

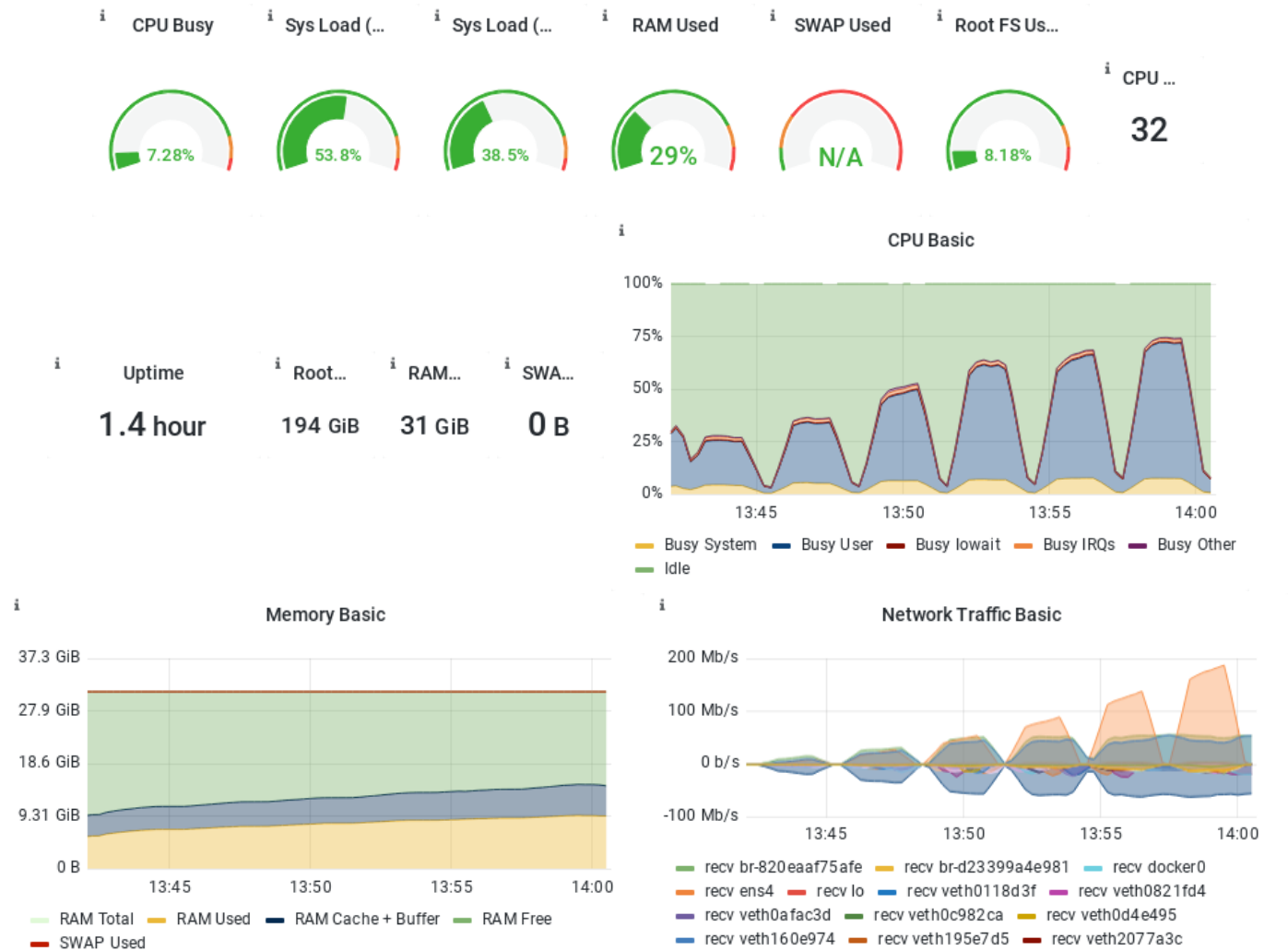
Host Metrics

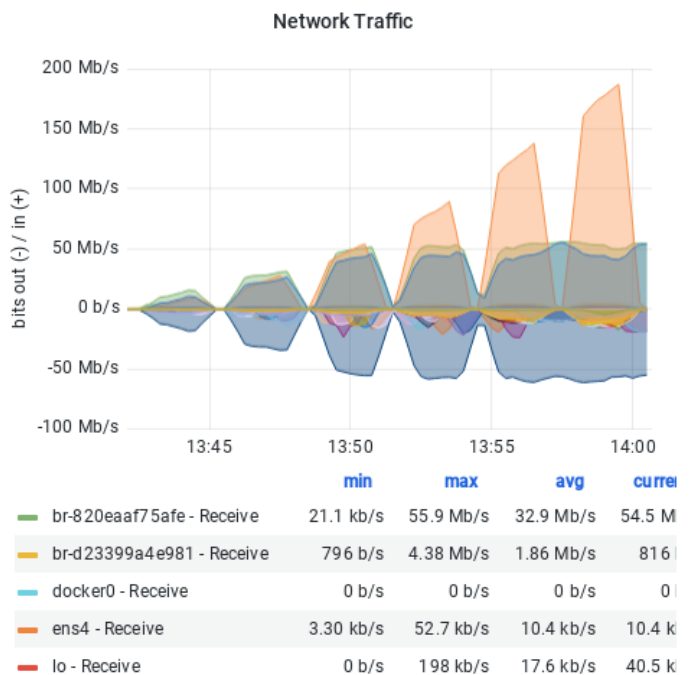
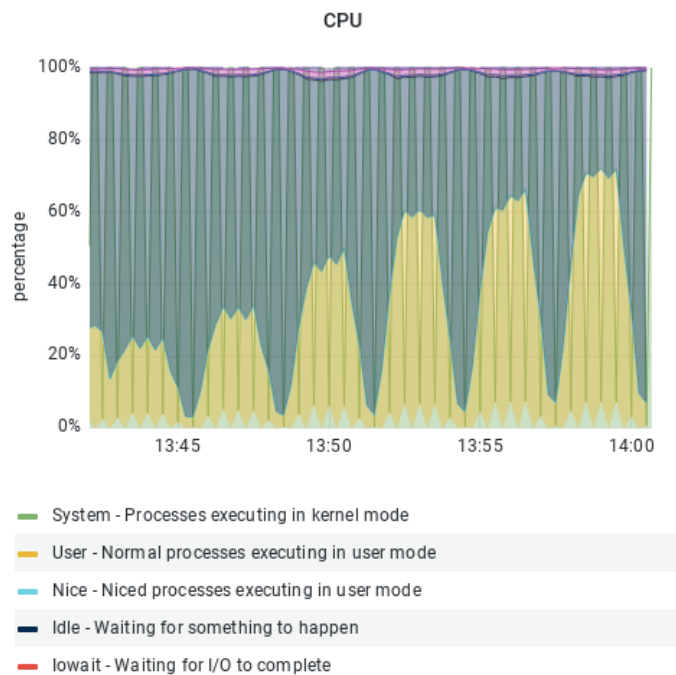
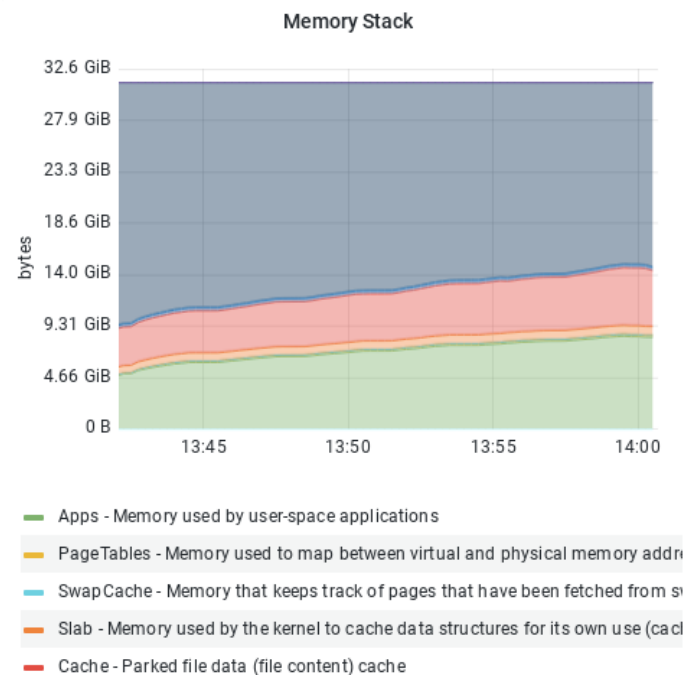
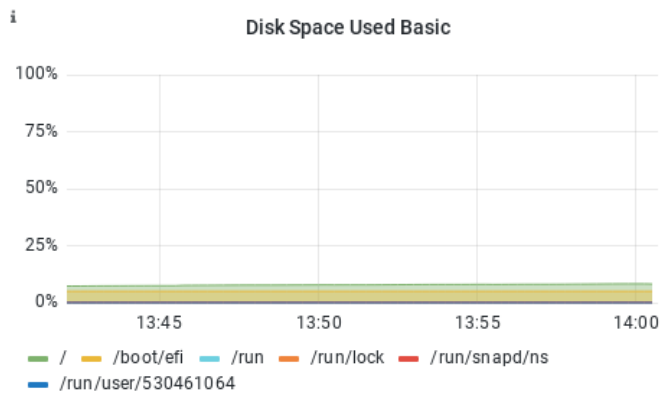
The dashboard visualizes host metrics collected by node_exporter. (based on: <https://grafana.com/grafana/dashboards/1860>)

Fri Nov 18 13:42:04 UTC 2022

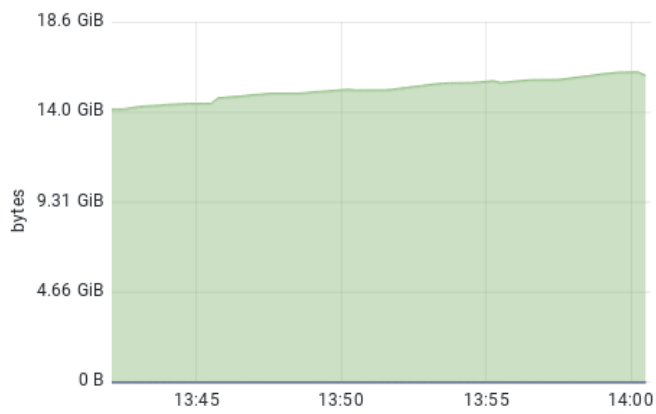
to

Fri Nov 18 14:00:40 UTC 2022



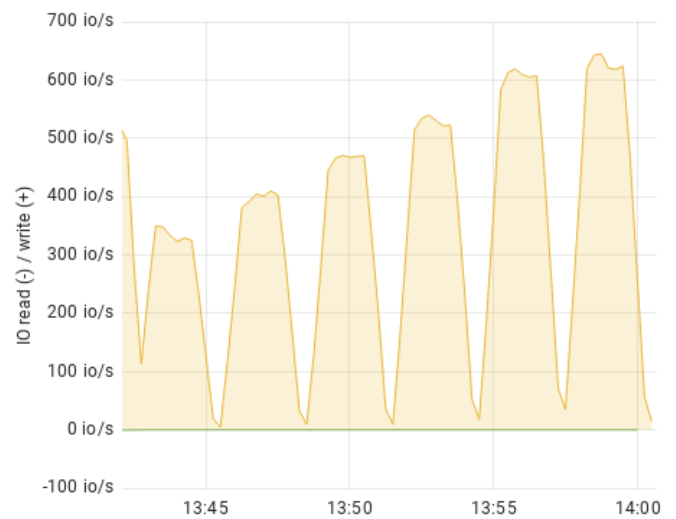


Disk Space Used



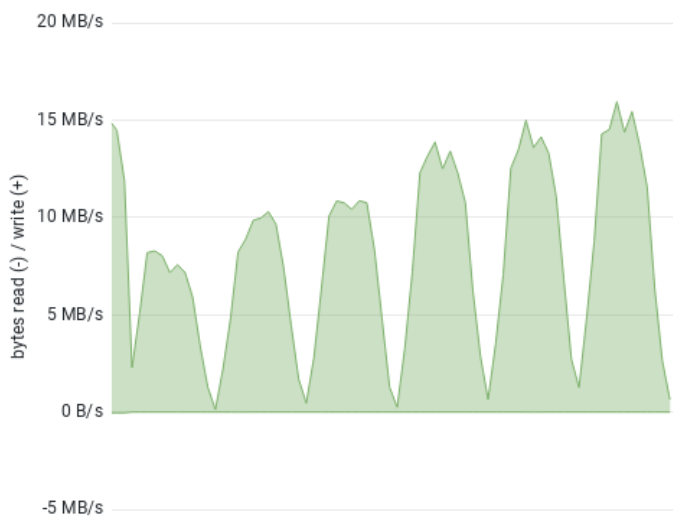
	min	max	avg	current ^
/run/lock	0 B	0 B	0 B	0 B
/run/user/530461064	0 B	0 B	0 B	0 B
/boot/efi	5.196 MiB	5.196 MiB	5.196 MiB	5.196 MiB
/run	5.387 MiB	5.387 MiB	5.387 MiB	5.387 MiB
/run/snapd/ns	5.387 MiB	5.387 MiB	5.387 MiB	5.387 MiB

