

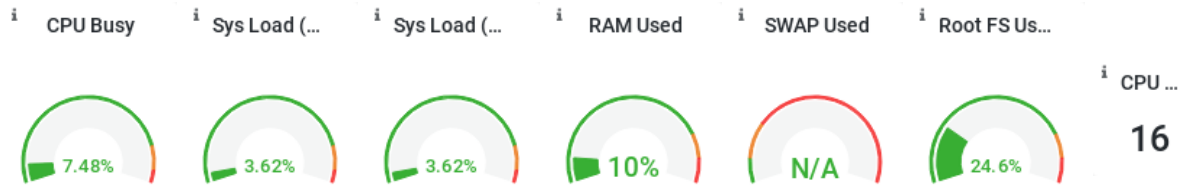
# Host Metrics

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

Sun Feb 20 09:33:46 UTC 2022

to

Sun Feb 20 14:45:06 UTC 2022

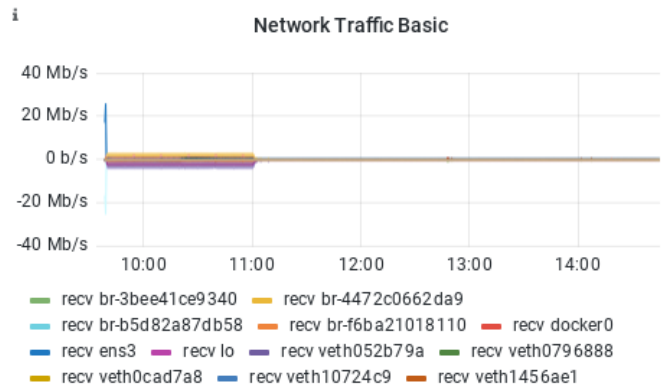
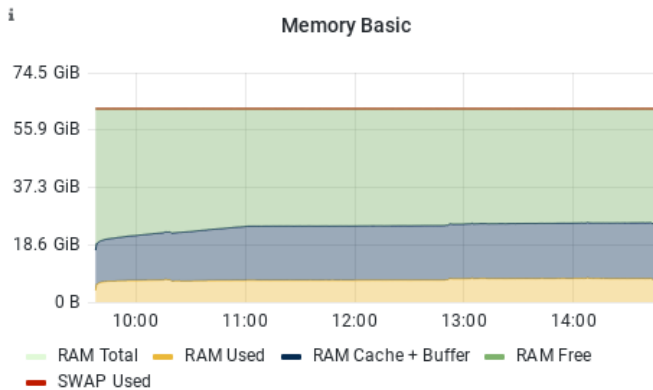
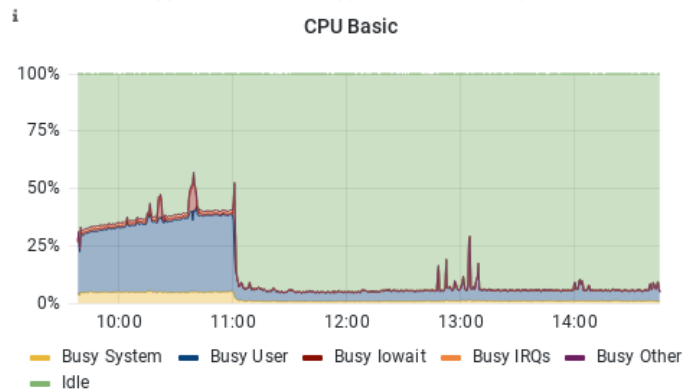


