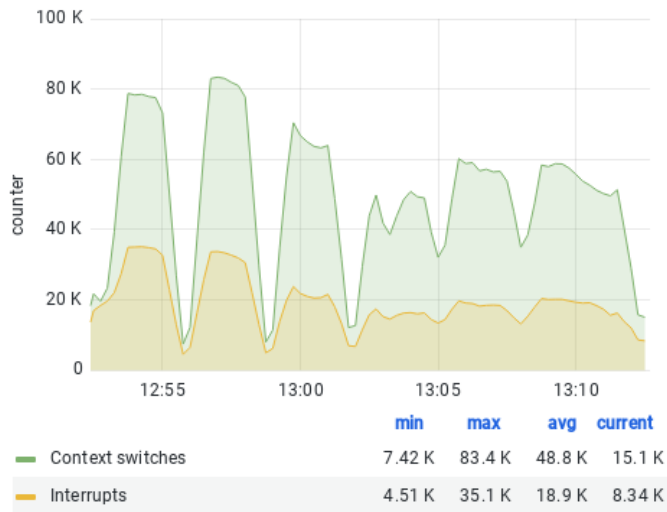


Threads Number and Limit

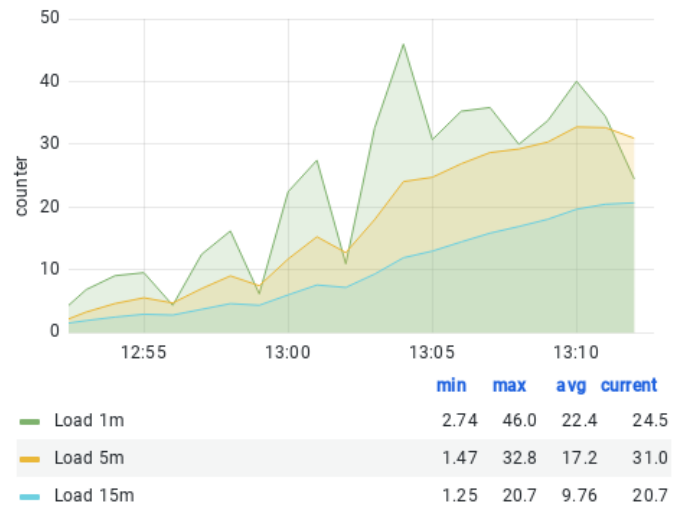




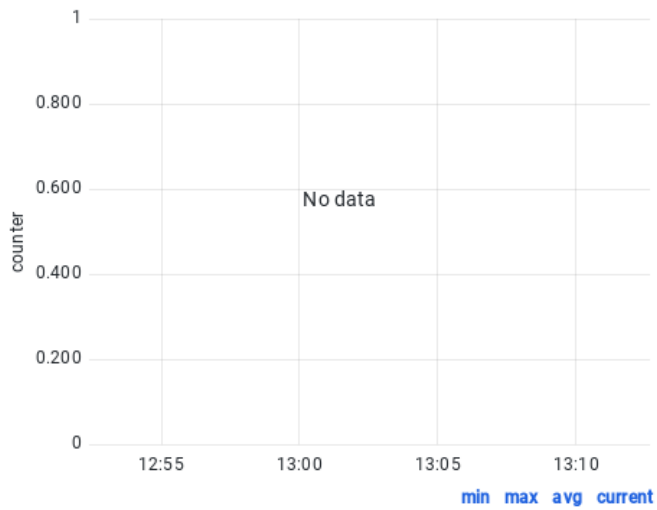
Context Switches / Interrupts



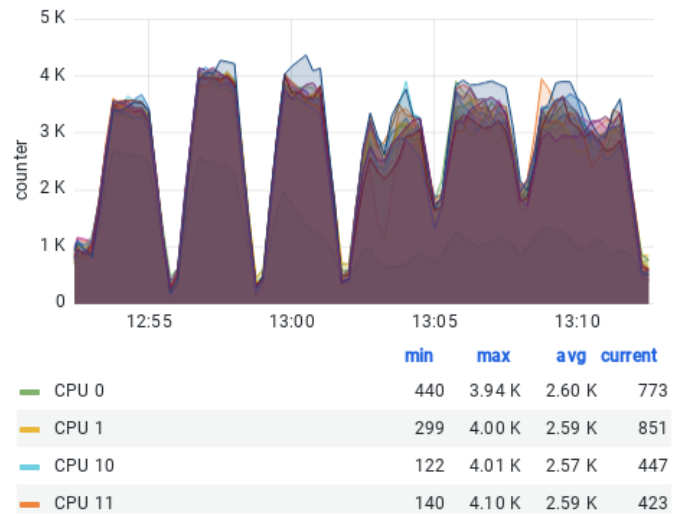
System Load



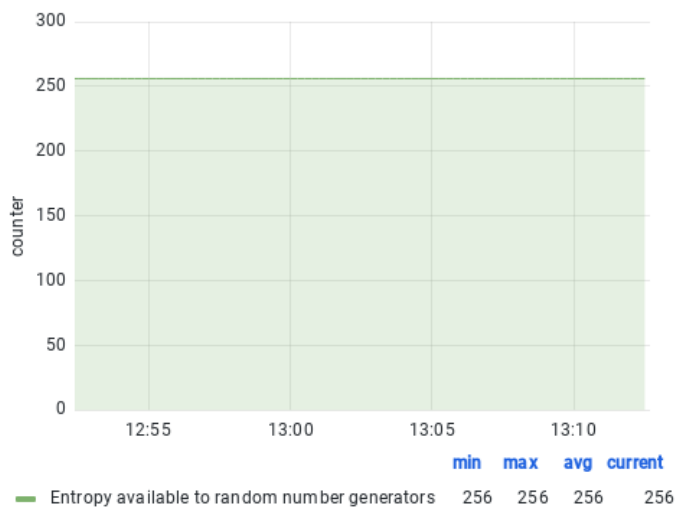
Interrupts Detail



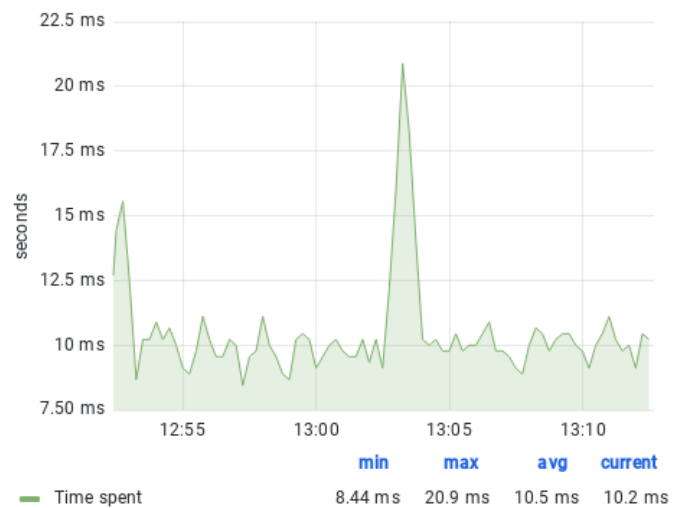
Schedule timeslices executed by each cpu



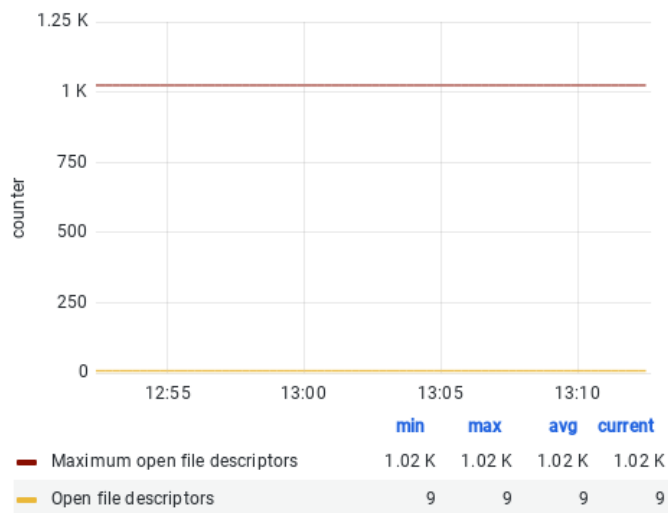
Entropy



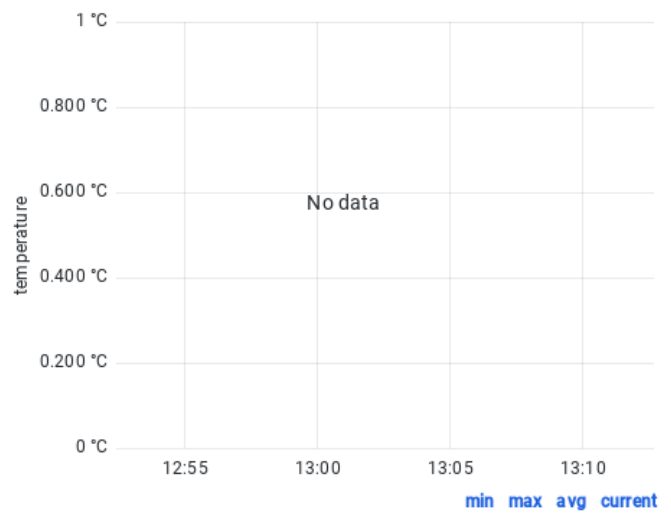
CPU time spent in user and system contexts