Disk IOps



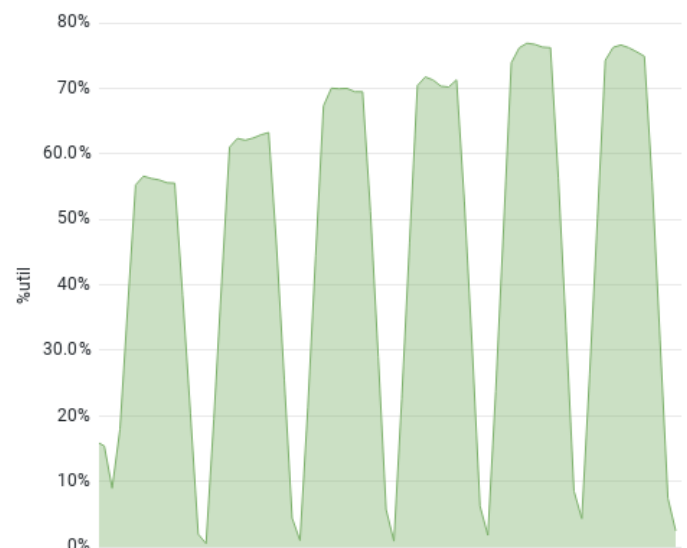
	min	max	avg	current
sda - Reads completed	0 io/s	0.483 io/s	0.0281 io/s	0 io/s
sda - Writes completed	4.93 io/s	645 io/s	342 io/s	14.6 io/s

I/O Usage Read / Write



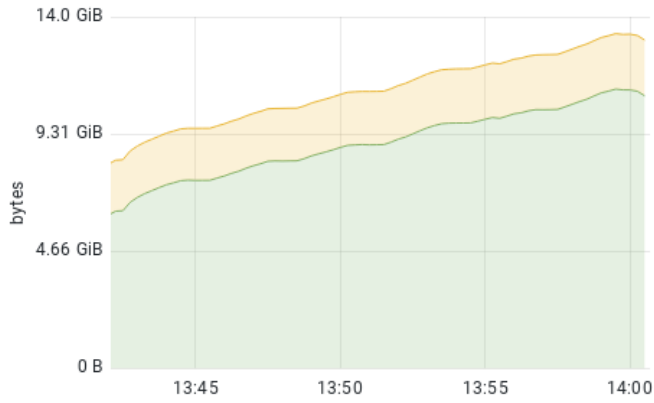
	min	max	avg
sda - Successfully read bytes	0 B/s	39.049 kB/s	1.659 kB/s
sda - Successfully written bytes	131.436 kB/s	15.948 MB/s	8.231 MB/s

I/O Utilization



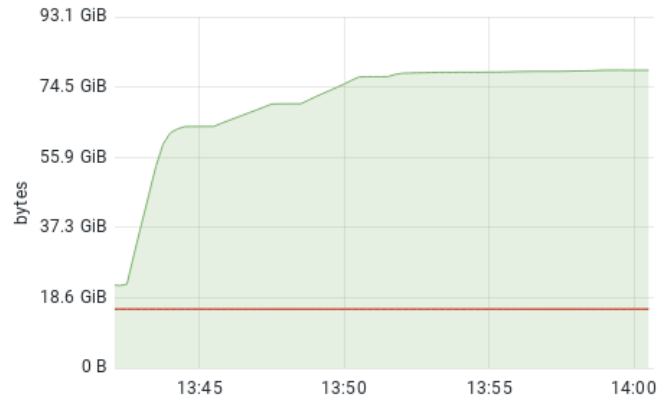
	min	max	avg	current
sda	0.524%	76.871%	45.529%	2.462%

Memory Active / Inactive



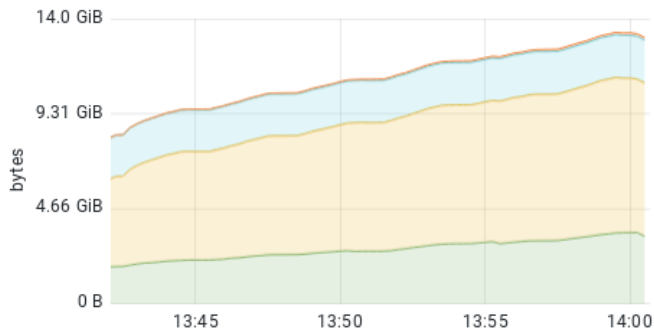
— Inactive - Memory which has been less recently used. It is more eligible to be re
 — Active - Memory that has been used more recently and usually not reclaimed u

Memory Committed



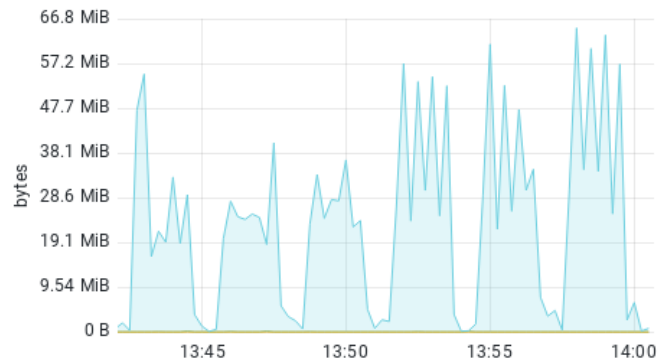
— Committed_AS - Amount of memory presently allocated on the system
 — CommitLimit - Amount of memory currently available to be allocated on the sy

Memory Active / Inactive Detail



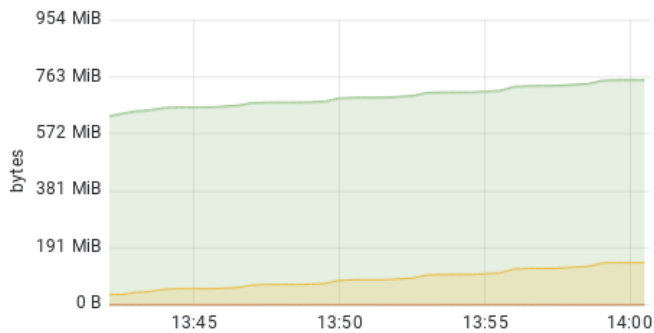
— Inactive_file - File-backed memory on inactive LRU list
 — Inactive_anon - Anonymous and swap cache on inactive LRU list, including tmp
 — Active_file - File-backed memory on active LRU list
 — Active_anon - Anonymous and swap cache on active least-recently-used (LRU)

Memory Writeback and Dirty



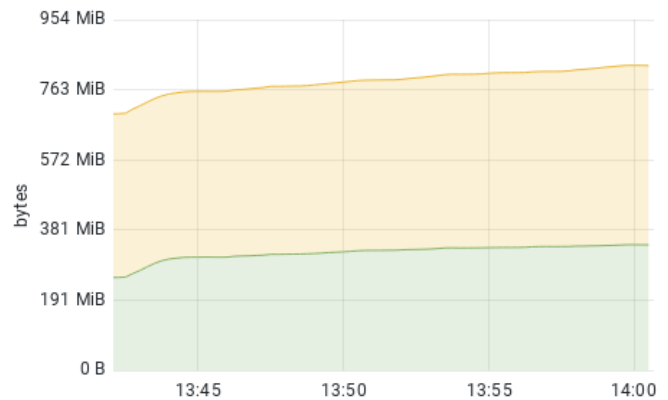
— Writeback - Memory which is actively being written back to disk
 — WritebackTmp - Memory used by FUSE for temporary writeback buffers
 — Dirty - Memory which is waiting to get written back to the disk 116.

Memory Shared and Mapped



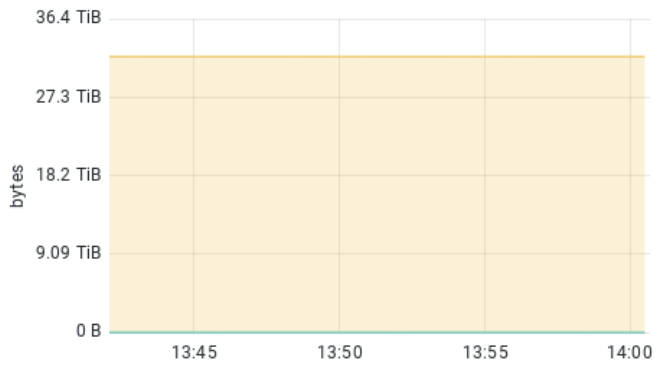
— Mapped - Used memory in mapped pages files which have been mmaped, such
 — Shmem - Used shared memory (shared between several processes, thus includ
 — ShmemHugePages - Memory used by shared memory (shmem) and tmpfs allc
 — ShmemPmdMapped - Ammount of shared (shmem/tmpfs) memory backed by

Memory Slab



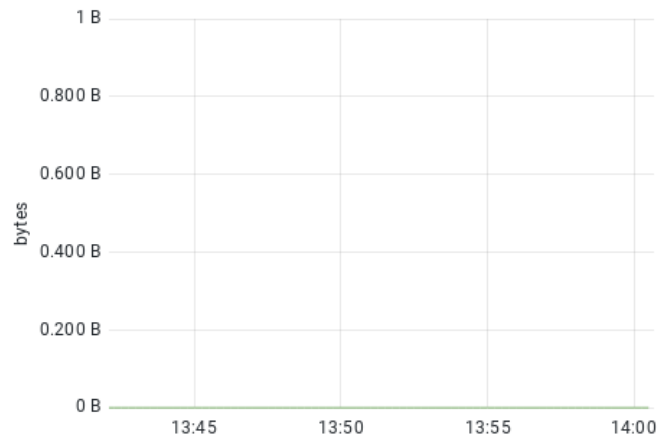
— SUnreclaim - Part of Slab, that cannot be reclaimed on memory pressure 25
 — SReclaimable - Part of Slab, that might be reclaimed, such as caches 44

Memory Vmalloc



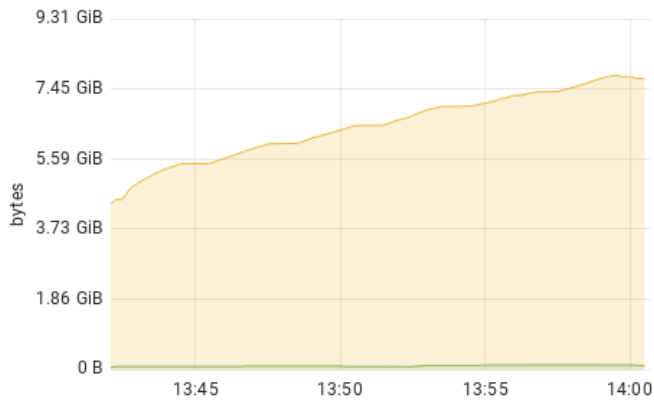
VmallocChunk - Largest contiguous block of vmalloc area which is free	
VmallocTotal - Total size of vmalloc memory area	32.0
VmallocUsed - Amount of vmalloc area which is used	81.5

Memory Bounce



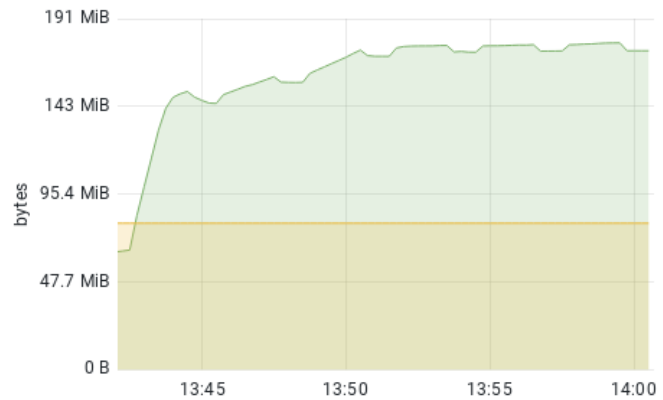
Bounce - Memory used for block device bounce buffers	0 B	0 B	0 B
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Memory Anonymous



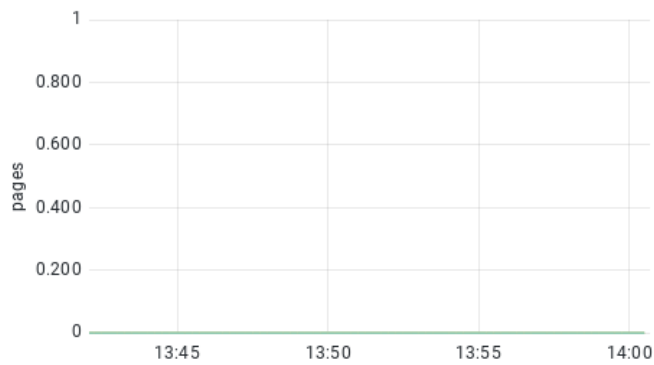
AnonHugePages - Memory in anonymous huge pages	46.00 MiB	124.00
AnonPages - Memory in user pages not backed by files	4.35 GiB	7.81

Memory Kernel / CPU



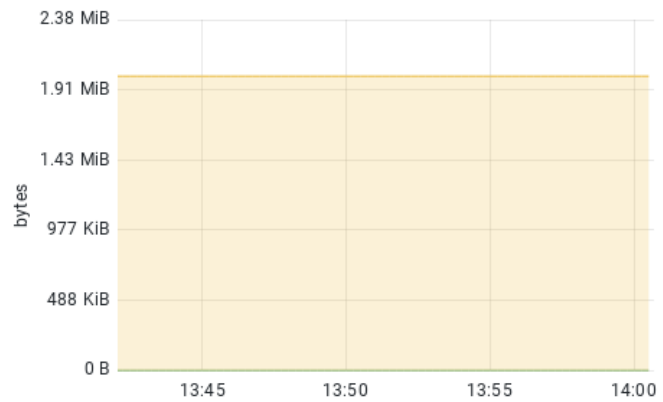
KernelStack - Kernel memory stack. This is not reclaimable	63.8
PerCPU - Per CPU memory allocated dynamically by loadable modules	79.5