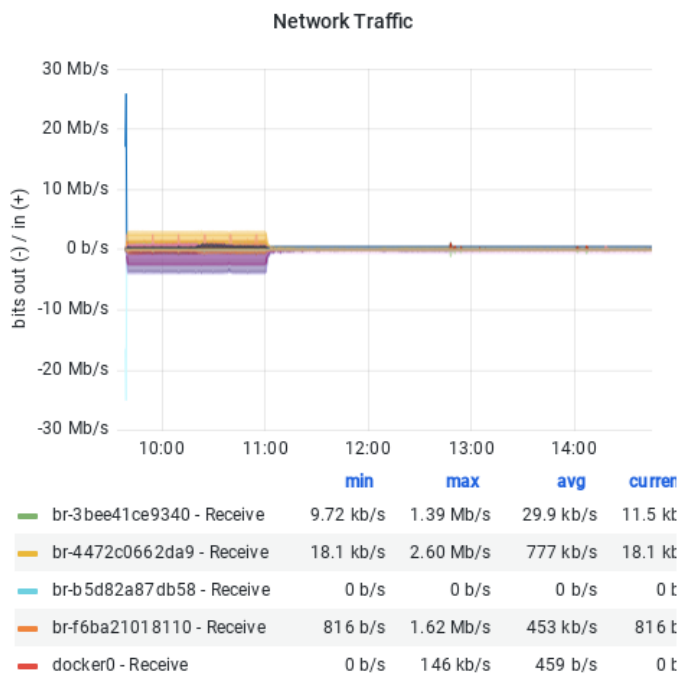
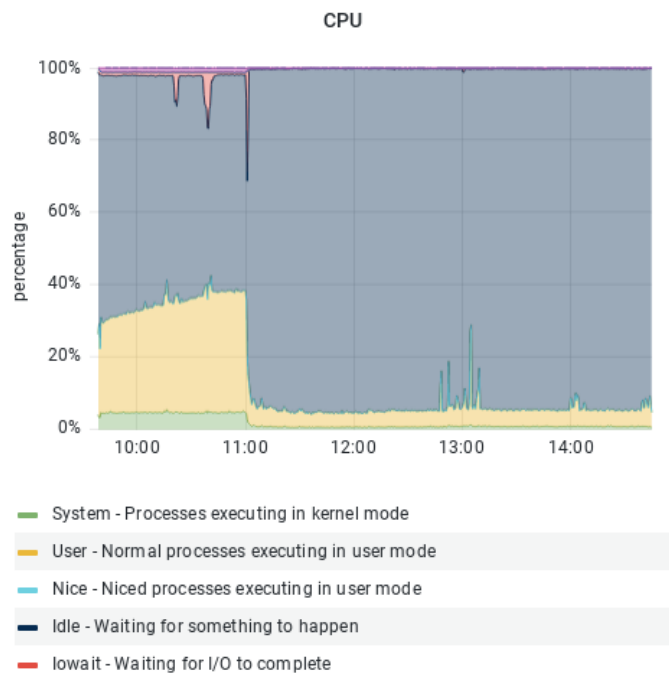
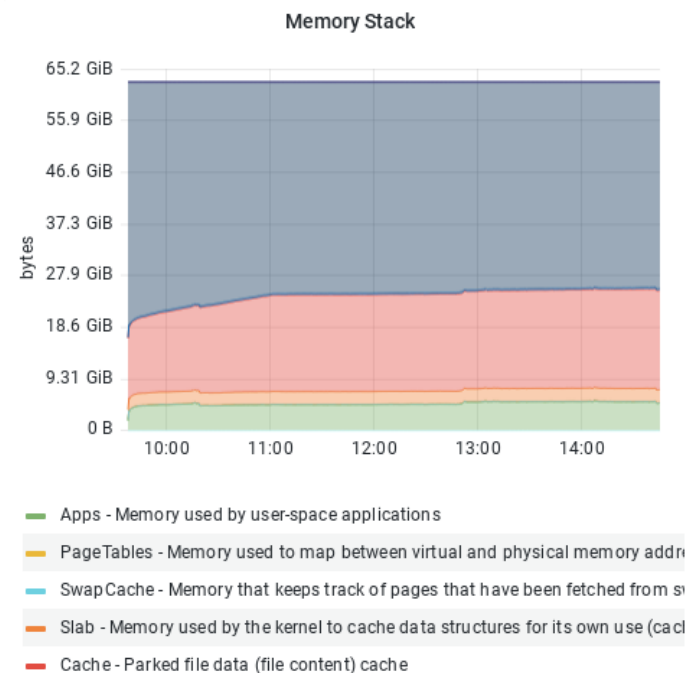
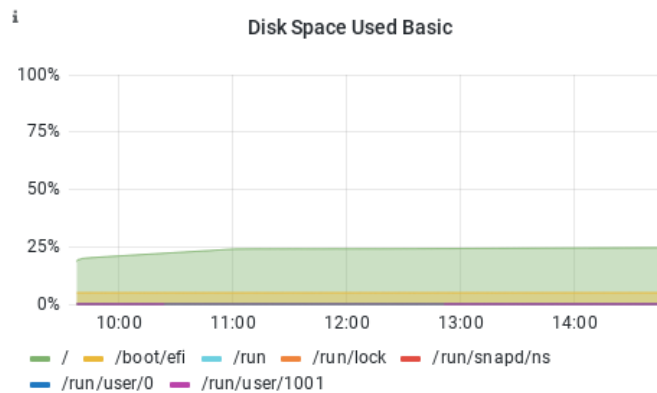
Uptime: 18.7 week