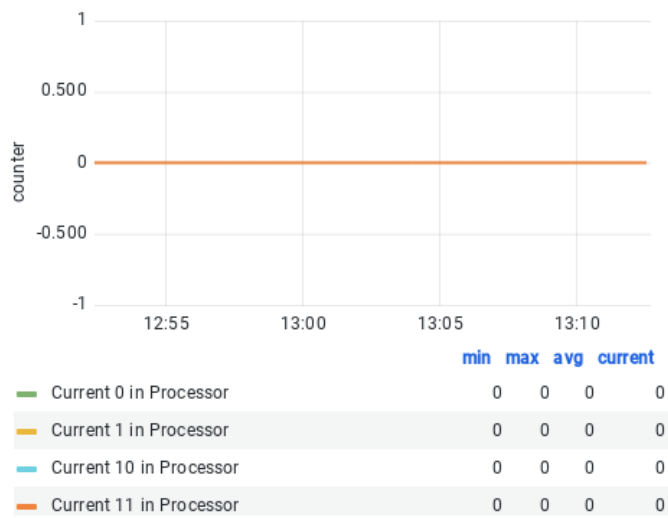
File Descriptors



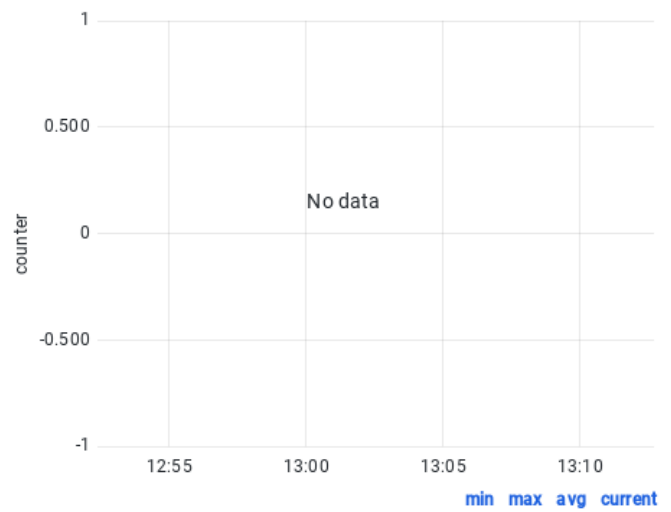
Hardware temperature monitor



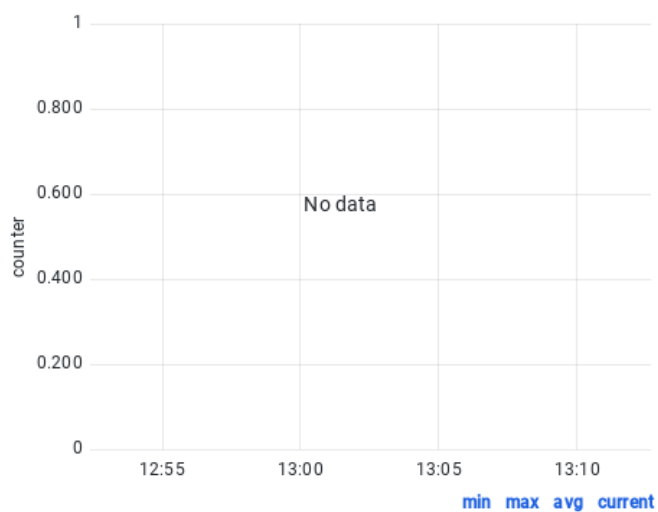
Throttle cooling device



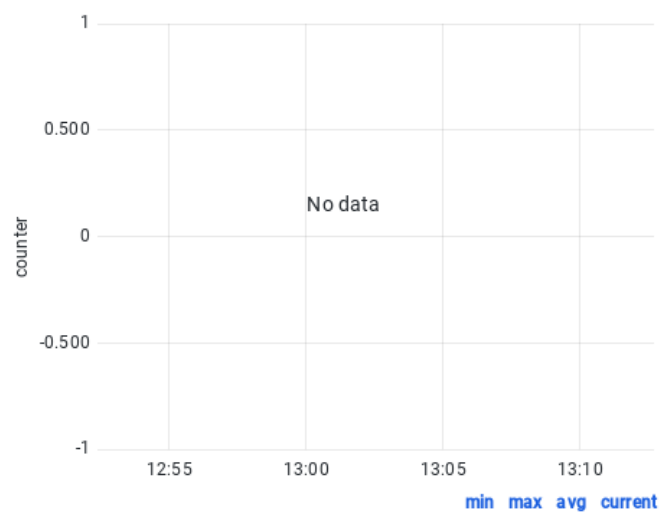
Power supply

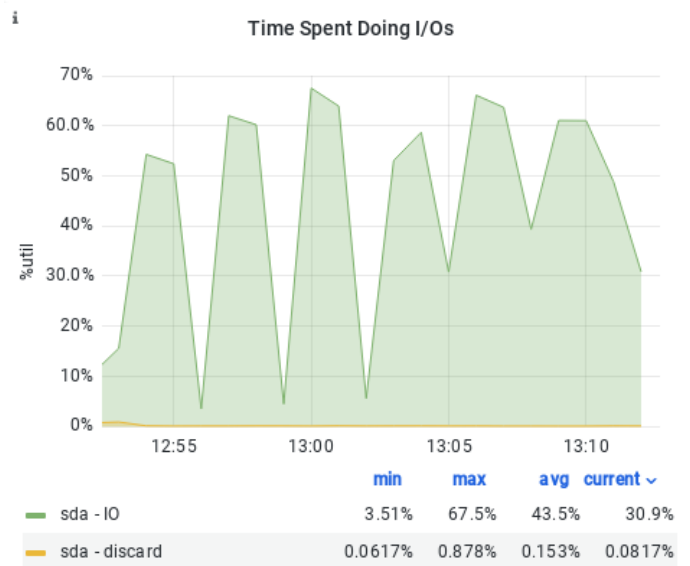
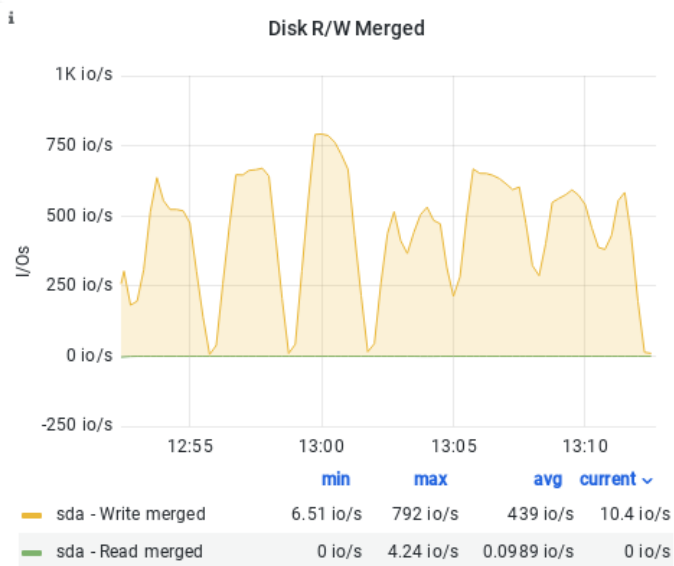
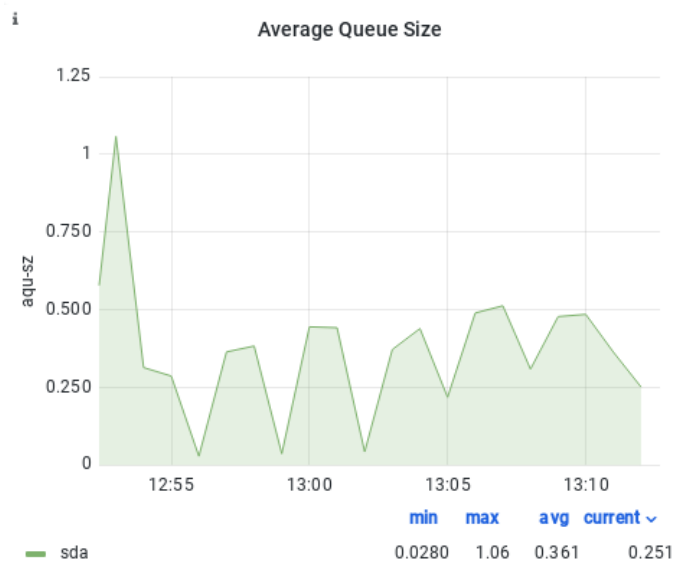
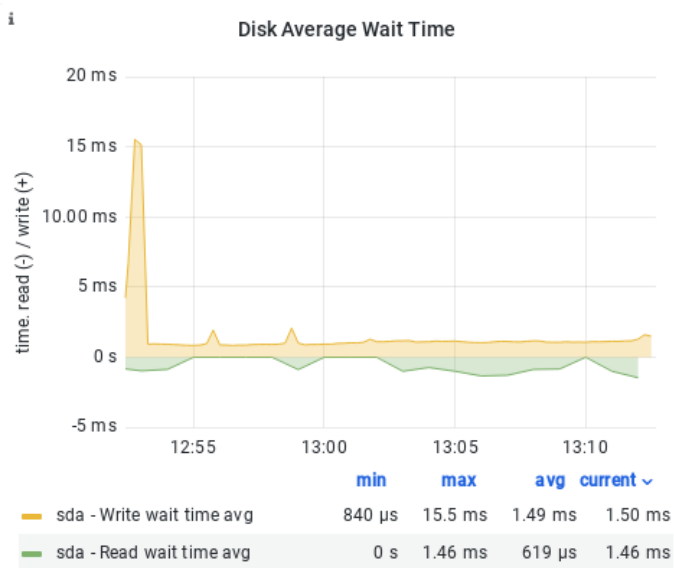
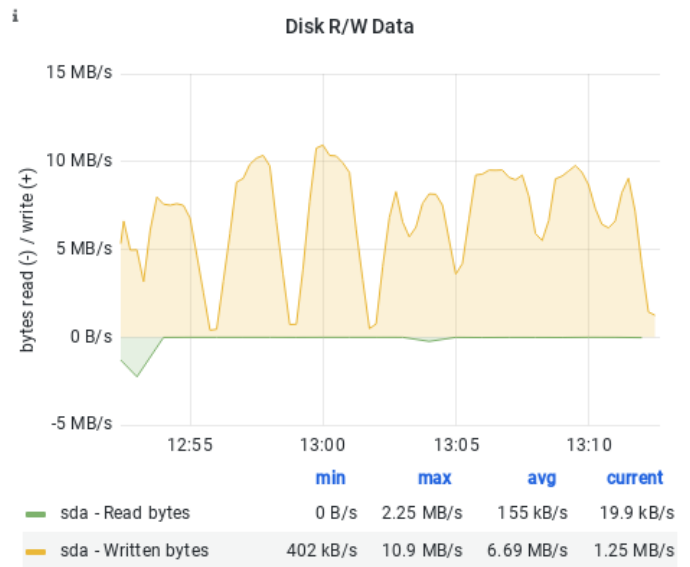
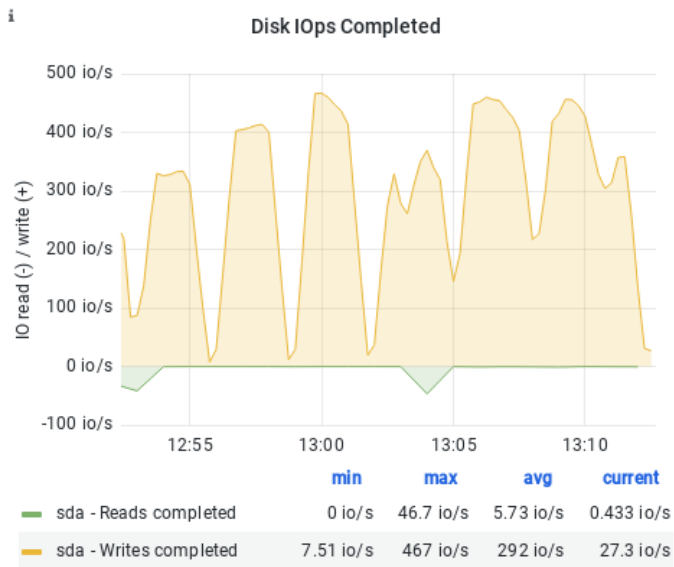