Memory HugePages Counter



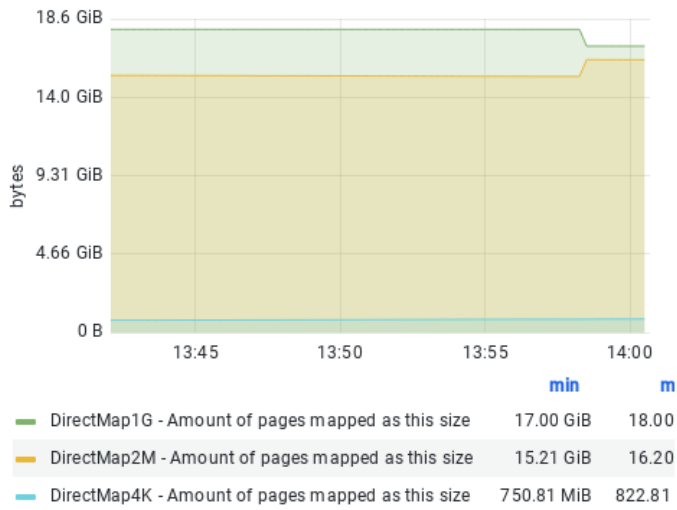
HugePages_Free - Huge pages in the pool that are not yet allocated	
HugePages_Rsvd - Huge pages for which a commitment to allocate from the pool has been made	
HugePages_Surp - Huge pages in the pool above the value in /proc/sys/vm/nr_hugepages	

Memory HugePages Size

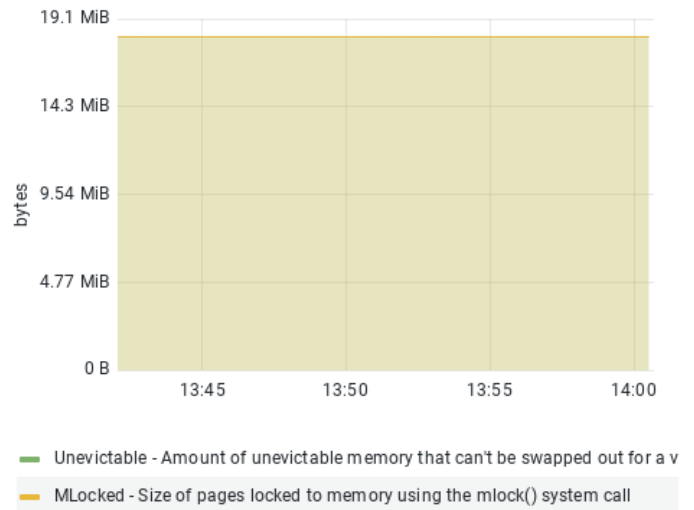


	min	max	cu
HugePages - Total size of the pool of huge pages	0 B	0 B	
Hugepagesize - Huge Page size	2.00 MiB	2.00 MiB	2.1