Root FS Used: 97 GiB

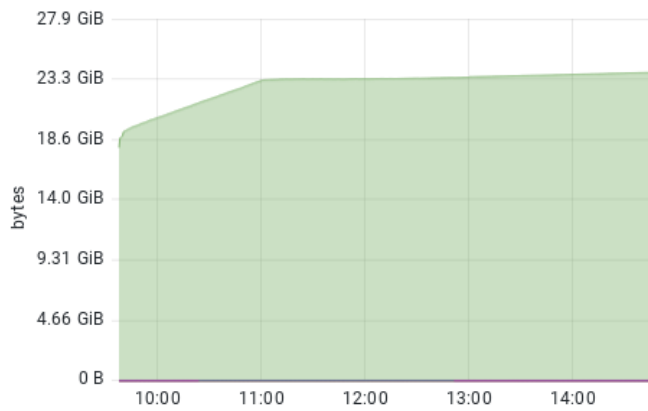
RAM Used: 63 GiB

SWAP Used: 0 B



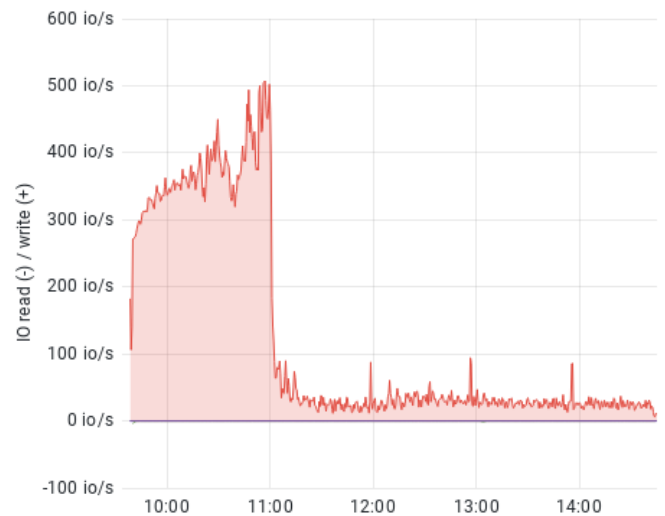


Disk Space Used



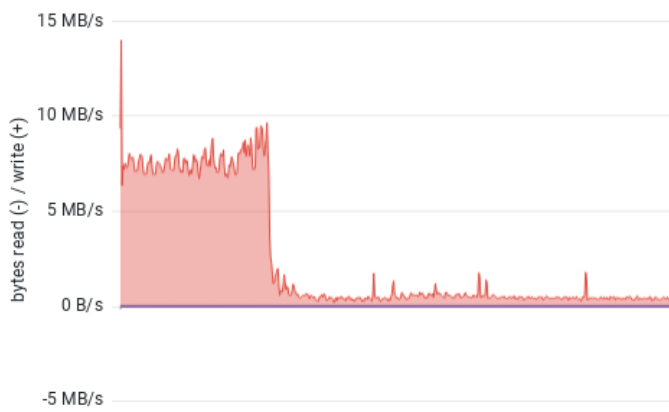
	min	max	avg	current ^
/run/lock	0 B	0 B	0 B	0 B
/run/user/0	0 B	0 B	0 B	0 B
/run/user/1001	0 B	0 B	0 B	0 B
/run	2.234 MiB	3.695 MiB	3.681 MiB	3.629 MiB
/run/snapd/ns	2.234 MiB	3.695 MiB	3.681 MiB	3.629 MiB

Disk IOps



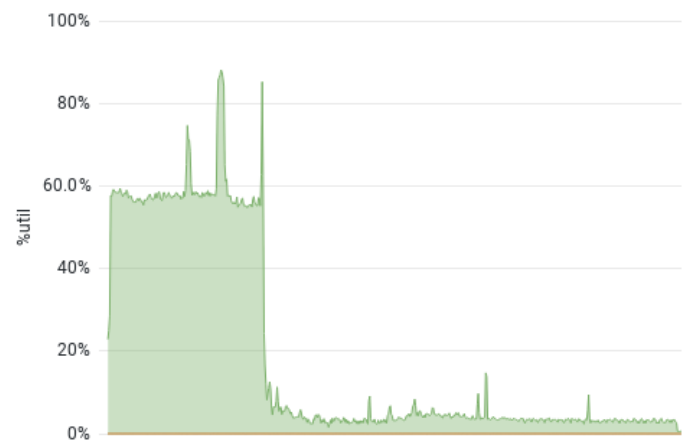
	min	max	avg	current
vda - Reads completed	0 io/s	3.87 io/s	0.0367 io/s	0 io/s
vda - Writes completed	6.27 io/s	507 io/s	121 io/s	10.4 io/s