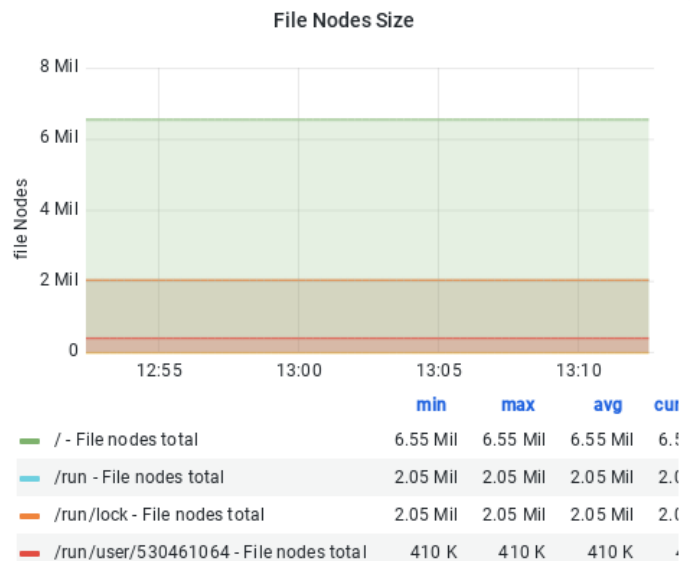
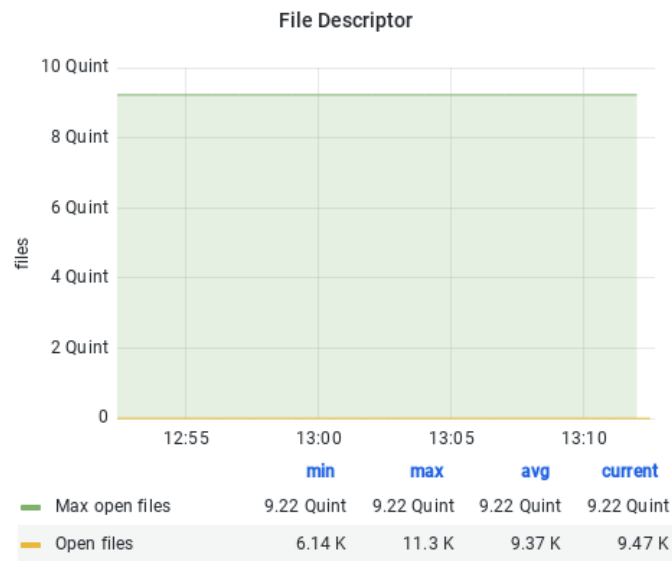
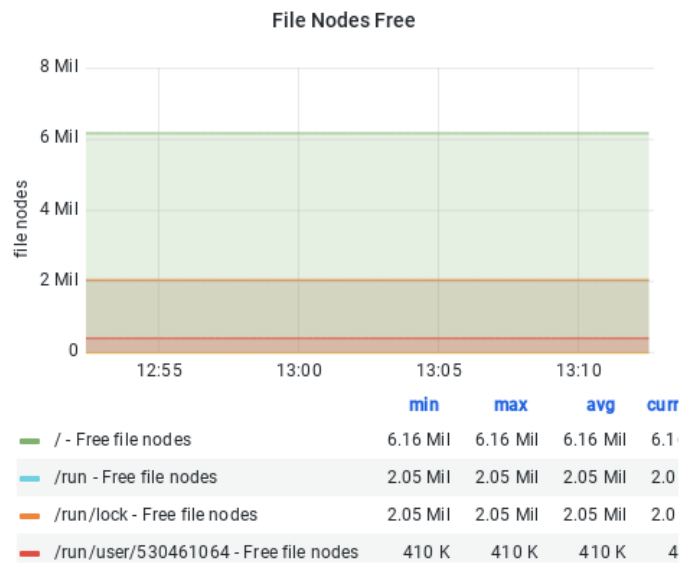
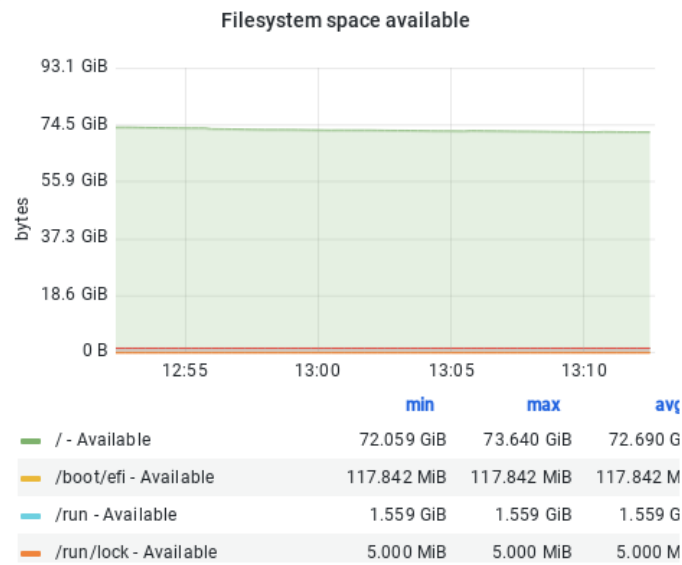
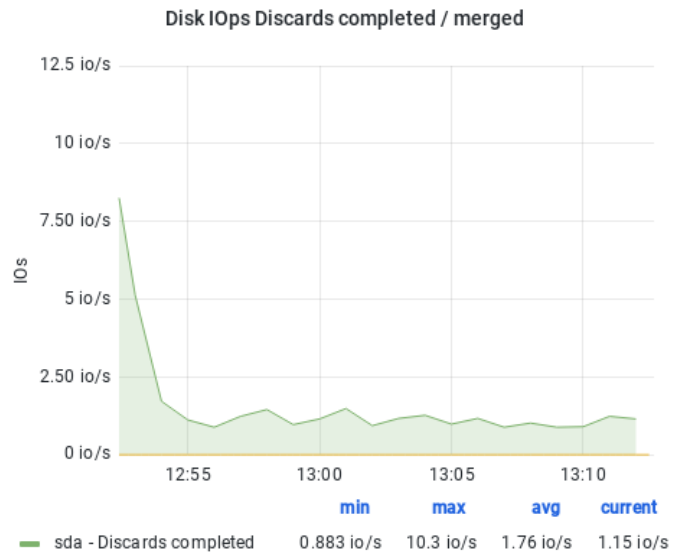
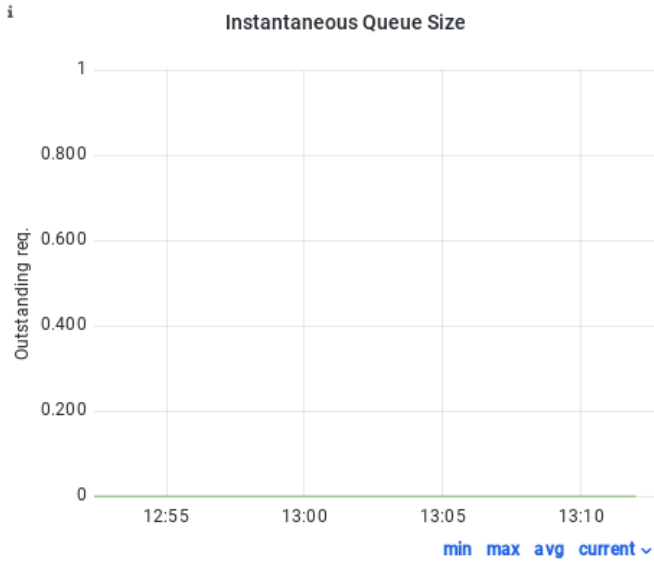
Systemd Sockets