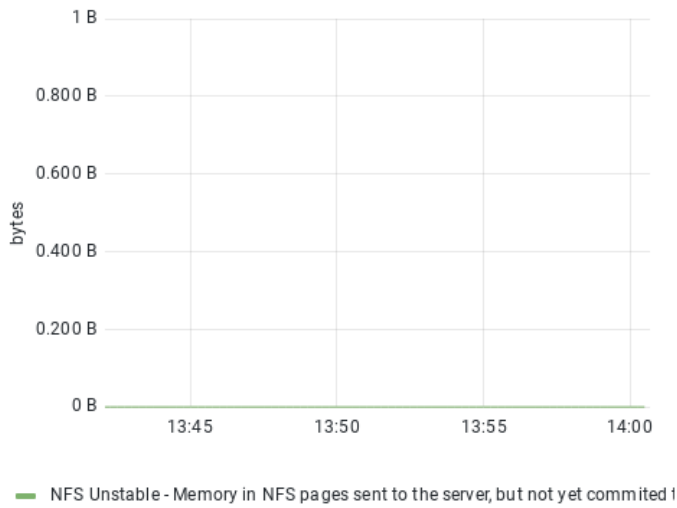
Memory DirectMap



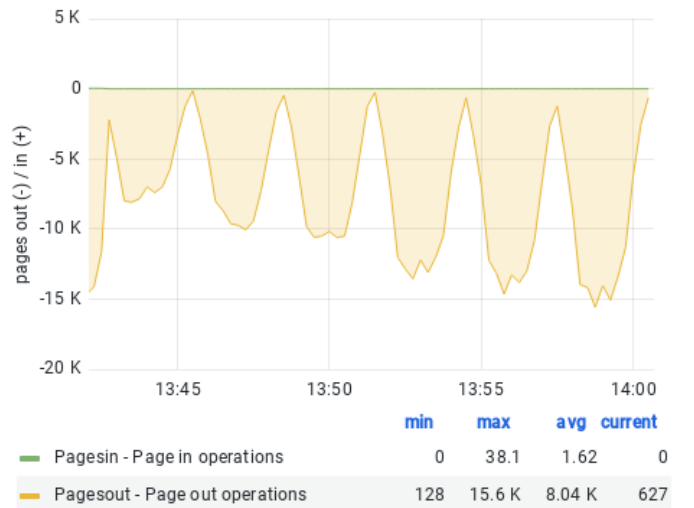
Memory Unevictable and MLocked



Memory NFS



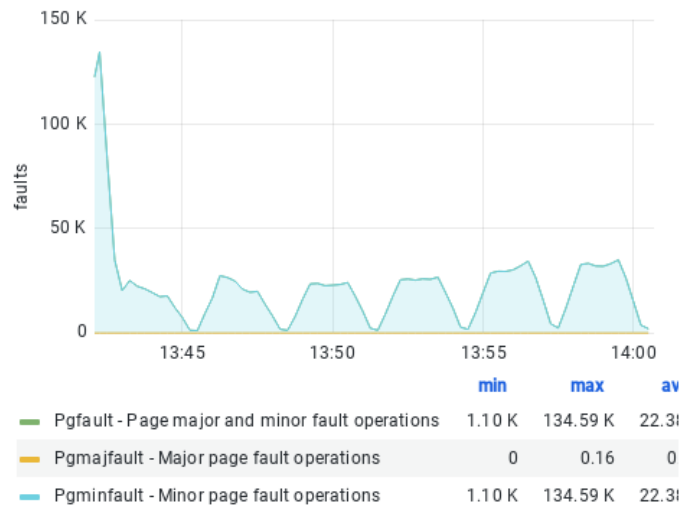
Memory Pages In / Out



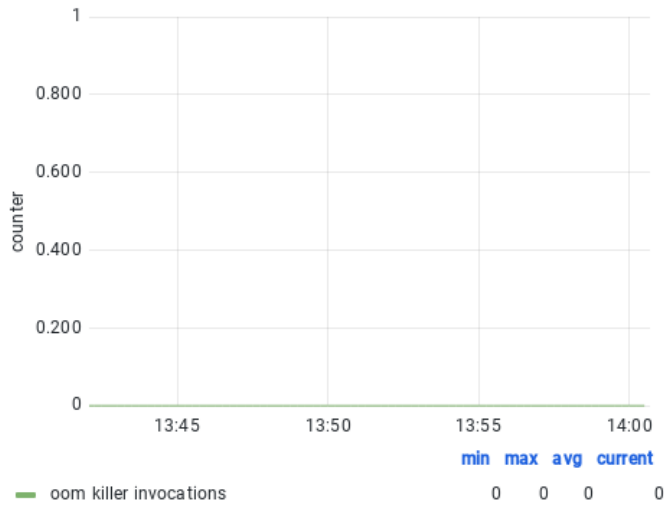
Memory Pages Swap In / Out



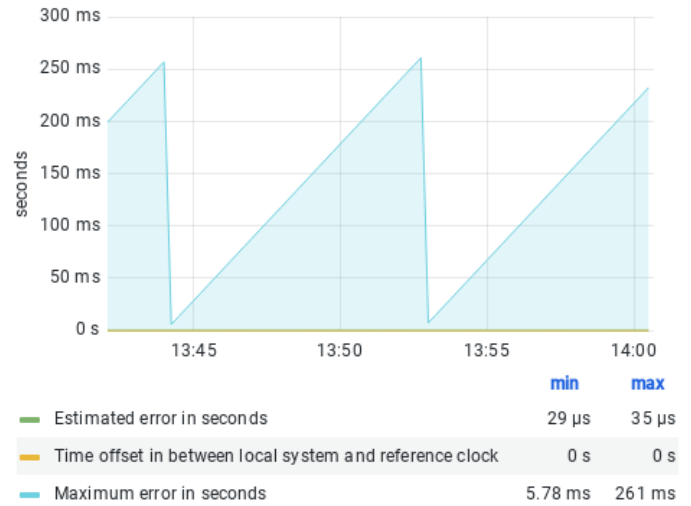
Memory Page Faults



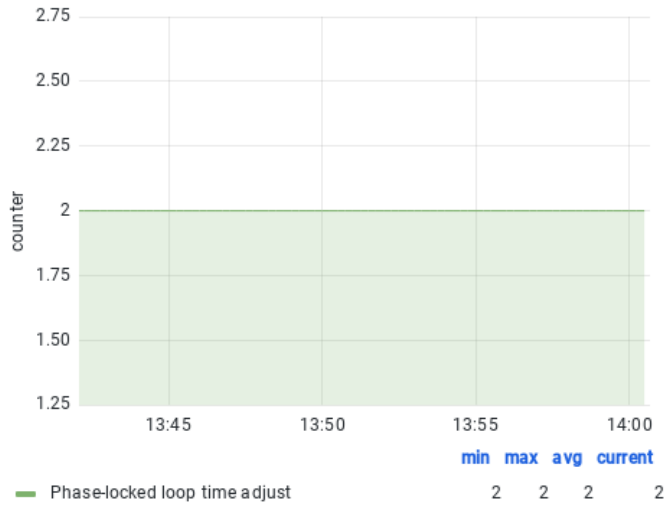
OOM Killer



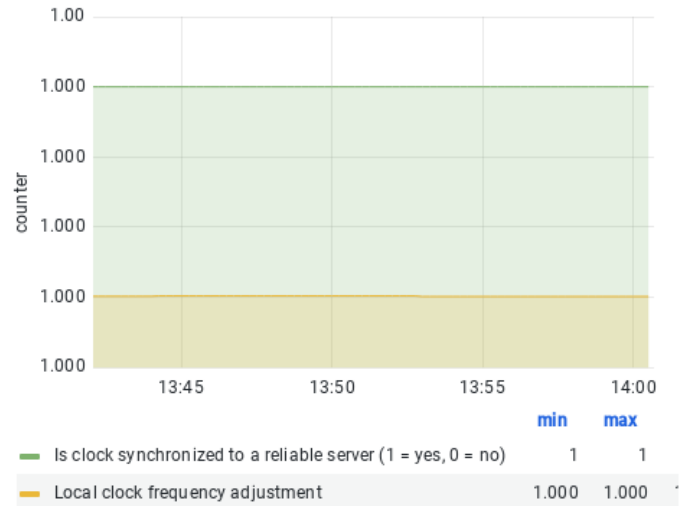
Time Synchronized Drift



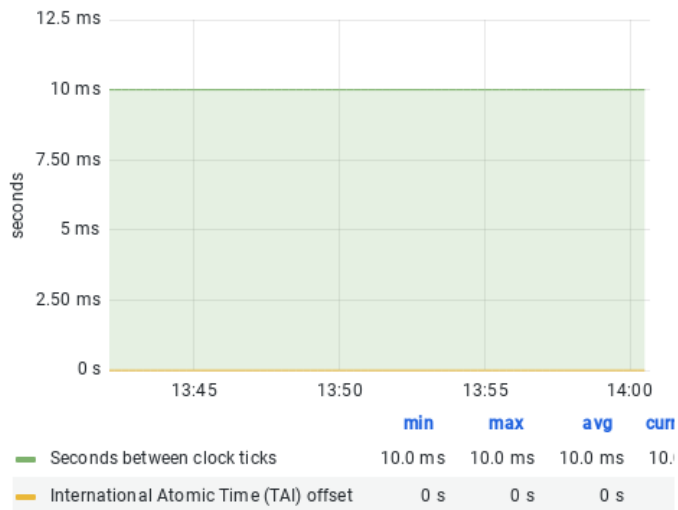
Time PLL Adjust



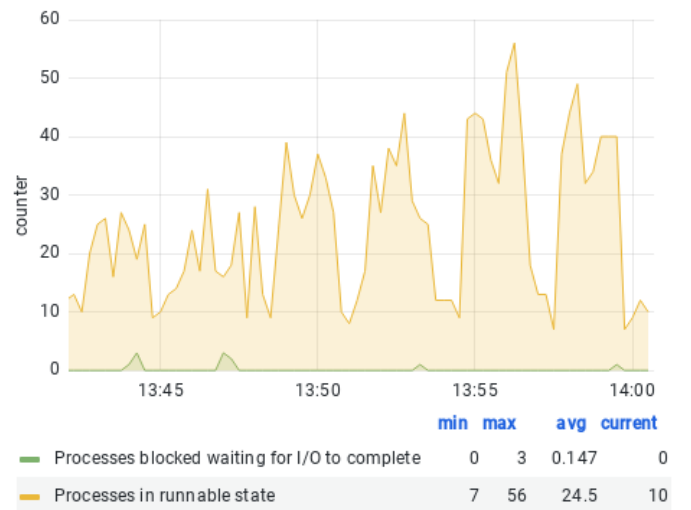
Time Synchronized Status



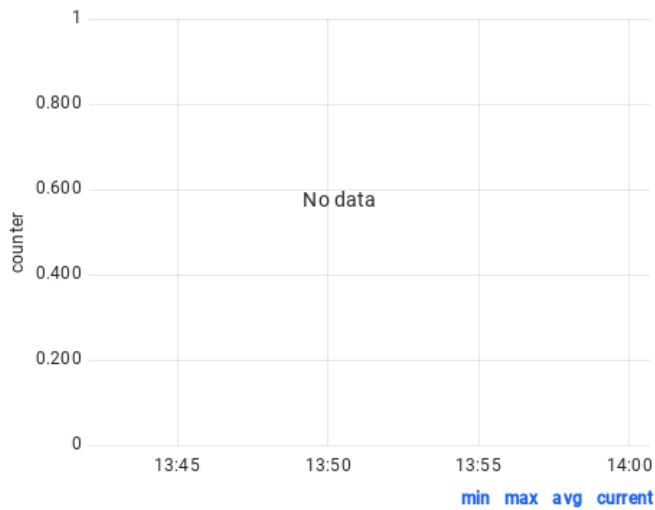
Time Misc



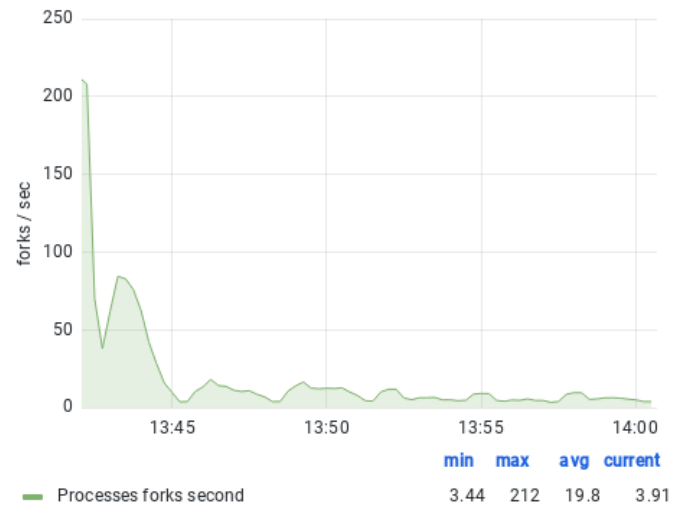
Processes Status



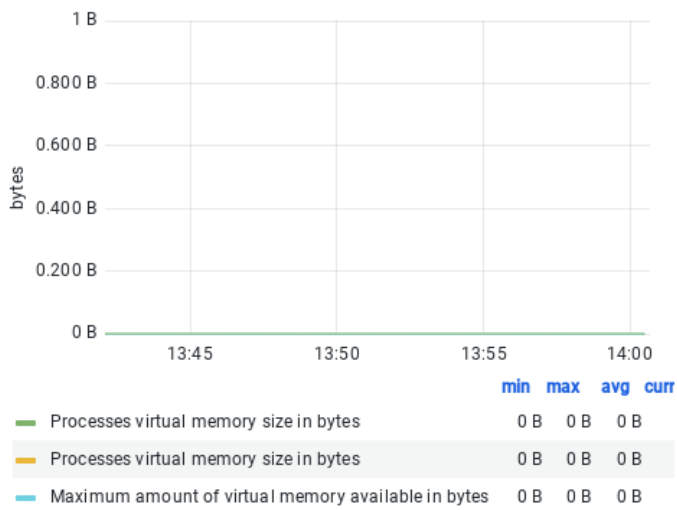
Processes State



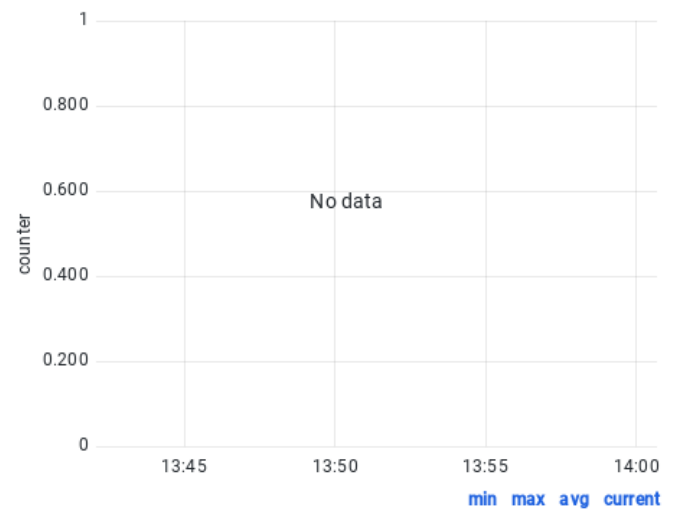
Processes Forks



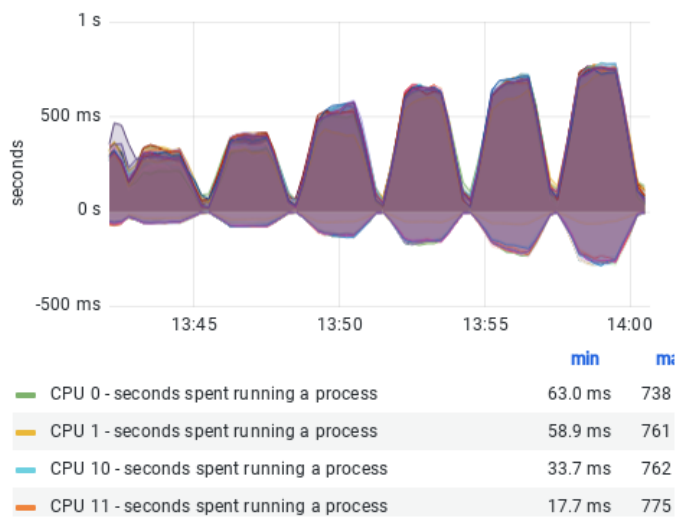
Processes Memory



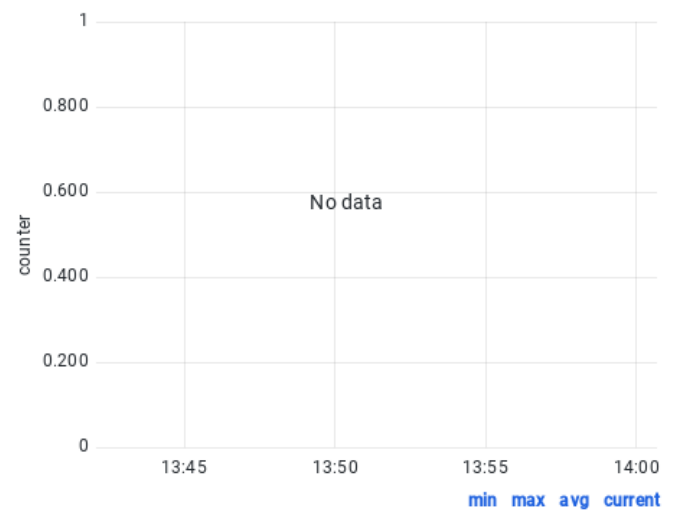
PIDs Number and Limit



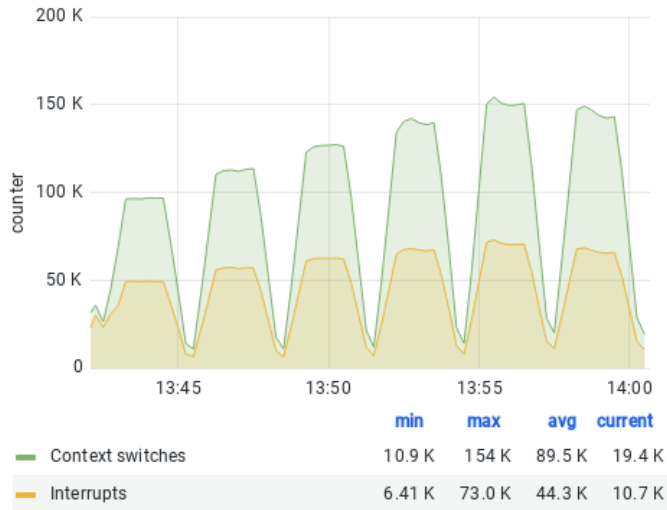
Process schedule stats Running / Waiting



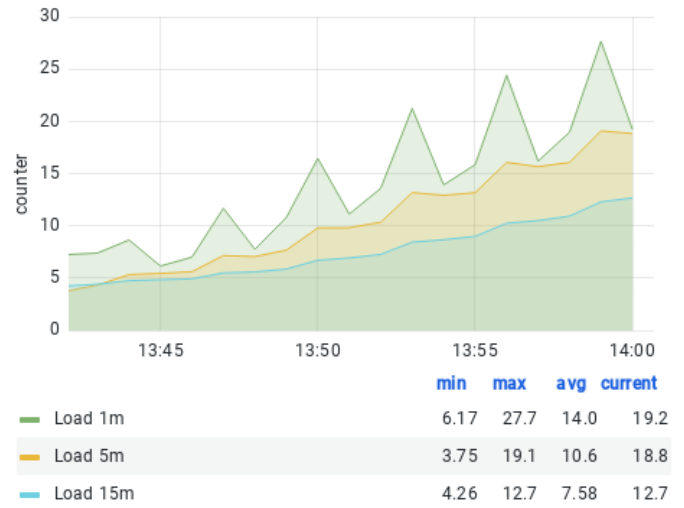
Threads Number and Limit



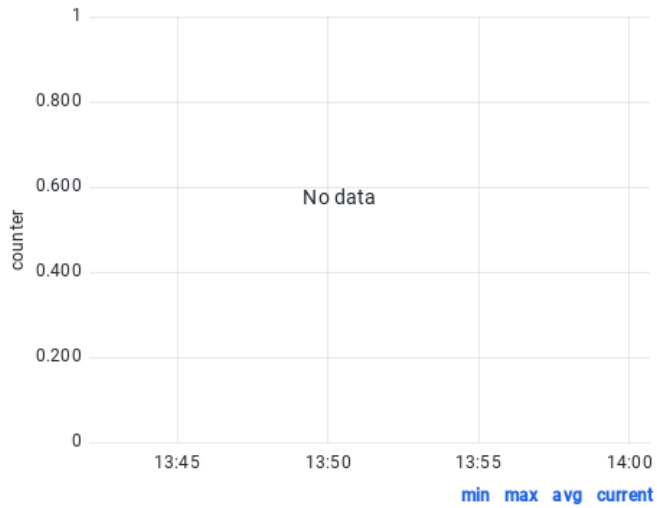
Context Switches / Interrupts



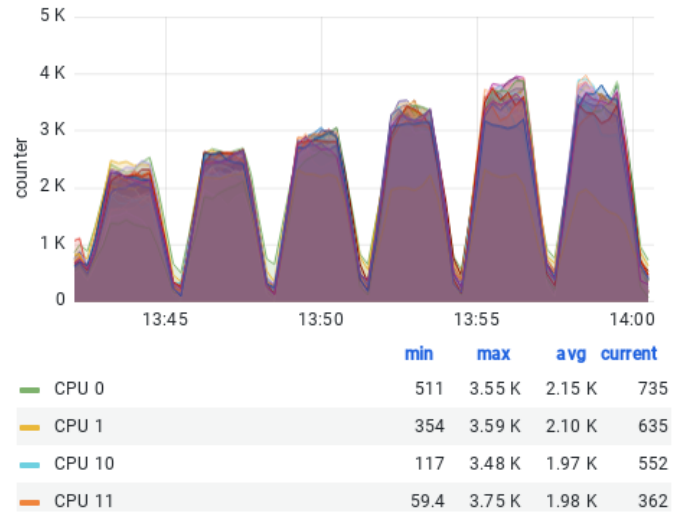
System Load



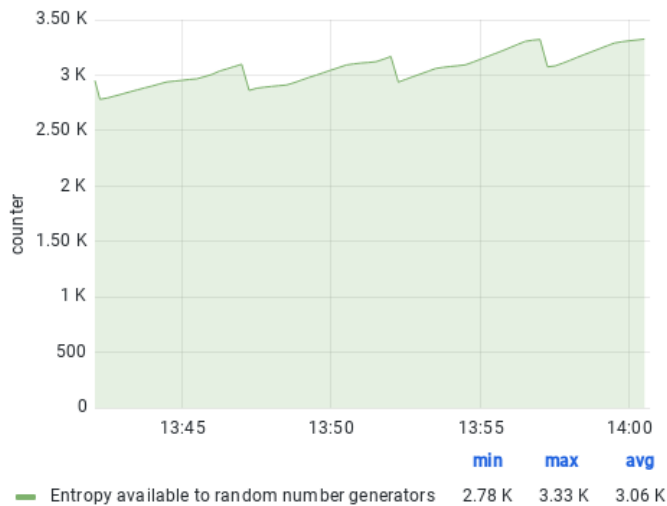
Interrupts Detail



Schedule timeslices executed by each cpu



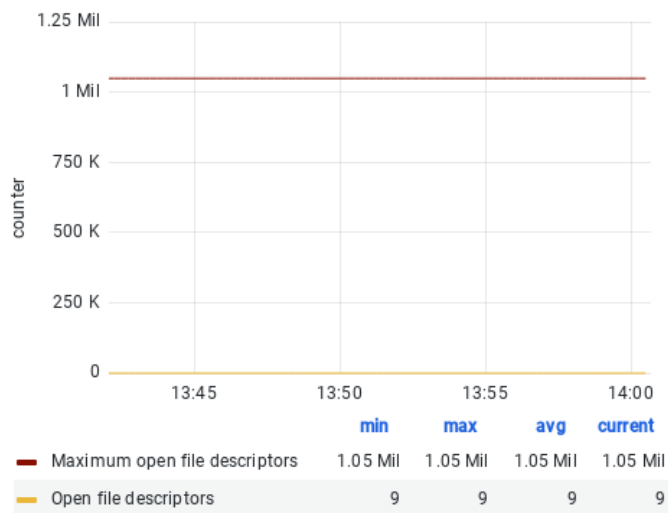
Entropy



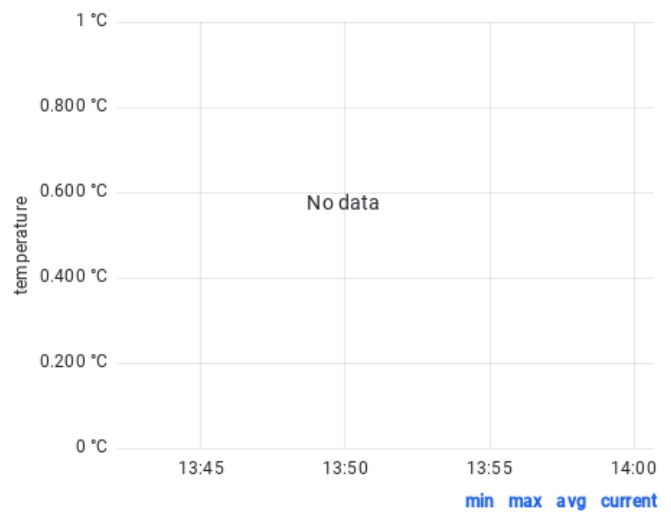
CPU time spent in user and system contexts