I/O Usage Read / Write



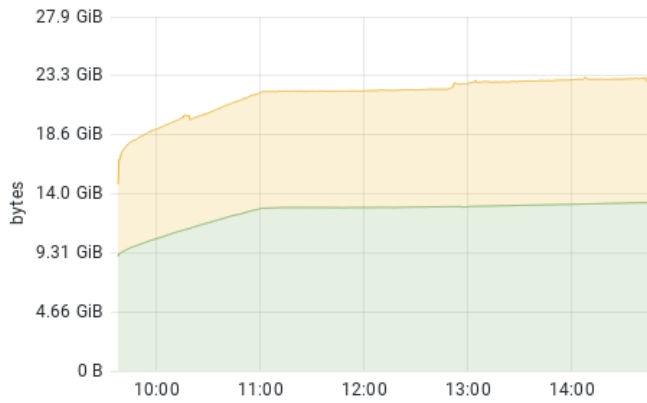
	min	max	avg
vda - Successfully read bytes	0 B/s	160.154 kB/s	377.653 B/s
vdb - Successfully read bytes	0 B/s	0 B/s	0 B/s
vdc - Successfully read bytes	0 B/s	0 B/s	0 B/s
vdd - Successfully read bytes	0 B/s	0 B/s	0 B/s
vda - Successfully written bytes	108.954 kB/s	13.977 MB/s	2.466 MB/s

I/O Utilization



	min	max	avg	current
vda	0.471%	88.080%	18.827%	0.524%
vdb	0%	0%	0%	0%
vdc	0%	0%	0%	0%
vdd	0%	0%	0%	0%

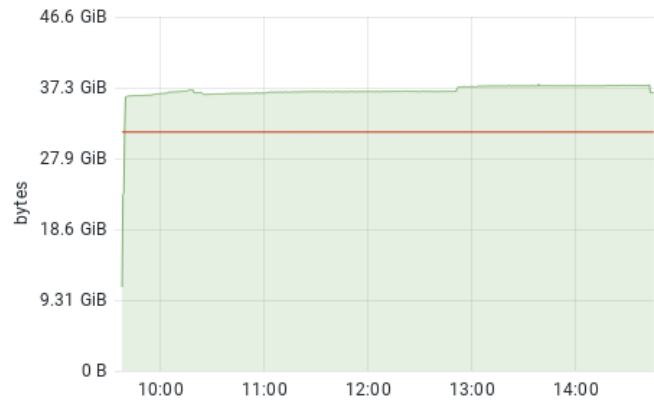
Memory Active / Inactive



— 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

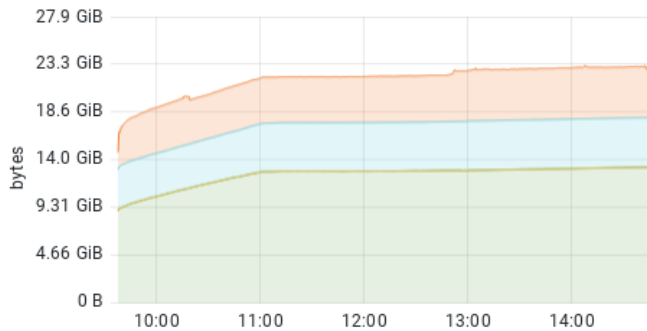
Memory Committed



— 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



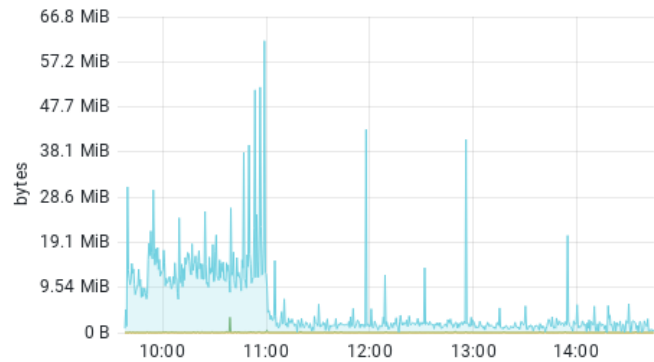
— Inactive\_file - File-backed memory on inactive LRU list