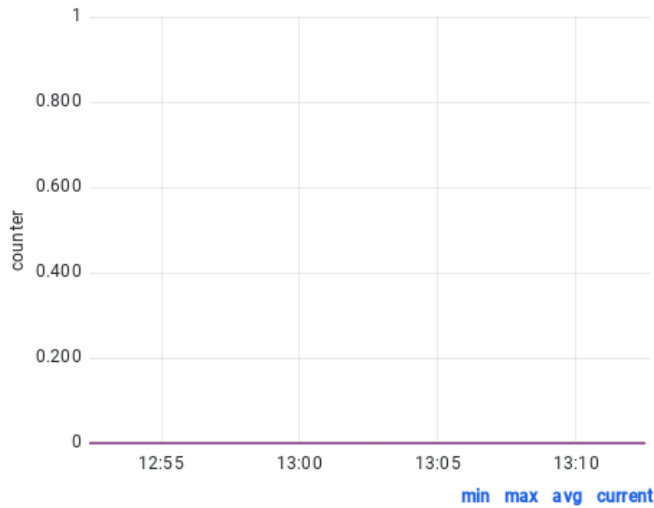
Systemd Units State



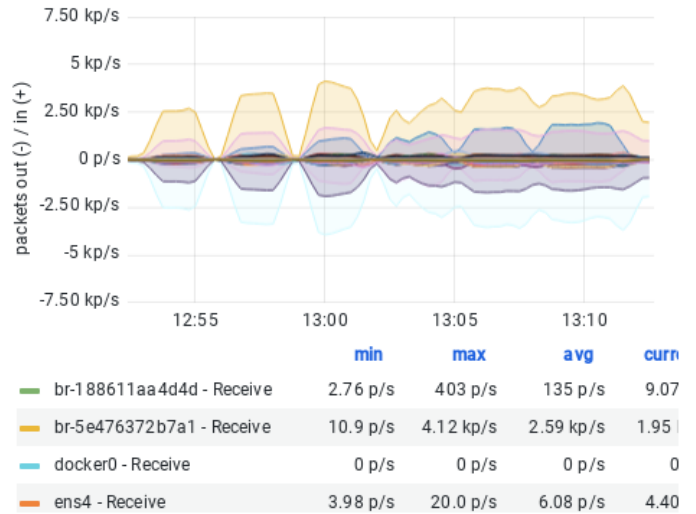




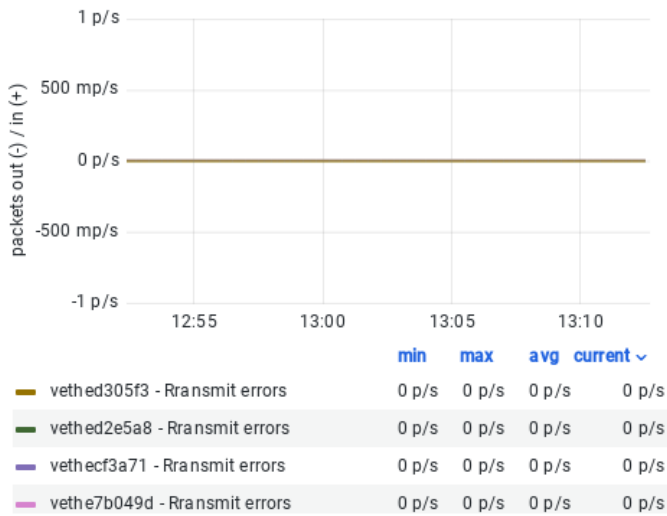
Filesystem in ReadOnly / Error



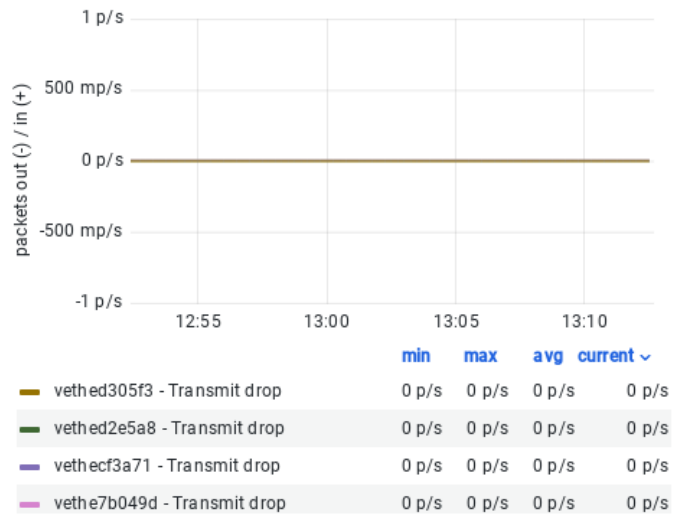
Network Traffic by Packets



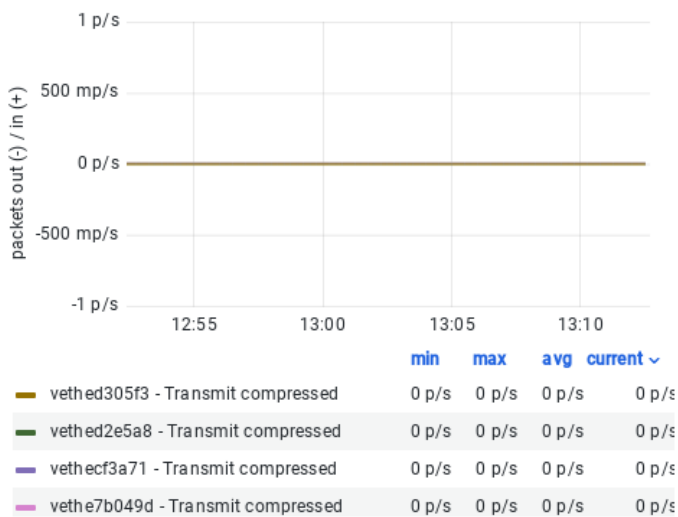
Network Traffic Errors



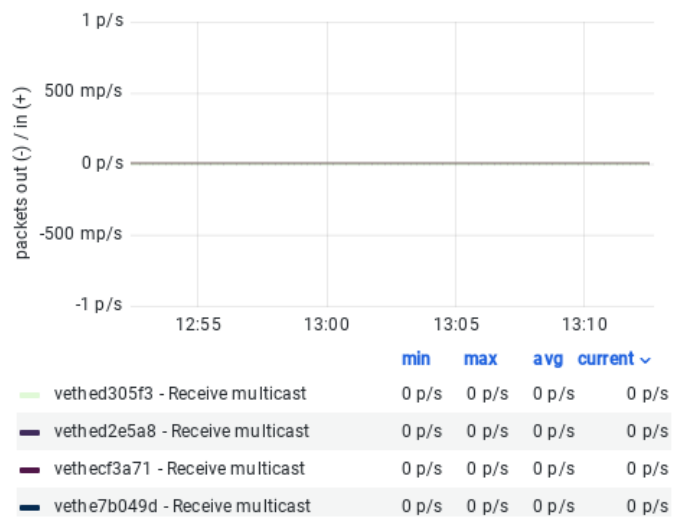
Network Traffic Drop



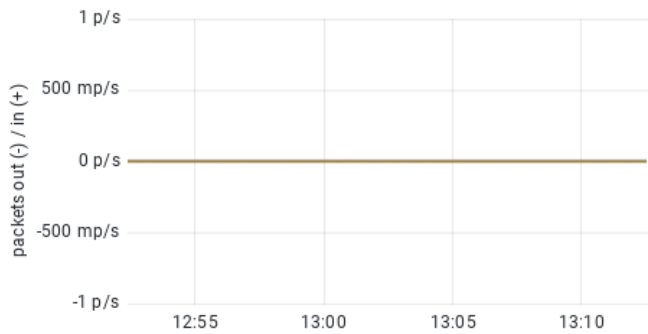
Network Traffic Compressed



Network Traffic Multicast

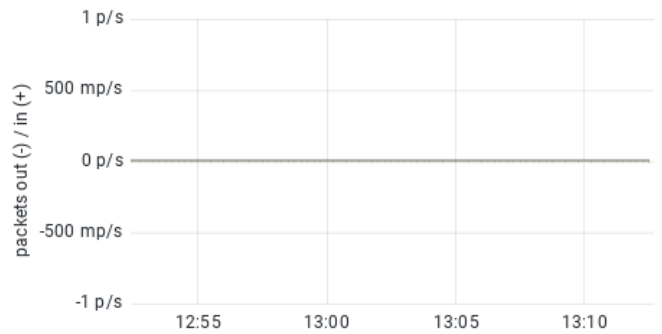


Network Traffic Fifo



	min	max	avg	current
vethed305f3 - Transmit fifo	0 p/s	0 p/s	0 p/s	0 p/s
vethed2e5a8 - Transmit fifo	0 p/s	0 p/s	0 p/s	0 p/s
vethecf3a71 - Transmit fifo	0 p/s	0 p/s	0 p/s	0 p/s
vethe7b049d - Transmit fifo	0 p/s	0 p/s	0 p/s	0 p/s

Network Traffic Frame