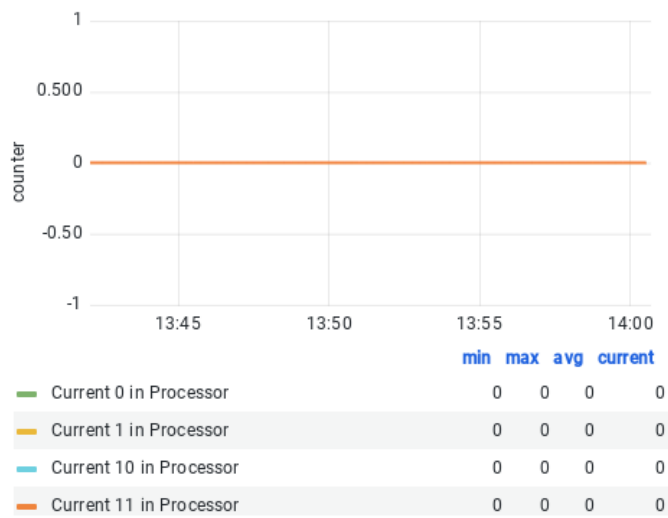
File Descriptors



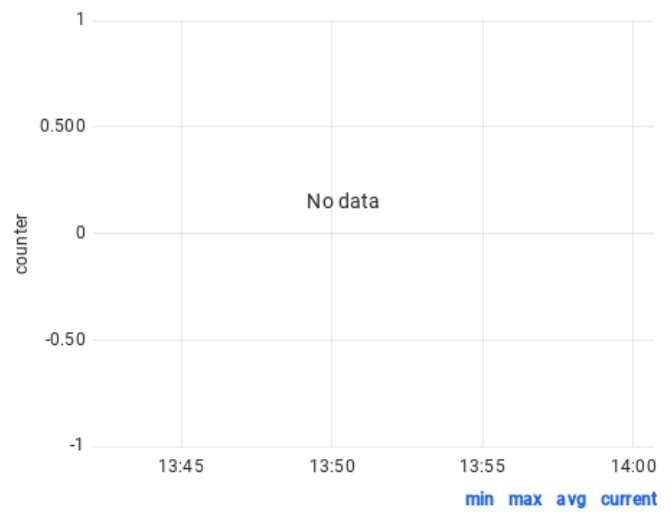
Hardware temperature monitor



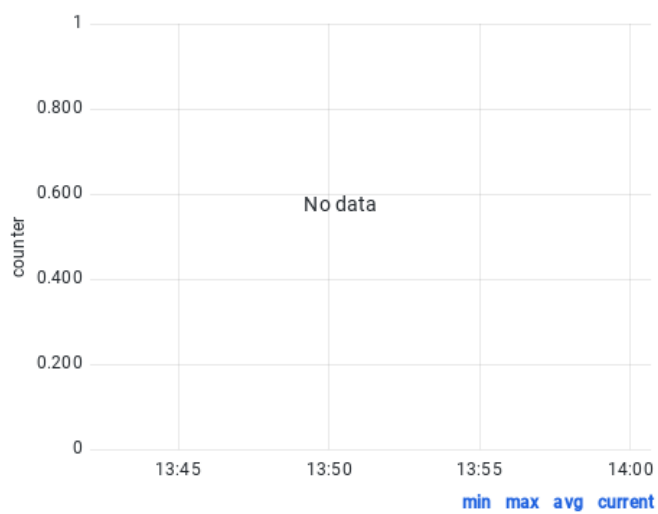
Throttle cooling device



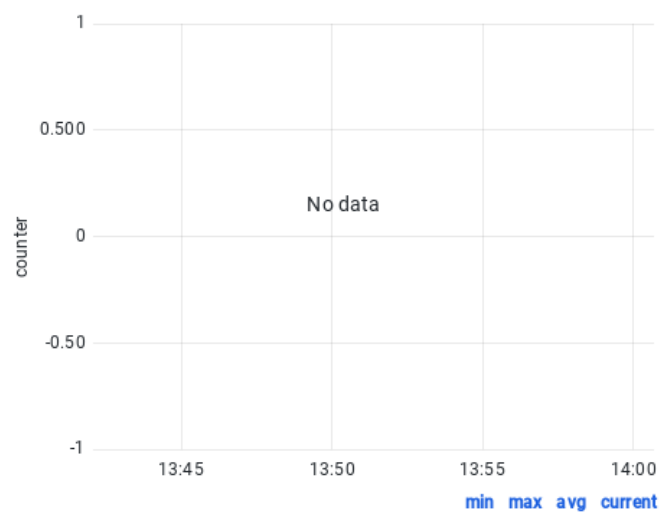
Power supply

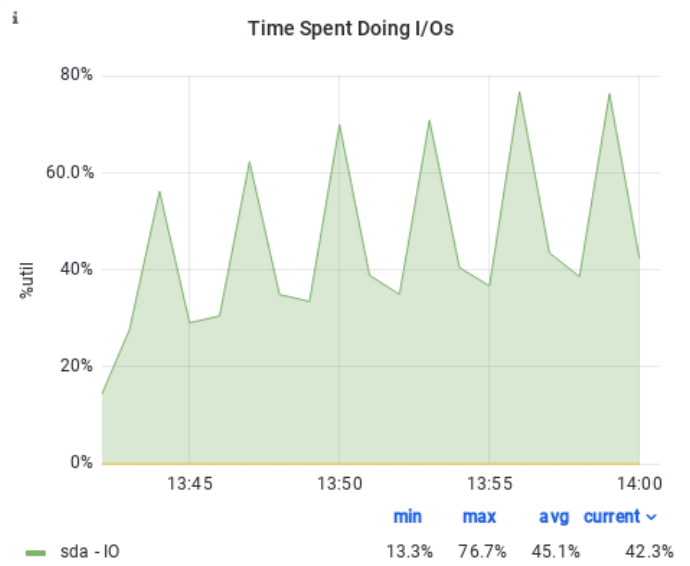
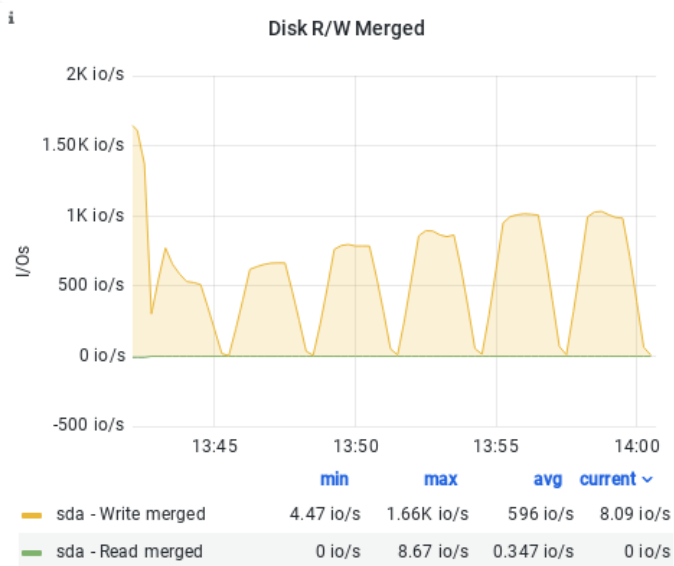
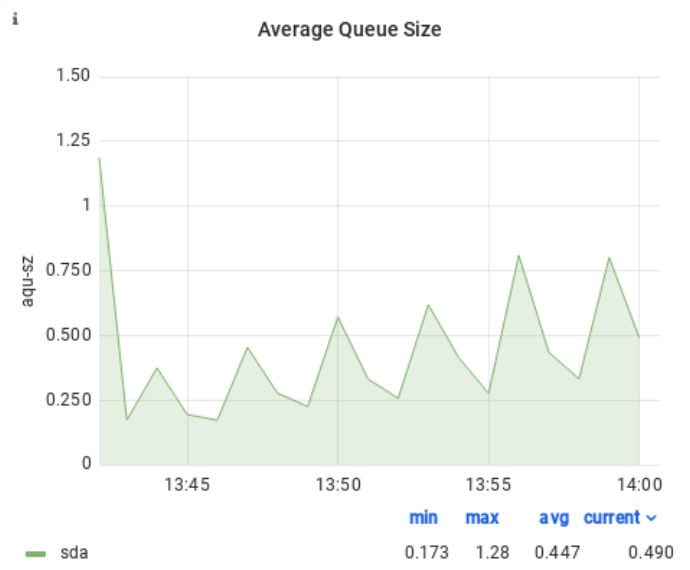
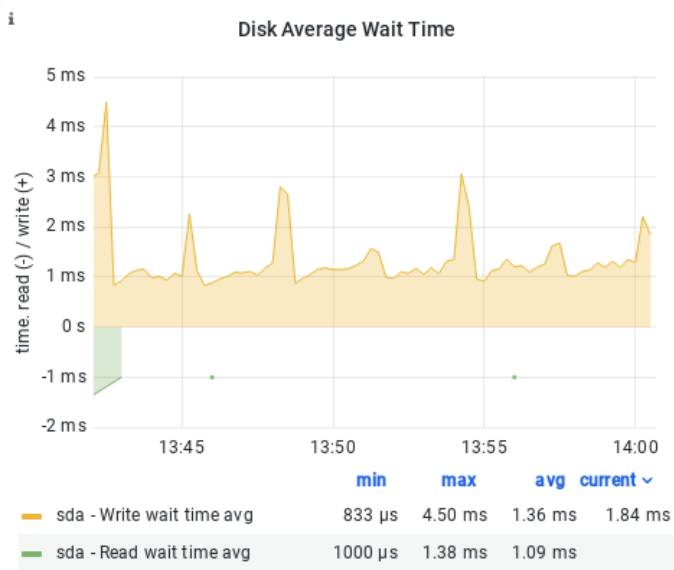
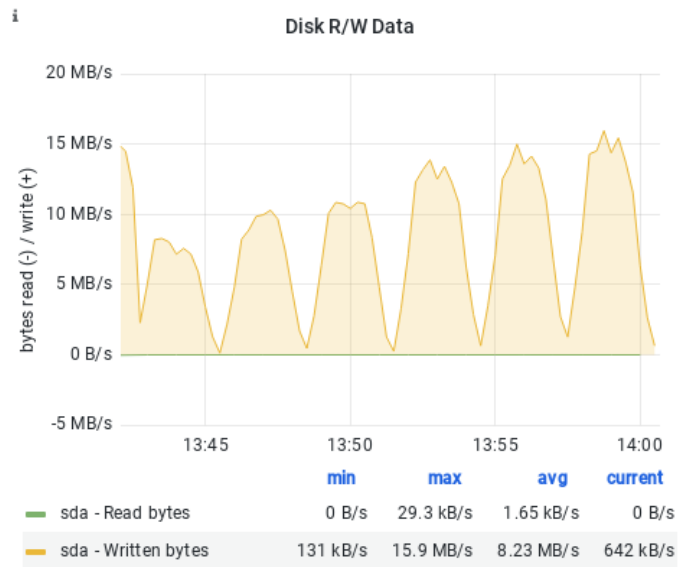
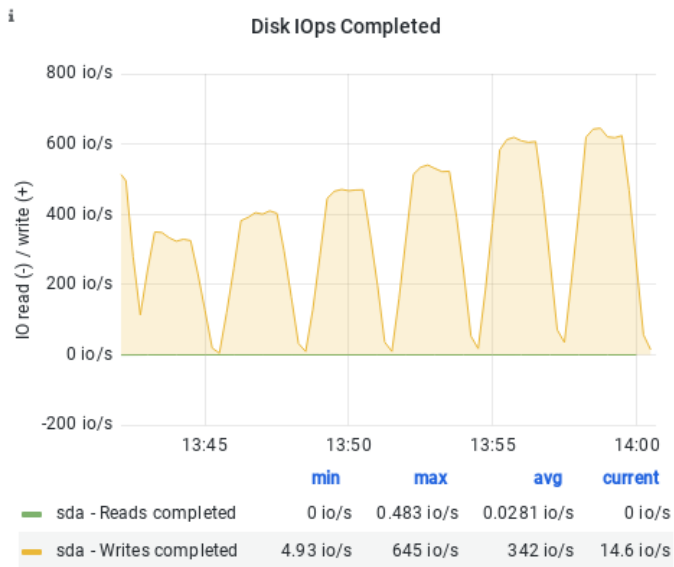