— 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



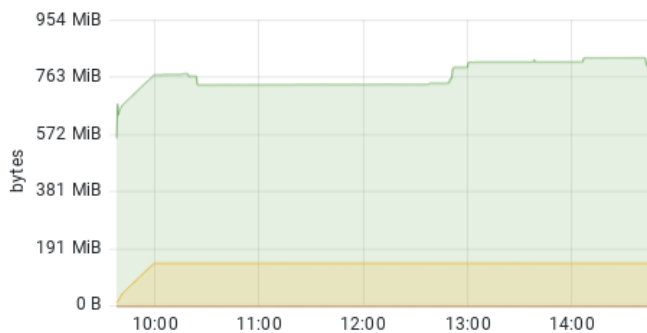
— Writeback - Memory which is actively being written back to disk

— WritebackTmp - Memory used by FUSE for temporary writeback buffers

— Dirty - Memory which is waiting to get written back to the disk

4.00

Memory Shared and Mapped



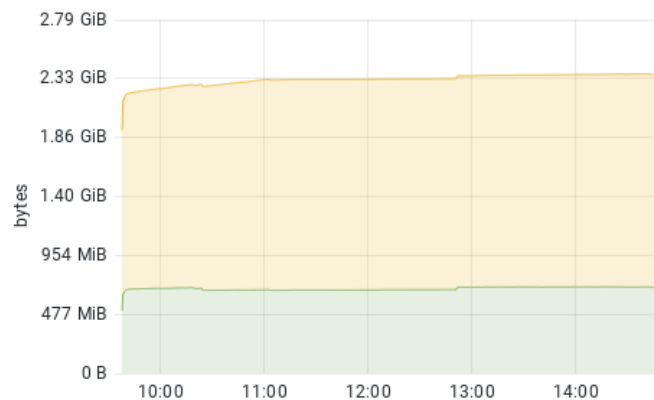
— Mapped - Used memory in mapped pages files which have been mmaped, such

— 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

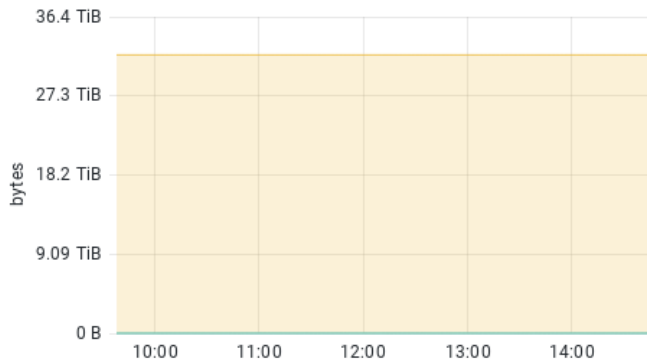


— SUnreclaim - Part of Slab, that cannot be reclaimed on memory pressure

— SReclaimable - Part of Slab, that might be reclaimed, such as caches

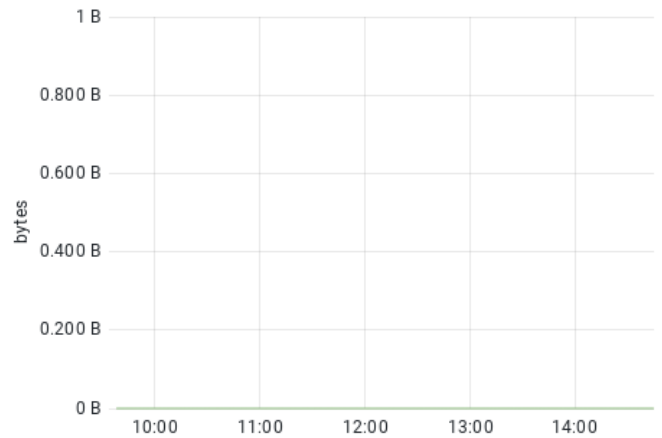
50

Memory Vmalloc



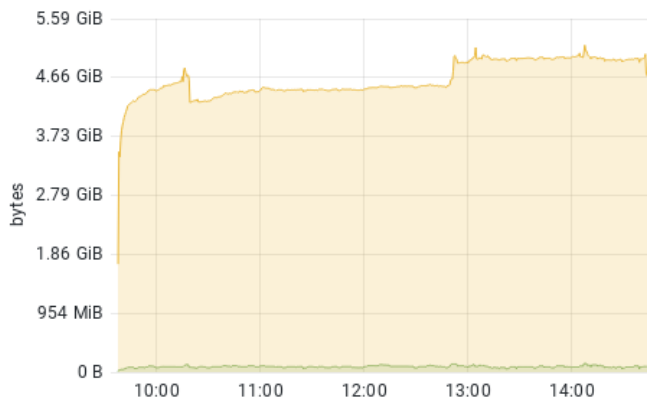
VmallocChunk - Largest contiguous block of vmalloc area which is free	
VmallocTotal - Total size of vmalloc memory area	32.0
VmallocUsed - Amount of vmalloc area which is used	28.9