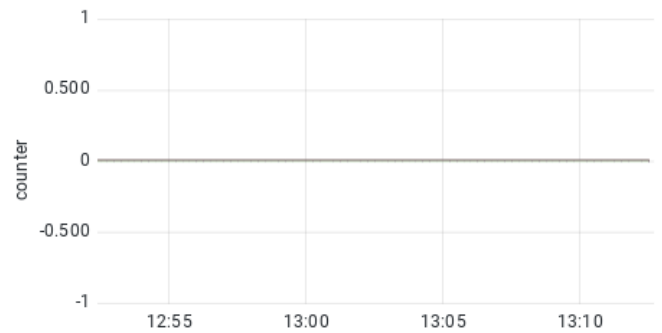
	min	max	avg	current
vethed305f3 - Receive frame	0 p/s	0 p/s	0 p/s	0 p/s
vethed2e5a8 - Receive frame	0 p/s	0 p/s	0 p/s	0 p/s
vethecf3a71 - Receive frame	0 p/s	0 p/s	0 p/s	0 p/s
vethe7b049d - Receive frame	0 p/s	0 p/s	0 p/s	0 p/s

Network Traffic Carrier



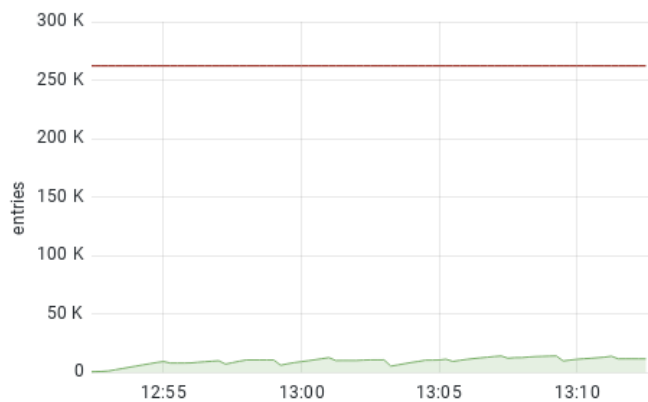
	min	max	avg	current
vethed305f3 - Statistic transmit_carrier	0	0	0	0
vethed2e5a8 - Statistic transmit_carrier	0	0	0	0
vethecf3a71 - Statistic transmit_carrier	0	0	0	0
vethe7b049d - Statistic transmit_carrier	0	0	0	0

Network Traffic Colls



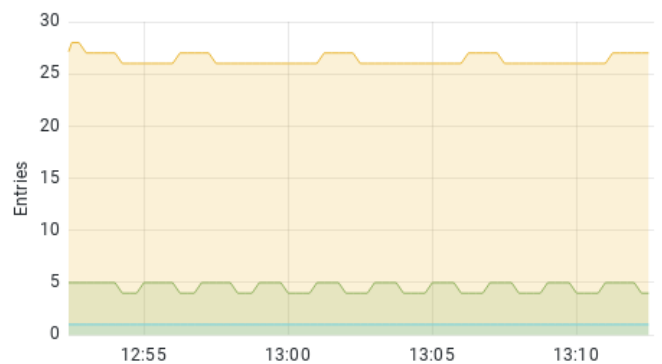
	min	max	avg	current
vethed305f3 - Transmit colls	0	0	0	0
vethed2e5a8 - Transmit colls	0	0	0	0
vethecf3a71 - Transmit colls	0	0	0	0
vethe7b049d - Transmit colls	0	0	0	0