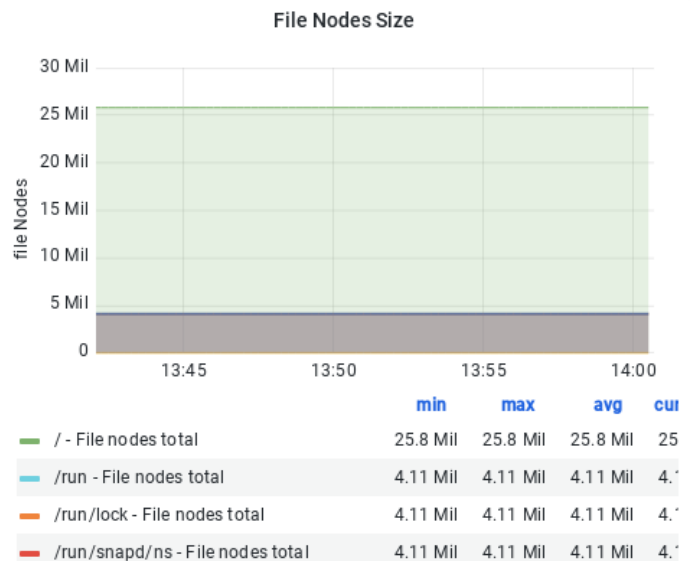
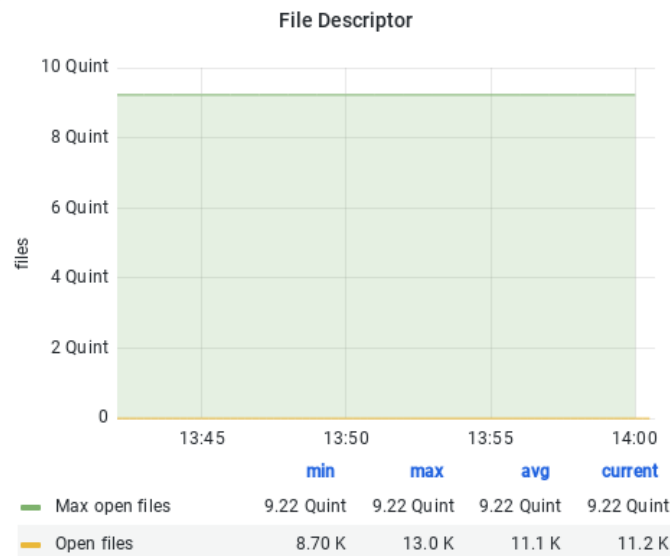
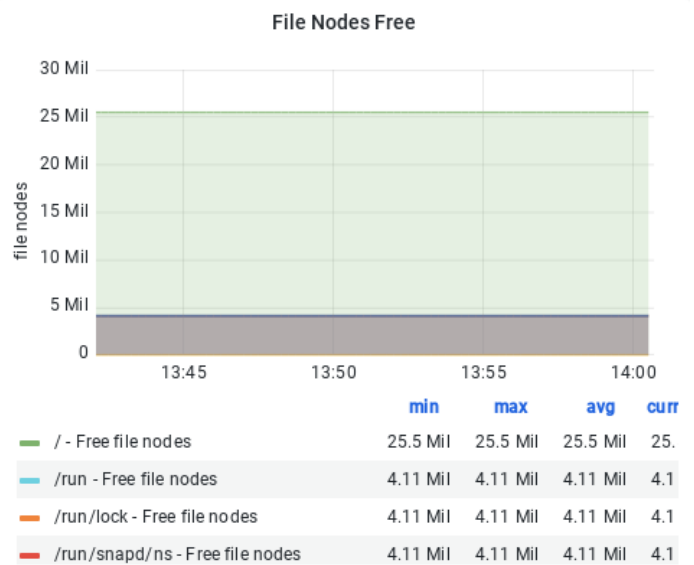
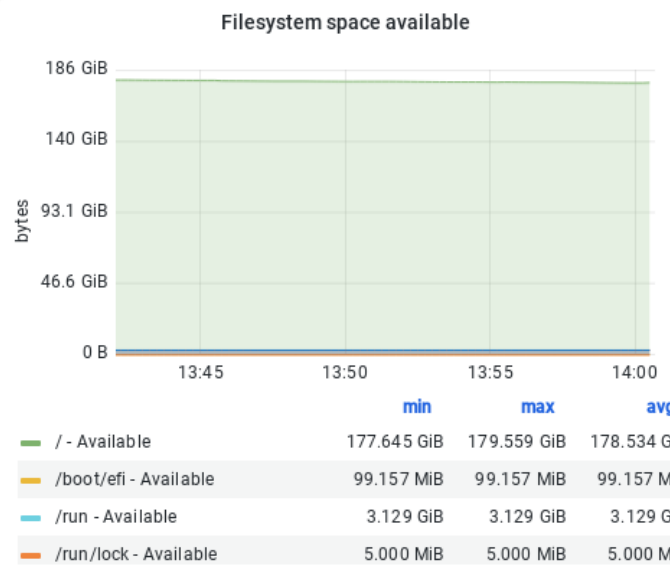
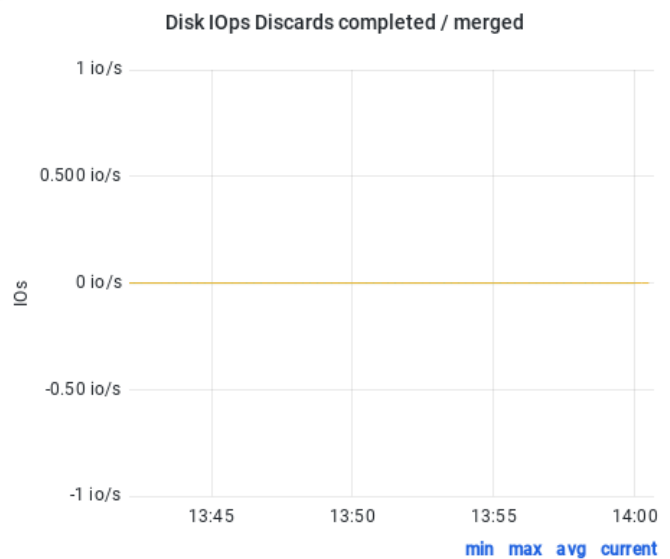
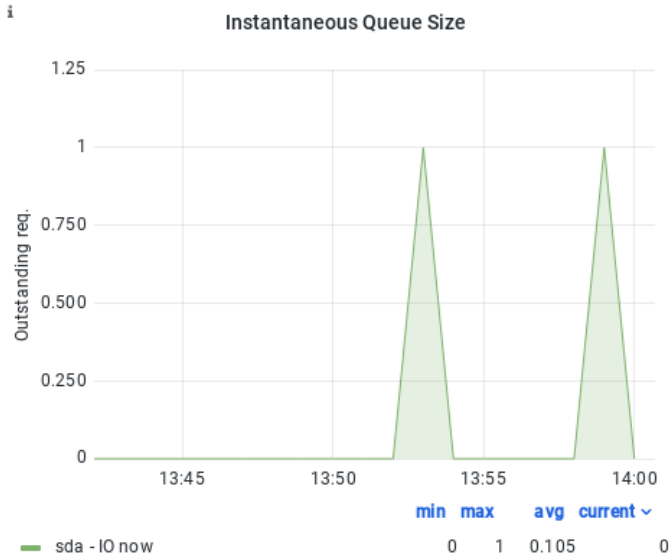
Systemd Sockets



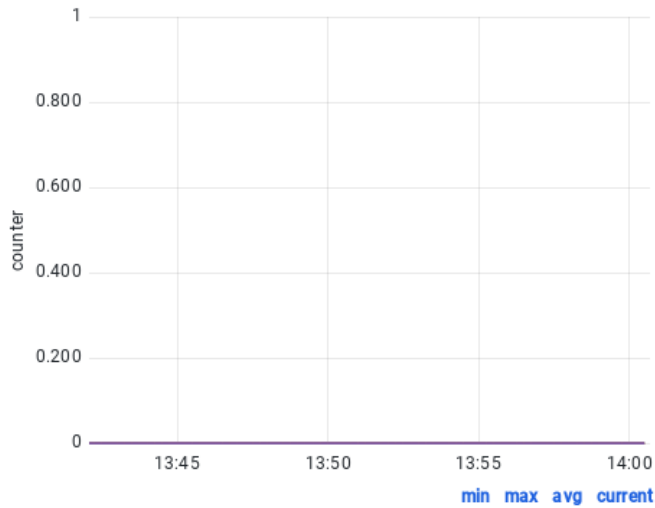
Systemd Units State



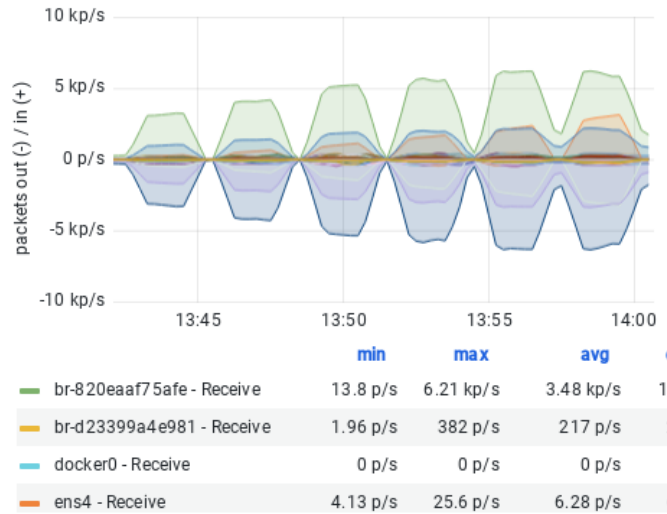




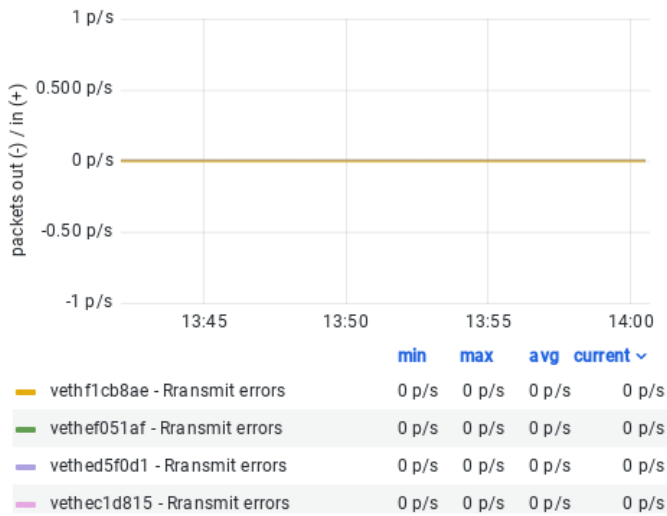
Filesystem in ReadOnly / Error



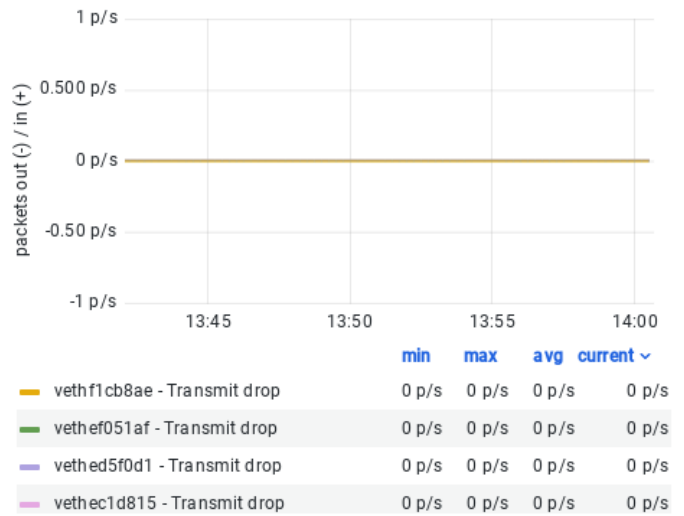
Network Traffic by Packets



Network Traffic Errors



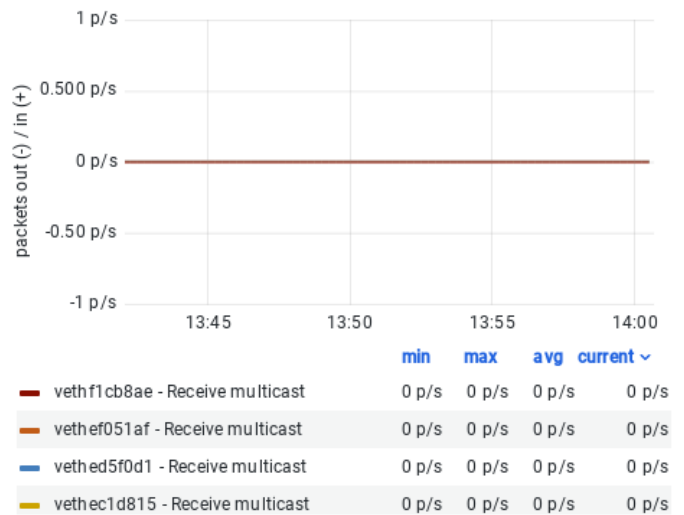
Network Traffic Drop



Network Traffic Compressed



Network Traffic Multicast

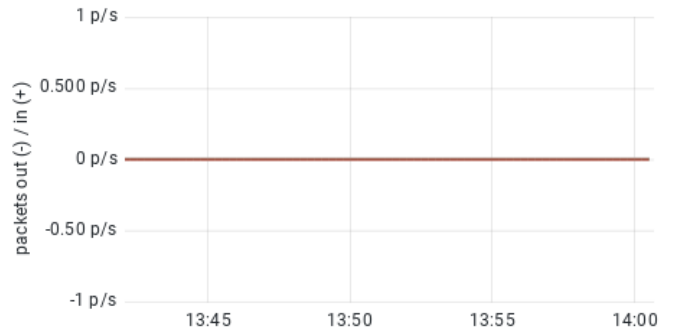


Network Traffic Fifo



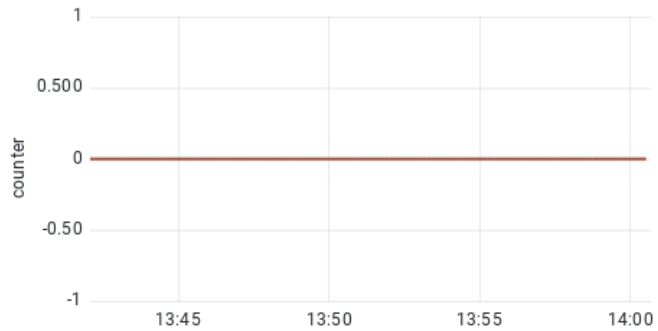
	min	max	avg	current
vethf1cb8ae - Transmit fifo	0 p/s	0 p/s	0 p/s	0 p/s
vethef051af - Transmit fifo	0 p/s	0 p/s	0 p/s	0 p/s
vethed5f0d1 - Transmit fifo	0 p/s	0 p/s	0 p/s	0 p/s
vethec1d815 - Transmit fifo	0 p/s	0 p/s	0 p/s	0 p/s