Memory Bounce



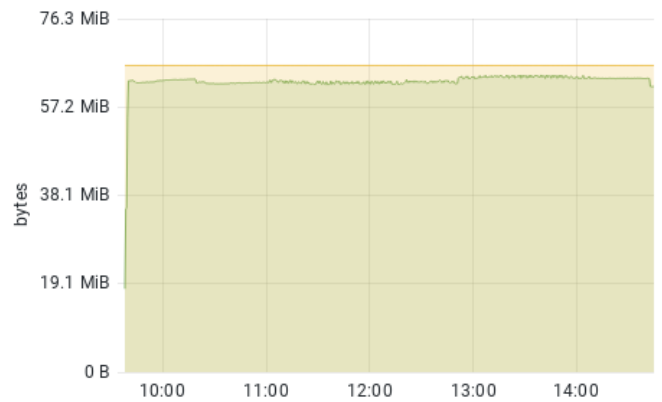
Bounce - Memory used for block device bounce buffers	0 B	0 B	0 B
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Memory Anonymous



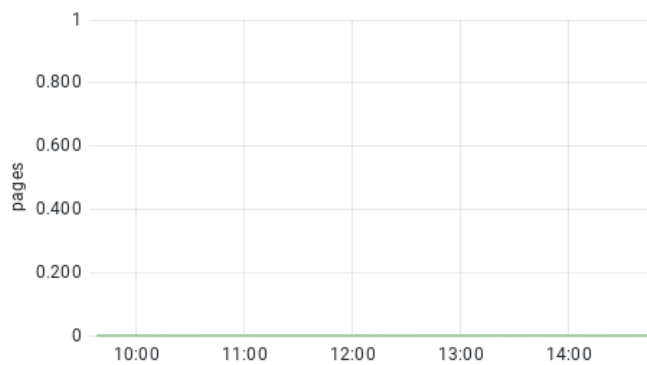
AnonHugePages - Memory in anonymous huge pages	10.00 MiB	138.00
AnonPages - Memory in user pages not backed by files	1.71 GiB	5.17

Memory Kernel / CPU



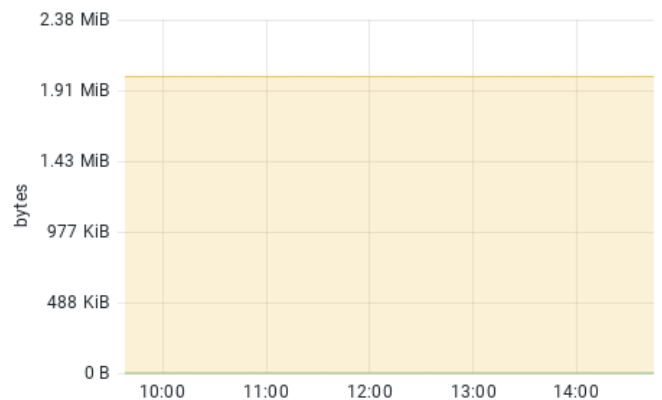
KernelStack - Kernel memory stack. This is not reclaimable	17.9
PerCPU - Per CPU memory allocated dynamically by loadable modules	66.1

Memory HugePages Counter



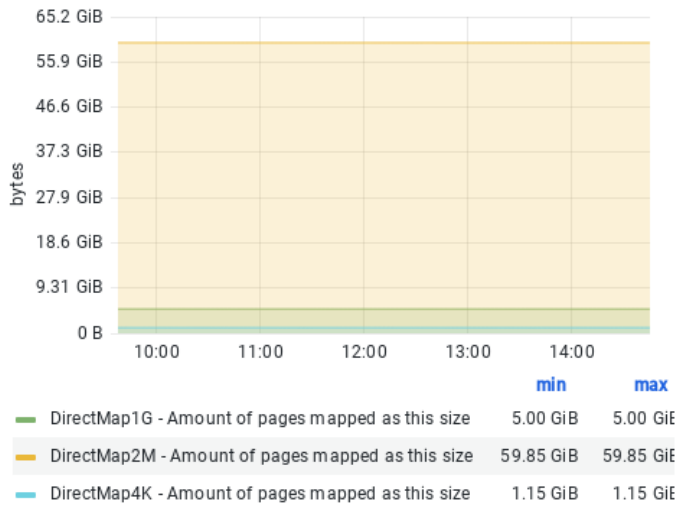
HugePages_Free - Huge pages in the pool that are not yet allocated	
HugePages_Rsvd - Huge pages for which a commitment to allocate from the pool has been made	
HugePages_Surp - Huge pages in the pool above the value in /proc/sys/vm/nr_hugepages	