NF Contrack



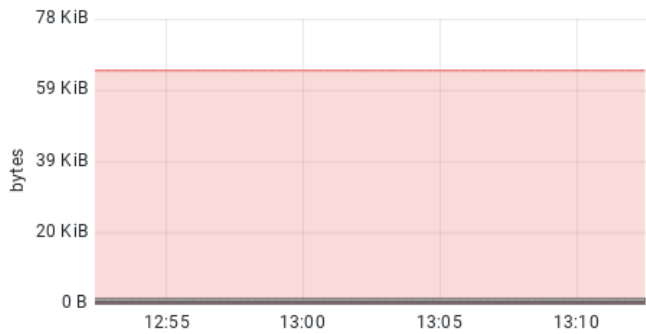
	min	max	avg	current
NF conntrack entries	385	14.1 K	9.65 K	11.6 K
NF conntrack limit	262 K	262 K	262 K	262 K

ARP Entries



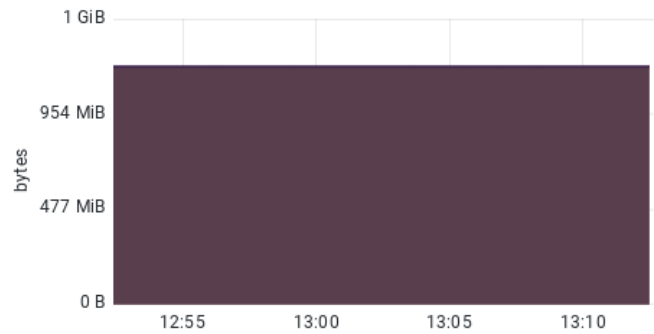
	min	max	avg	current
br-188611aa4d4d - ARP entries	4	5	4.57	4
br-5e476372b7a1 - ARP entries	26	28	26.4	27
ens4 - ARP entries	1	1	1	1

MTU



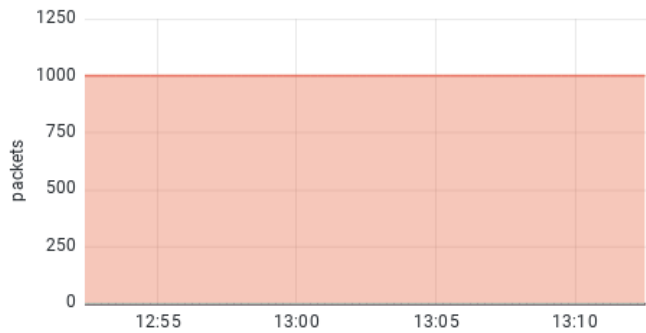
	min	max	avg	current
br-188611aa4d4d - Bytes	1.5 KiB	1.5 KiB	1.5 KiB	1.5 KiB
br-5e476372b7a1 - Bytes	1.5 KiB	1.5 KiB	1.5 KiB	1.5 KiB
docker0 - Bytes	1.5 KiB	1.5 KiB	1.5 KiB	1.5 KiB
ens4 - Bytes	1.4 KiB	1.4 KiB	1.4 KiB	1.4 KiB

Speed



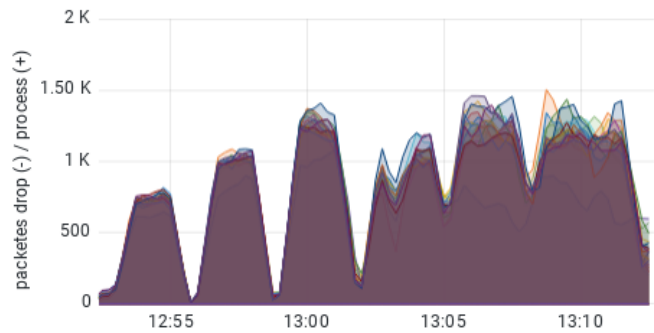
	min	max	avg	current
br-188611aa4d4d - Speed	1.2 GiB	1.2 GiB	1.2 GiB	1.2 GiB
br-5e476372b7a1 - Speed	1.2 GiB	1.2 GiB	1.2 GiB	1.2 GiB
docker0 - Speed	-122.1 KiB	-122.1 KiB	-122.1 KiB	-122.1 KiB
ens4 - Speed	-122.1 KiB	-122.1 KiB	-122.1 KiB	-122.1 KiB

Queue Length



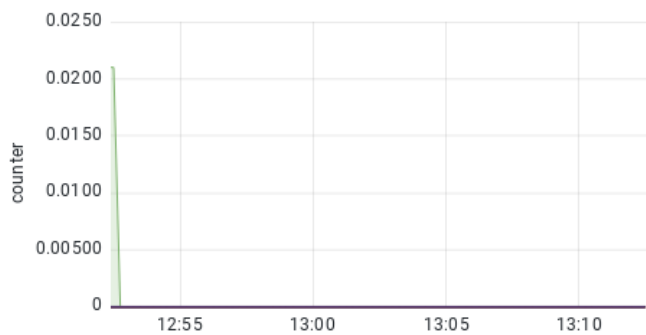
	min	max	avg	current
br-188611aa4d4d - Interface transmit queue length	0.0	0.0	0.0	0.0
br-5e476372b7a1 - Interface transmit queue length	0.0	0.0	0.0	0.0
docker0 - Interface transmit queue length	0.0	0.0	0.0	0.0
ens4 - Interface transmit queue length	1000.0	1000.0	1000.0	1000.0

Softnet Packets



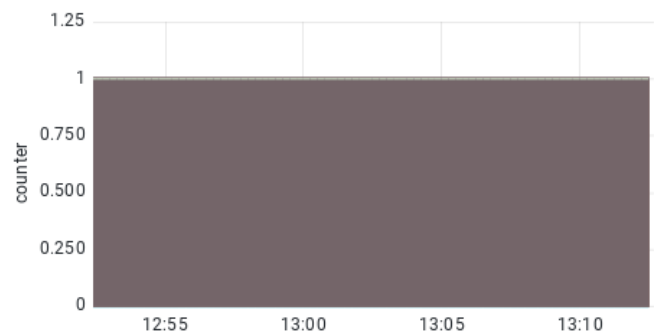
	min	max	avg	current
CPU 15 - Processed	14.8	1.08 K	637	597
CPU 0 - Processed	15.6	1.31 K	820	570
CPU 2 - Processed	4.58	1.43 K	831	494
CPU 1 - Processed	4.47	1.42 K	833	437

Softnet Out of Quota



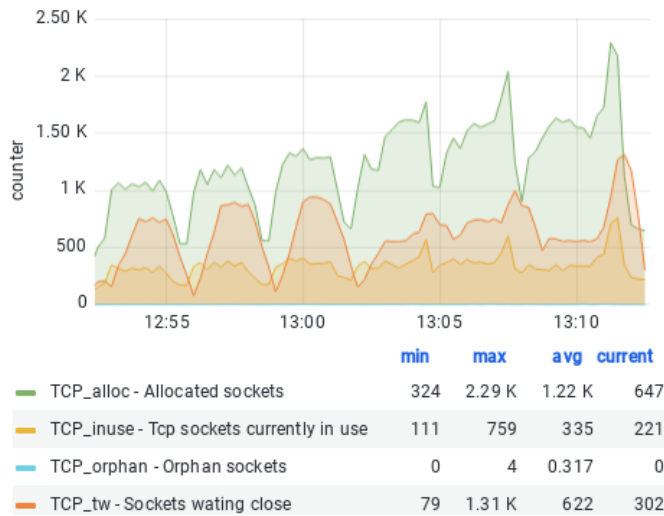
	min	max	avg	current
CPU 9 - Squeezed	0	0	0	0
CPU 8 - Squeezed	0	0	0	0
CPU 7 - Squeezed	0	0	0	0
CPU 6 - Squeezed	0	0	0	0

Network Operational Status

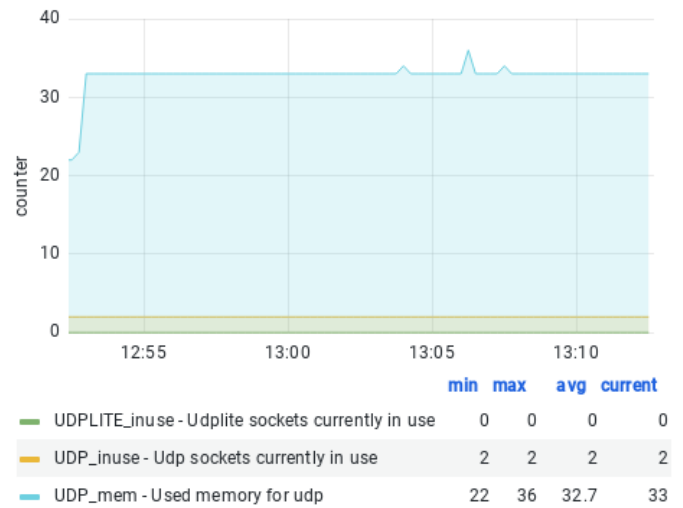


	min	max	avg	current
vethed305f3 - Physical link state	1	1	1	1
vethed2e5a8 - Physical link state	1	1	1	1
vethecf3a71 - Physical link state	1	1	1	1
vethe7b049d - Physical link state	1	1	1	1