Network Traffic Frame



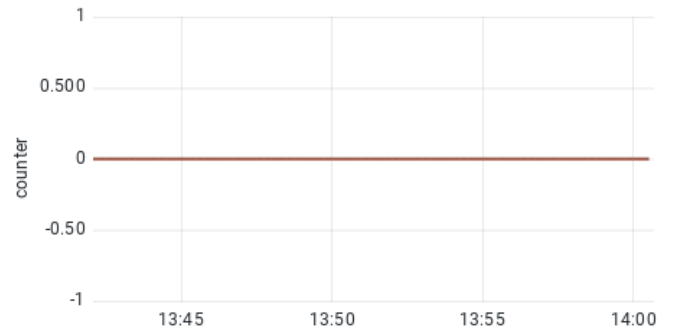
	min	max	avg	current
vethf1cb8ae - Receive frame	0 p/s	0 p/s	0 p/s	0 p/s
vethef051af - Receive frame	0 p/s	0 p/s	0 p/s	0 p/s
vethed5f0d1 - Receive frame	0 p/s	0 p/s	0 p/s	0 p/s
vethec1d815 - Receive frame	0 p/s	0 p/s	0 p/s	0 p/s

Network Traffic Carrier



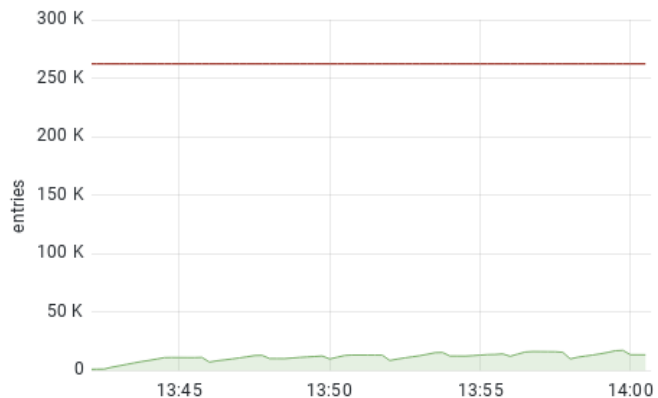
	min	max	avg	current
vethf1cb8ae - Statistic transmit_carrier	0	0	0	0
vethef051af - Statistic transmit_carrier	0	0	0	0
vethed5f0d1 - Statistic transmit_carrier	0	0	0	0
vethec1d815 - Statistic transmit_carrier	0	0	0	0

Network Traffic Colls



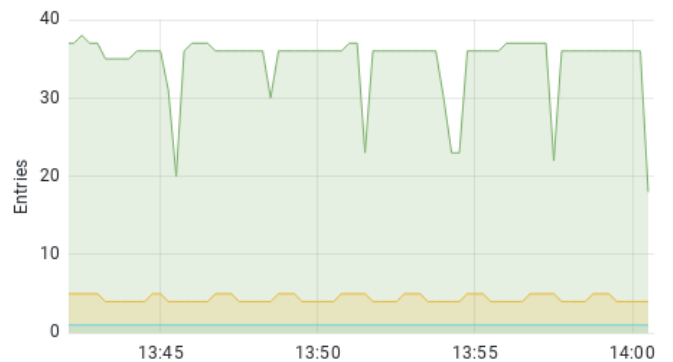
	min	max	avg	current
vethf1cb8ae - Transmit colls	0	0	0	0
vethef051af - Transmit colls	0	0	0	0
vethed5f0d1 - Transmit colls	0	0	0	0
vethec1d815 - Transmit colls	0	0	0	0

NF Contrack



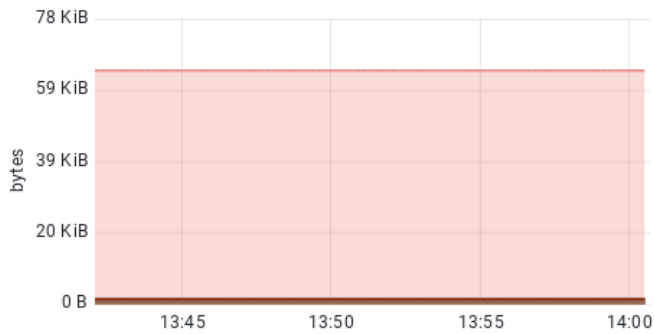
	min	max	avg	current
NF conntrack entries	921	17.1 K	11.4 K	13.3 K
NF conntrack limit	262 K	262 K	262 K	262 K

ARP Entries



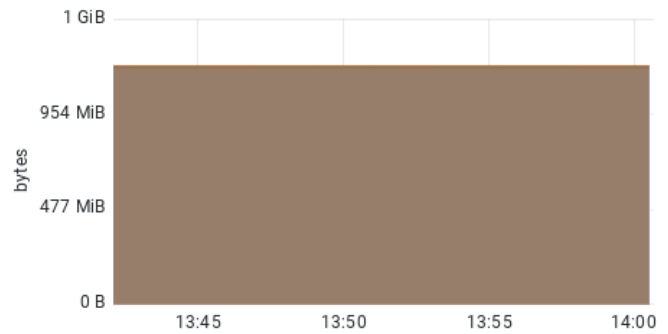
	min	max	avg	current
br-820eaa75afe - ARP entries	18	38	34.8	18
br-d23399a4e981 - ARP entries	4	5	4.40	4
ens4 - ARP entries	1	1	1	1

MTU



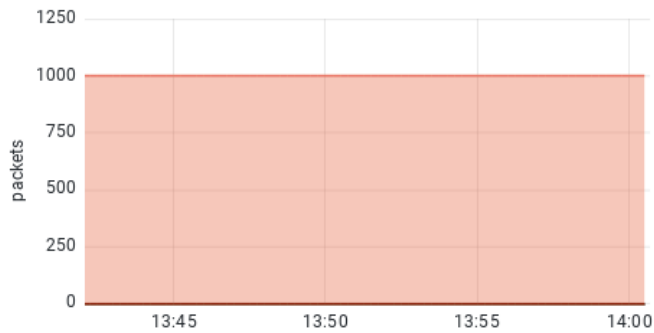
	min	max	avg	current
br-820eaa75afe - Bytes	1.5 KiB	1.5 KiB	1.5 KiB	1.5 KiB
br-d23399a4e981 - Bytes	1.5 KiB	1.5 KiB	1.5 KiB	1.5 KiB
docker0 - Bytes	1.5 KiB	1.5 KiB	1.5 KiB	1.5 KiB
ens4 - Bytes	1.4 KiB	1.4 KiB	1.4 KiB	1.4 KiB

Speed



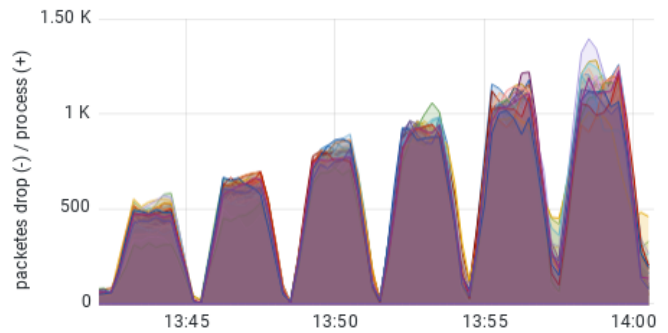
	min	max	avg	current
br-820eaa75afe - Speed	1.2 GiB	1.2 GiB	1.2 GiB	1.2 GiB
br-d23399a4e981 - Speed	1.2 GiB	1.2 GiB	1.2 GiB	1.2 GiB
docker0 - Speed	-122.1 KiB	-122.1 KiB	-122.1 KiB	-122.1 KiB
ens4 - Speed	-122.1 KiB	-122.1 KiB	-122.1 KiB	-122.1 KiB

Queue Length



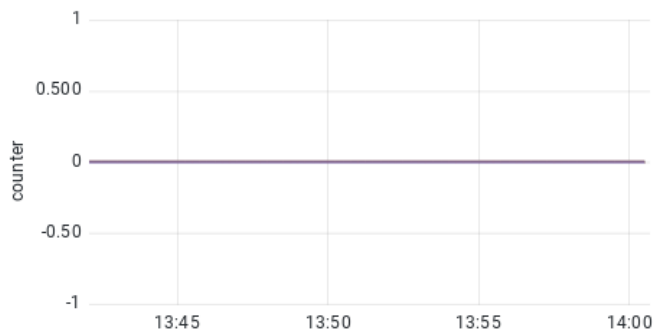
	min	max	avg	current
br-820eaa75afe - Interface transmit queue length	0	0	0	0
br-d23399a4e981 - Interface transmit queue length	0	0	0	0
docker0 - Interface transmit queue length	0	0	0	0
ens4 - Interface transmit queue length	1000.0	1000.0	1000.0	1000.0

Softnet Packets



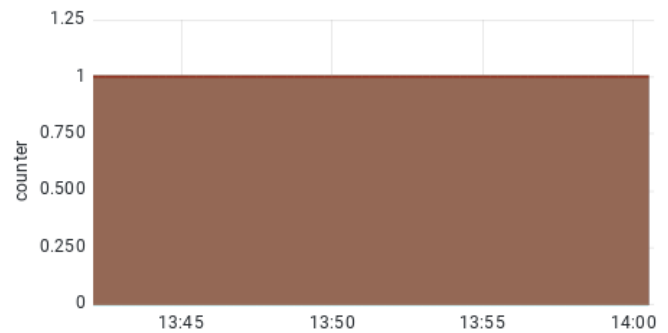
	min	max	avg	current
CPU 31 - Processed	1.84	1.01 K	556	460
CPU 0 - Processed	9.73	1.20 K	587	328
CPU 3 - Processed	2.29	1.39 K	584	267
CPU 10 - Processed	3.31	1.16 K	546	264

Softnet Out of Quota



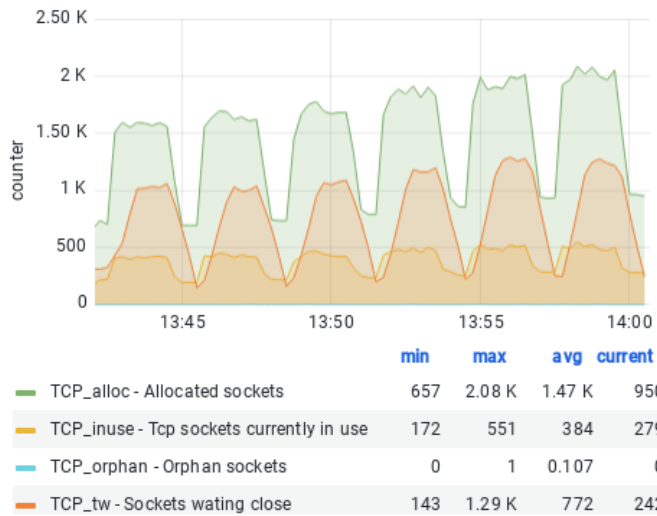
	min	max	avg	current
CPU 9 - Squeezed	0	0	0	0
CPU 8 - Squeezed	0	0	0	0
CPU 7 - Squeezed	0	0	0	0
CPU 6 - Squeezed	0	0	0	0

Network Operational Status

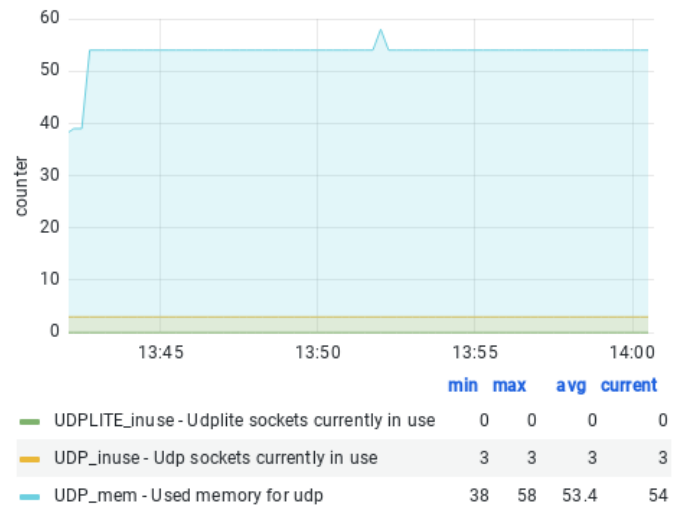


	min	max	avg	current
vethf1cb8ae - Physical link state	1	1	1	1
vethef051af - Physical link state	1	1	1	1
vethed5f0d1 - Physical link state	1	1	1	1
vethec1d815 - Physical link state	1	1	1	1