Memory HugePages Size

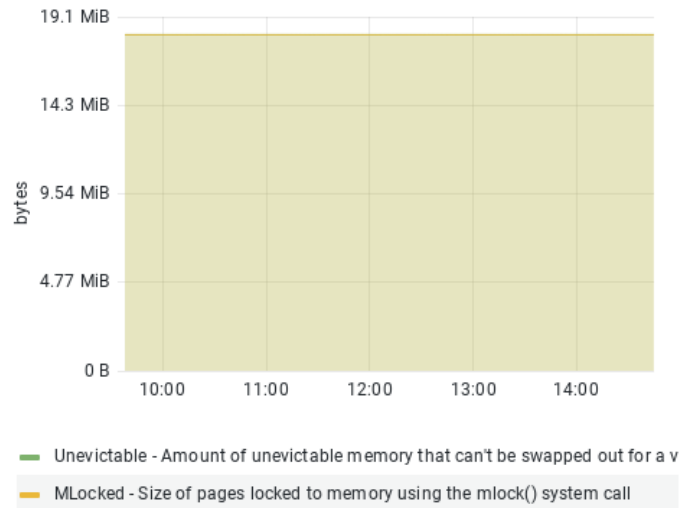


HugePages - Total size of the pool of huge pages	0 B	0 B
Hugepagesize - Huge Page size	2.00 MiB	2.00 MiB