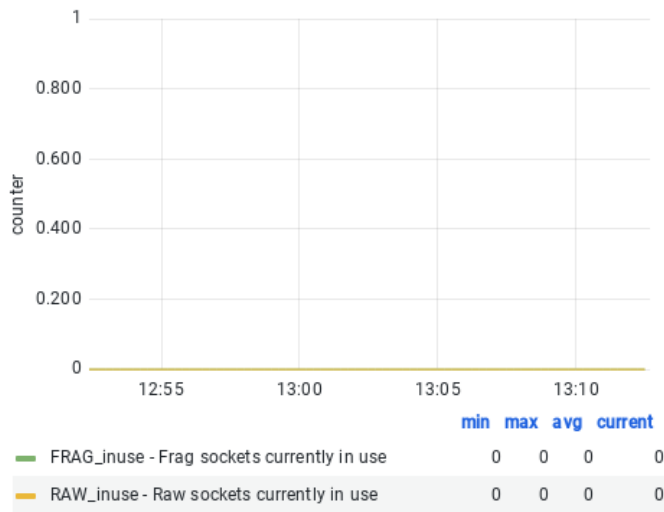
Sockstat TCP



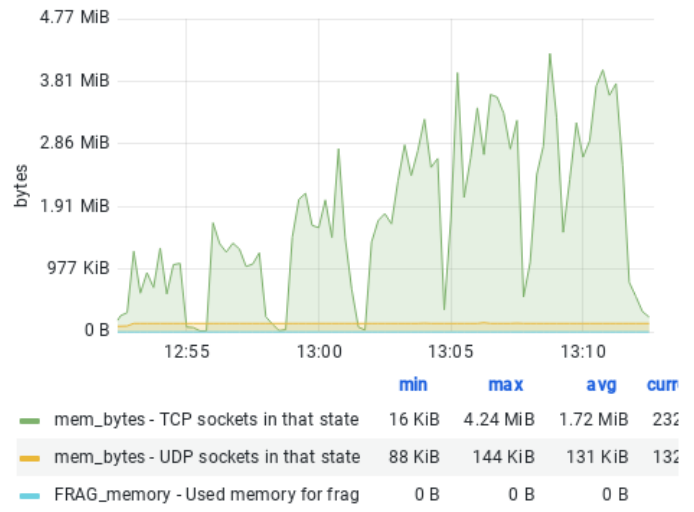
Sockstat UDP



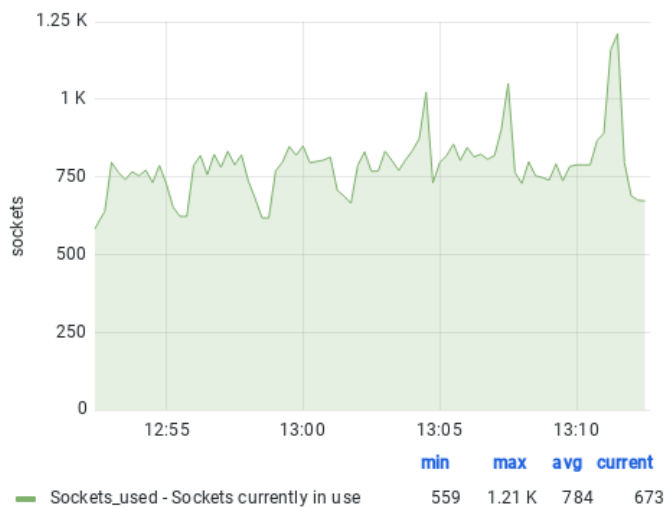
Sockstat FRAG / RAW



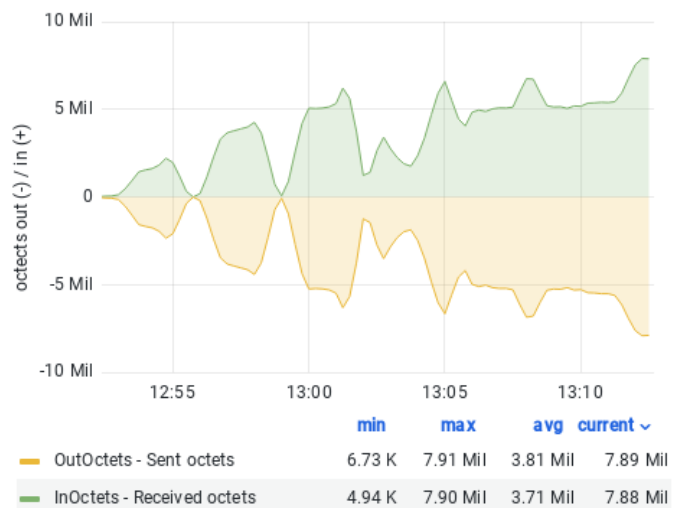
Sockstat Memory Size



Sockstat Used

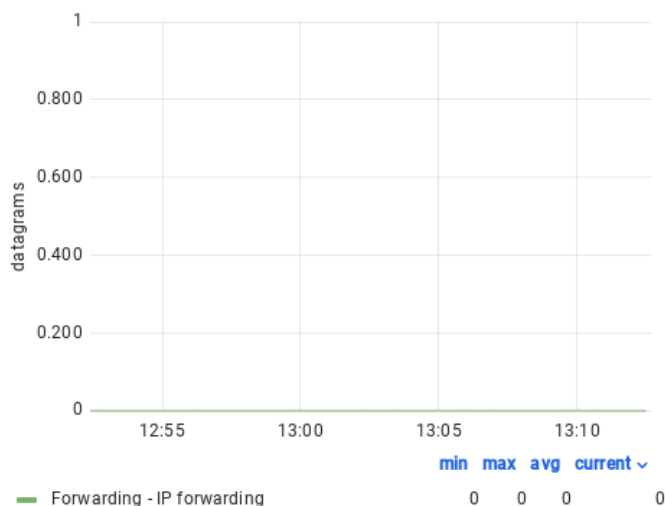


Netstat IP In / Out Octets

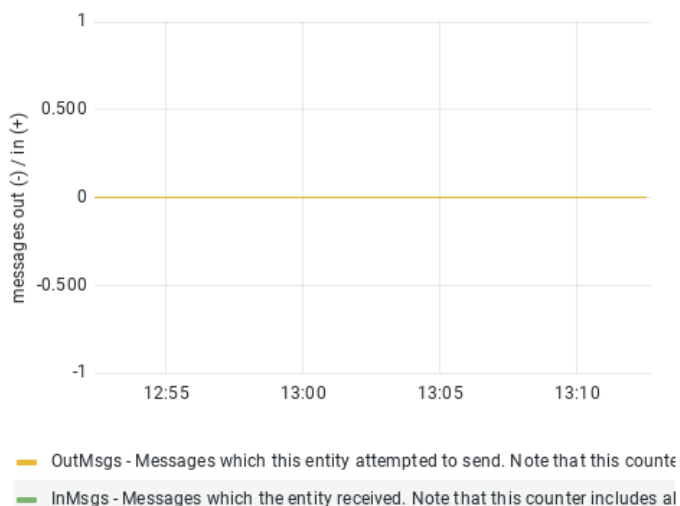




Netstat IP Forwarding



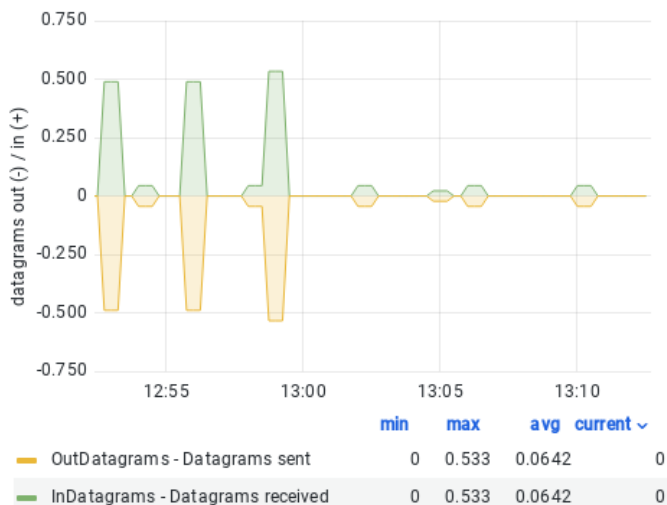
ICMP In / Out



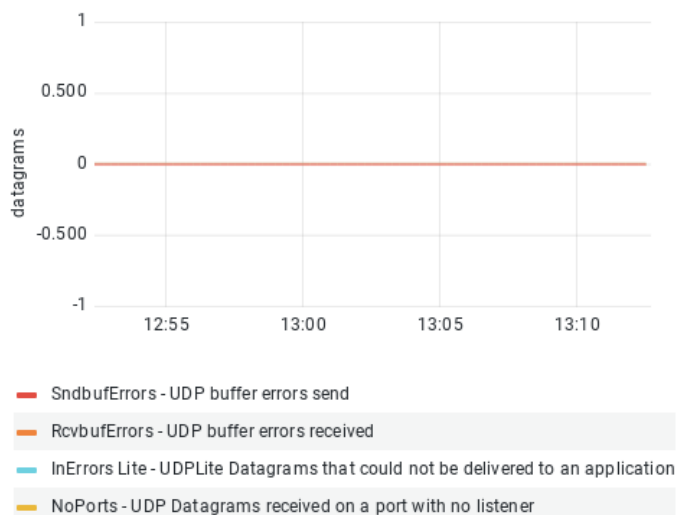
ICMP Errors



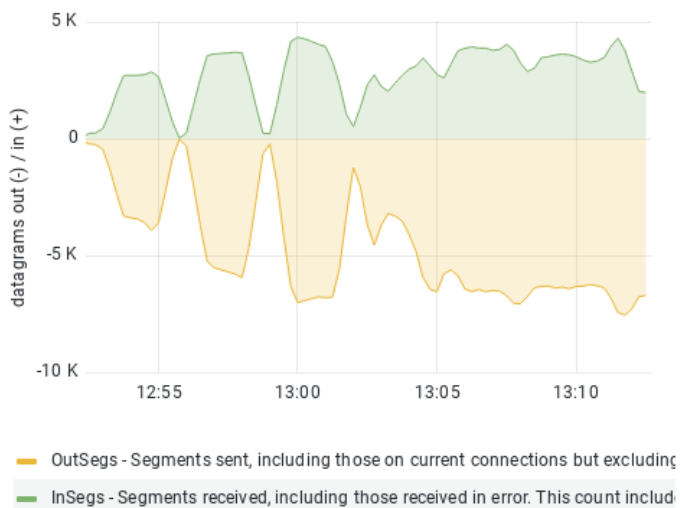
UDP In / Out



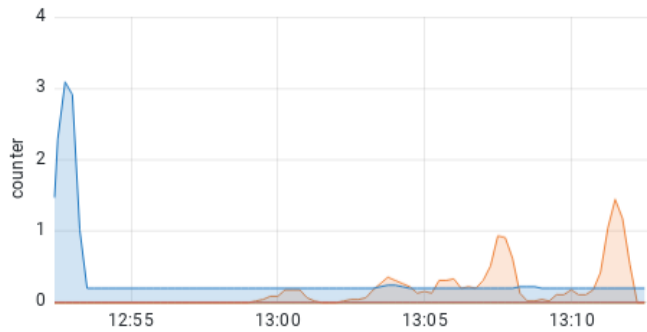
UDP Errors



TCP In / Out

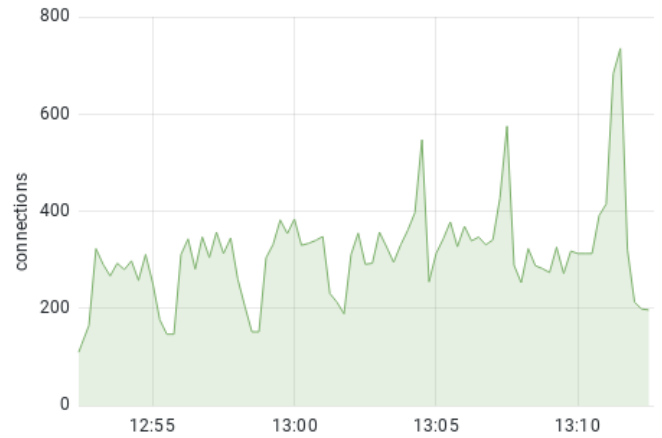


TCP Errors



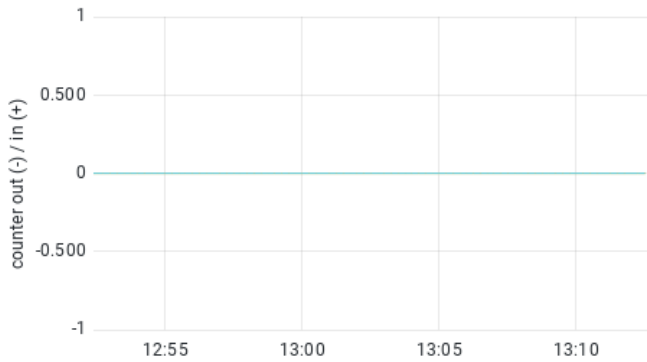
OutRsts - Segments sent with RST flag  
 InErrs - Segments received in error (e.g., bad TCP checksums)  
 RetransSegs - Segments retransmitted - that is, the number of TCP segments tr  