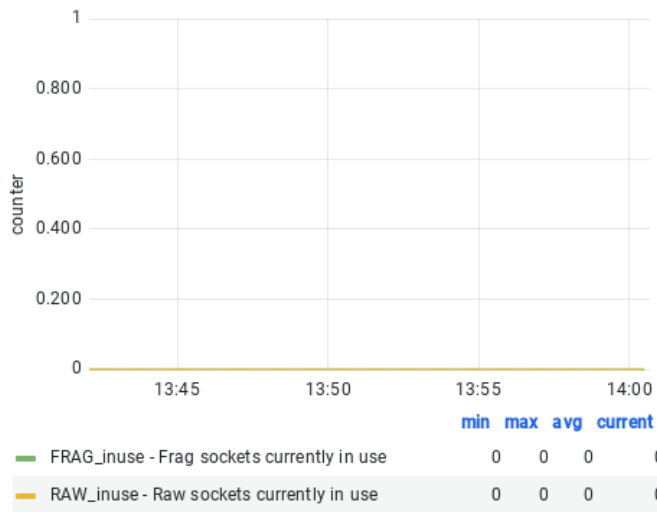
Sockstat TCP



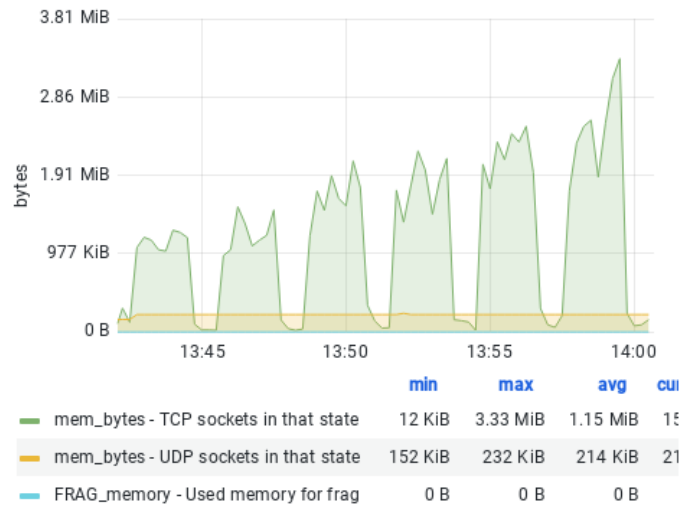
Sockstat UDP



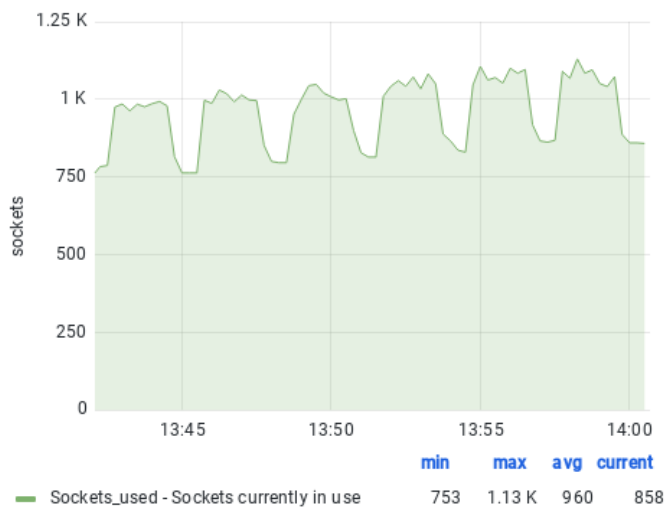
Sockstat FRAG / RAW



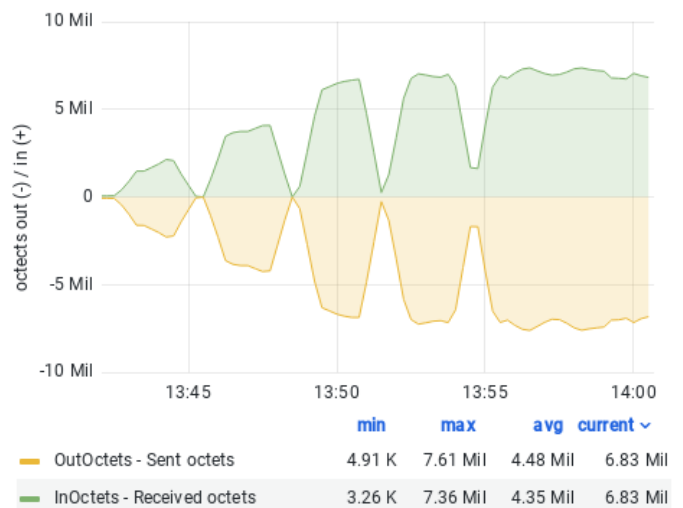
Sockstat Memory Size



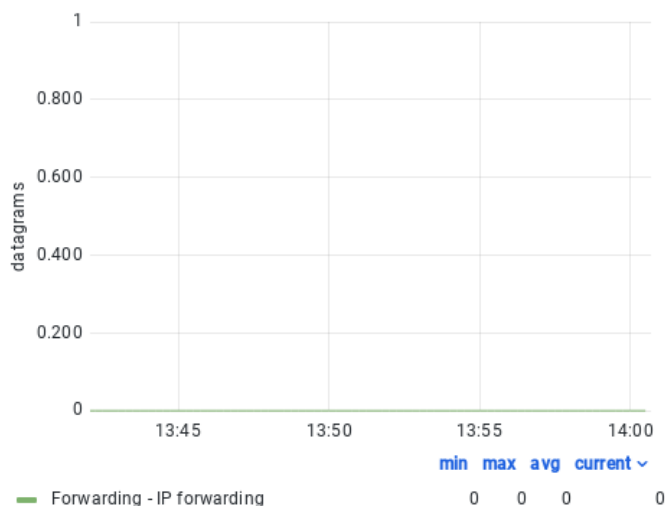
Sockstat Used



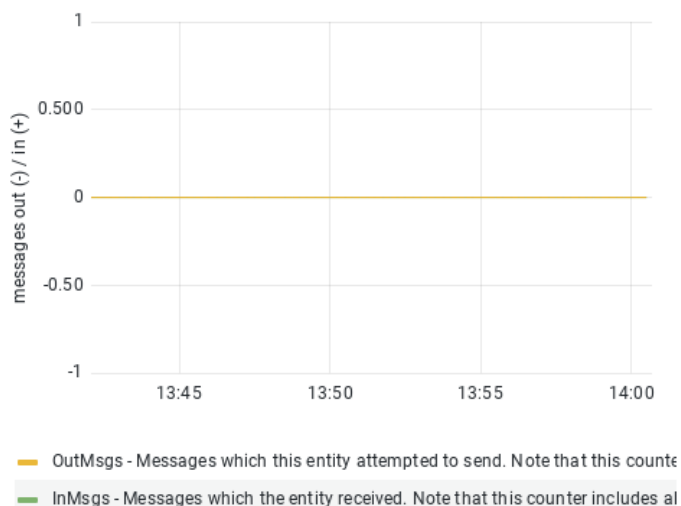
Netstat IP In / Out Octets



Netstat IP Forwarding



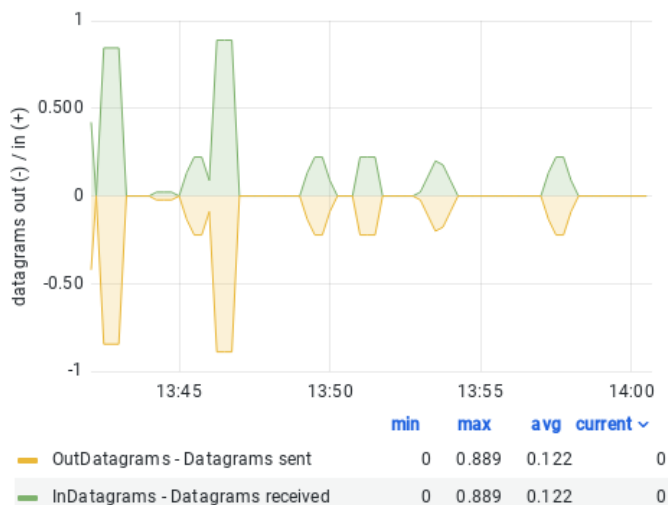
ICMP In / Out



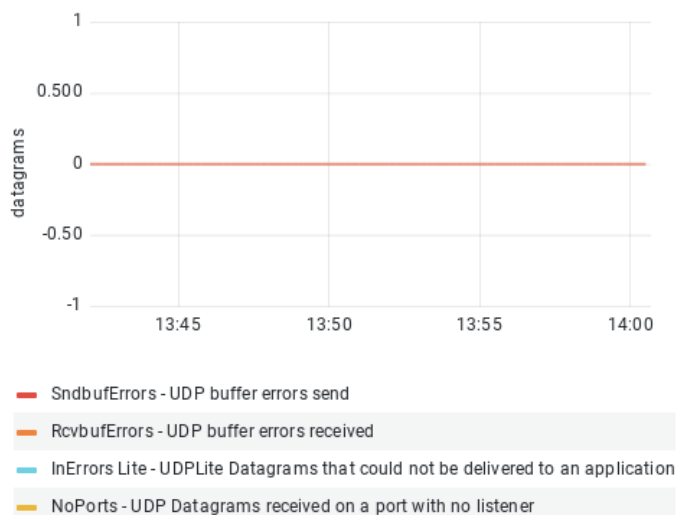
ICMP Errors



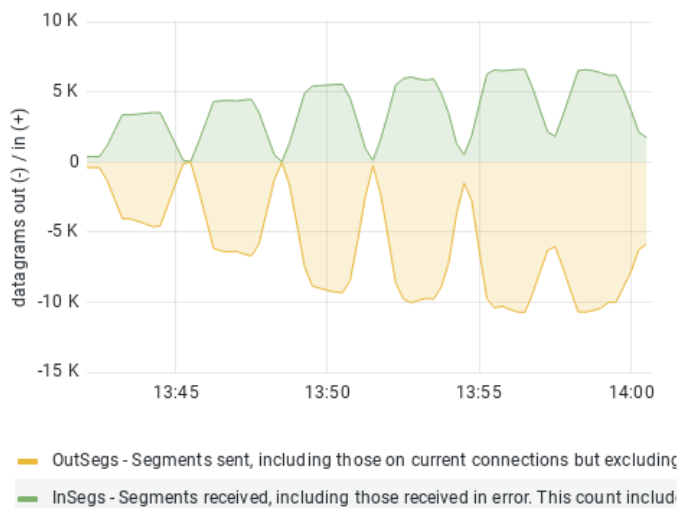
UDP In / Out



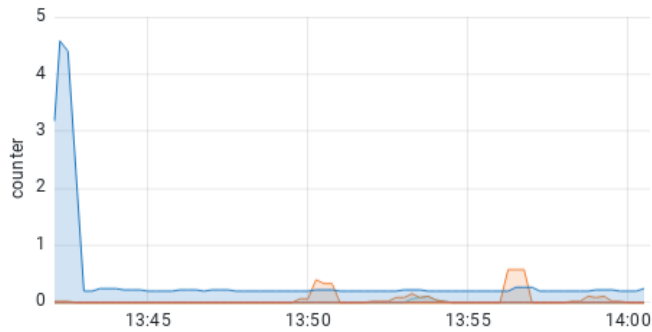
UDP Errors



TCP In / Out



TCP Errors



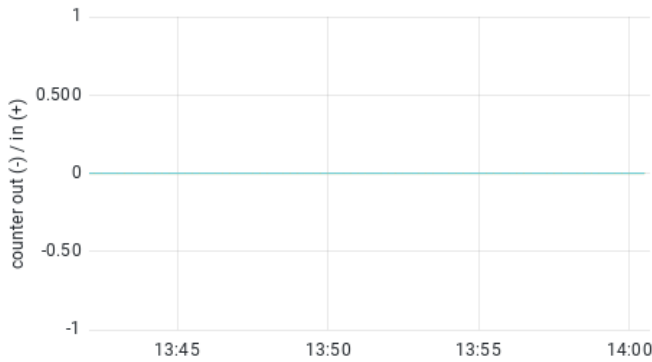
OutRsts - Segments sent with RST flag
 InErrs - Segments received in error (e.g., bad TCP checksums)
 RetransSegs - Segments retransmitted - that is, the number of TCP segments tr
 TCPSynRetrans - SYN-SYN/ACK retransmits to break down retransmissions in

TCP Connections



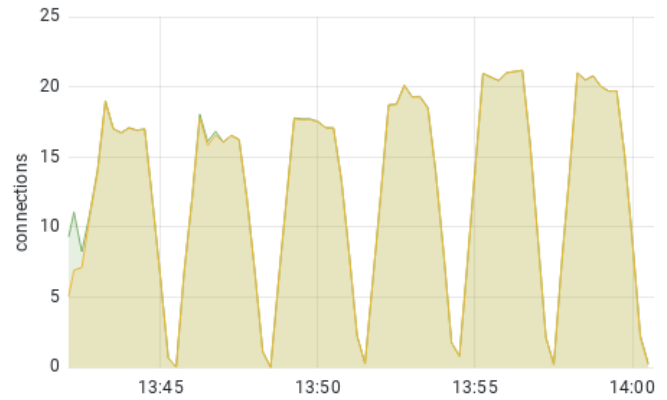
CurrEstab - TCP connections for which the current state is either ESTABLISHED

TCP SynCookie



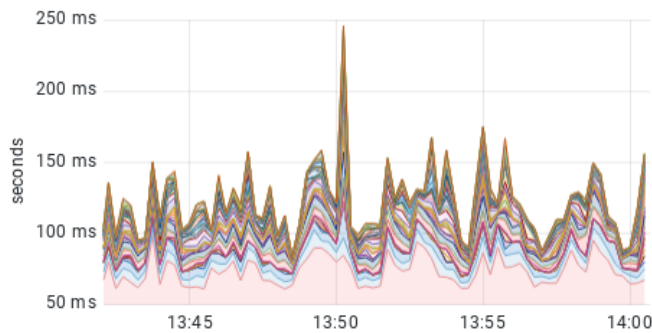
	min	max	avg	current
SyncookiesSent - SYN cookies sent	0	0	0	0
SyncookiesRecv - SYN cookies received	0	0	0	0
SyncookiesFailed - Invalid SYN cookies received	0	0	0	0

TCP Direct Transition



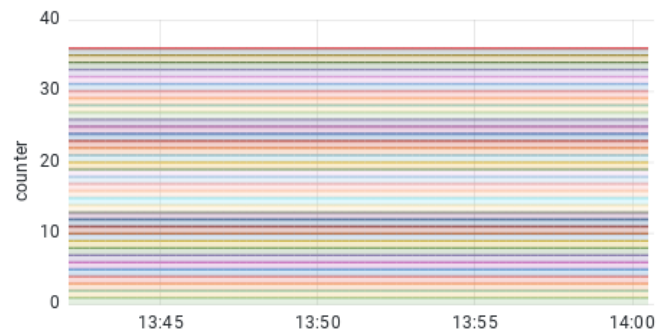
ActiveOpens - TCP connections that have made a direct transition to the SYN-S
 PassiveOpens - TCP connections that have made a direct transition to the SYN

Node Exporter Scrape Time



	min	max	avg	current
netclass - Scrape duration	61.3 ms	98.7 ms	73.7 ms	67.5
netdev - Scrape duration	3.06 ms	13.0 ms	6.65 ms	7.63
cpu - Scrape duration	2.27 ms	23.0 ms	6.03 ms	5.18
hwmon - Scrape duration	15.8 μ s	5.63 ms	517 μ s	4.27

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