 TCPSynRetrans - SYN-SYN/ACK retransmits to break down retransmissions in

TCP Connections



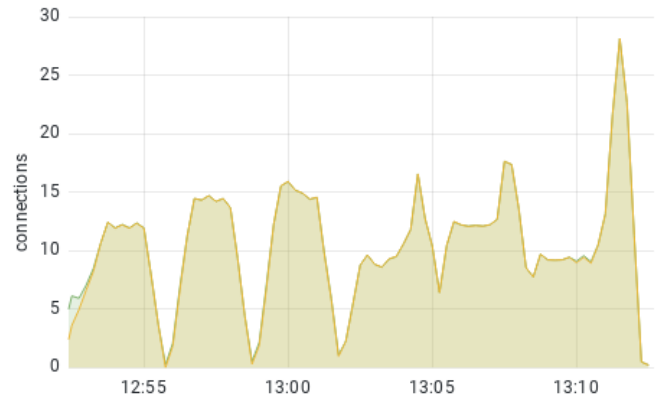
CurrEstab - TCP connections for which the current state is either ESTABLISHED

TCP SynCookie



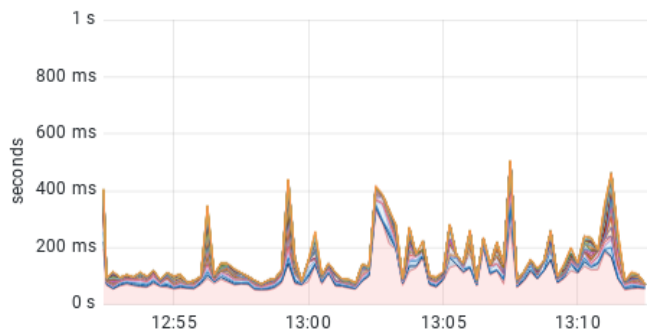
	min	max	avg	current
SyncookiesSent - SYN cookies sent	0	0	0	0
SyncookiesRecv - SYN cookies received	0	0	0	0
SyncookiesFailed - Invalid SYN cookies received	0	0	0	0

TCP Direct Transition



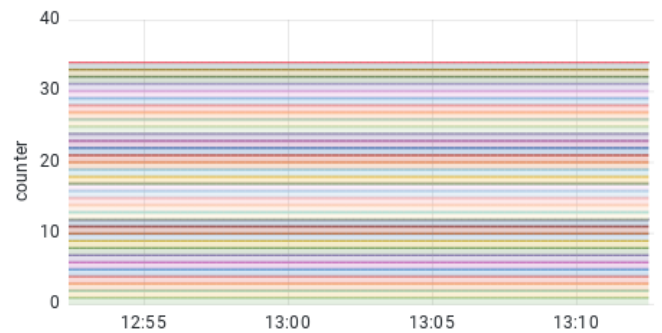
ActiveOpens - TCP connections that have made a direct transition to the SYN-S  
 PassiveOpens - TCP connections that have made a direct transition to the SYN

Node Exporter Scrape Time



	min	max	avg	current
netclass - Scrape duration	51.2 ms	361 ms	102 ms	56.1
filesystem - Scrape duration	2.18 ms	78.3 ms	8.14 ms	3.71
cpu - Scrape duration	1.26 ms	73.8 ms	6.94 ms	3.44
netdev - Scrape duration	1.98 ms	71.1 ms	10.1 ms	3.36

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