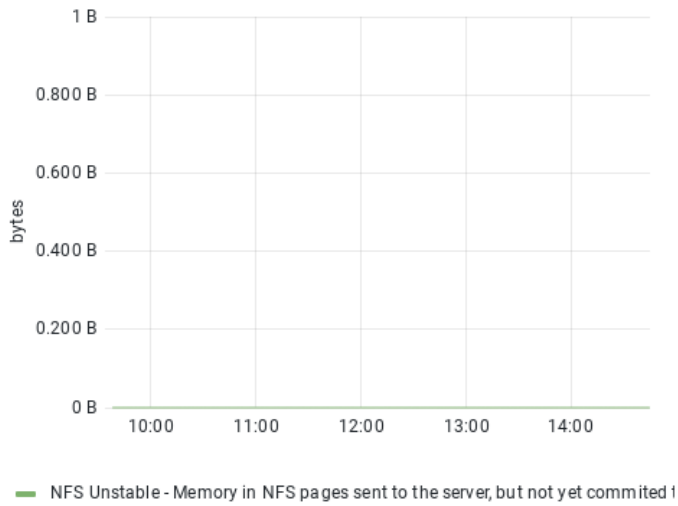
Memory DirectMap



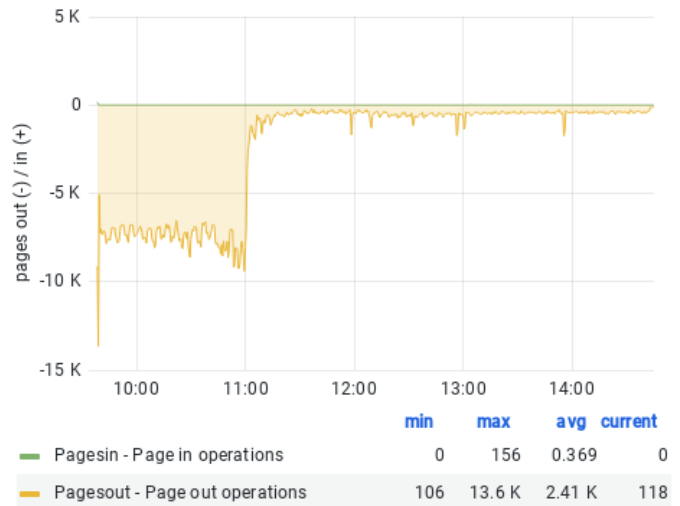
Memory Unevictable and MLocked



Memory NFS



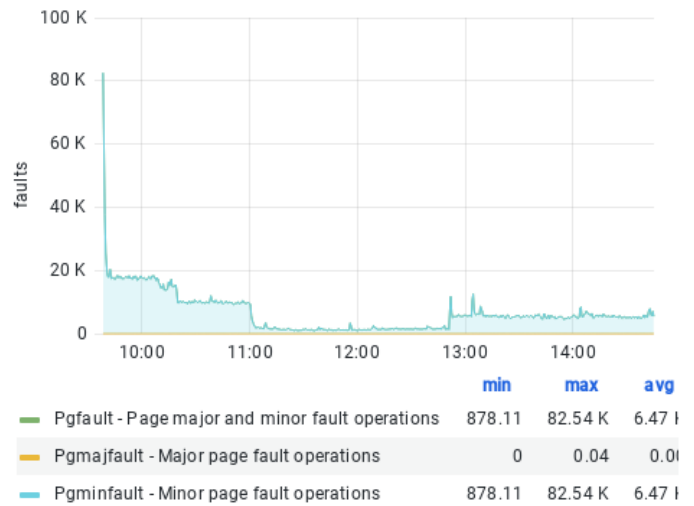
Memory Pages In / Out

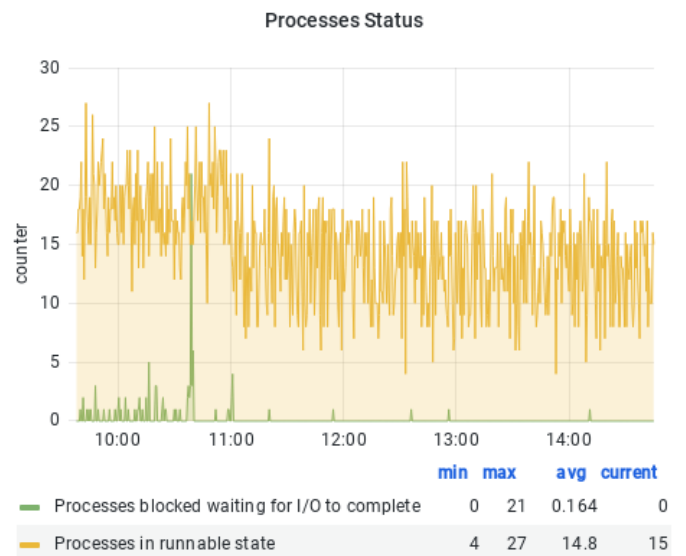
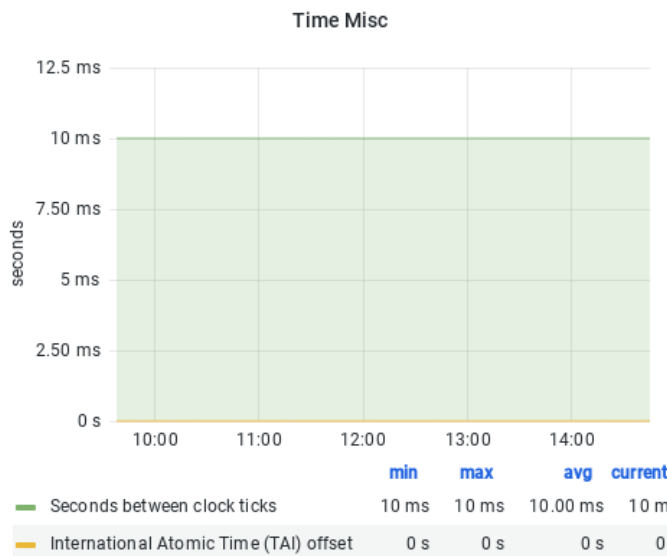
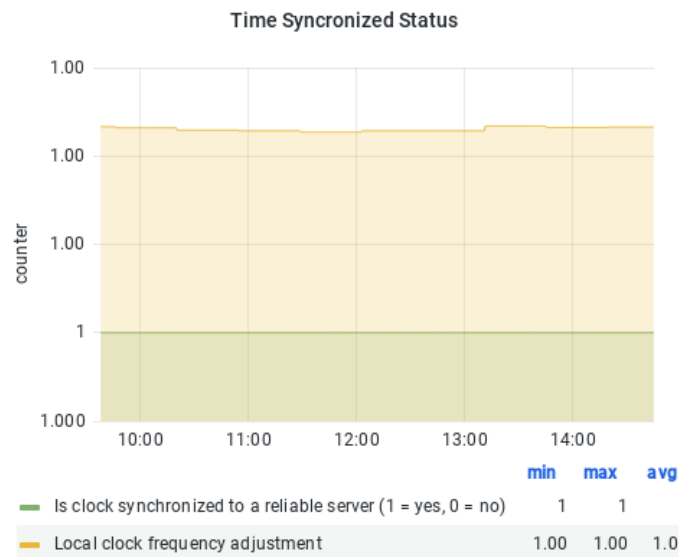
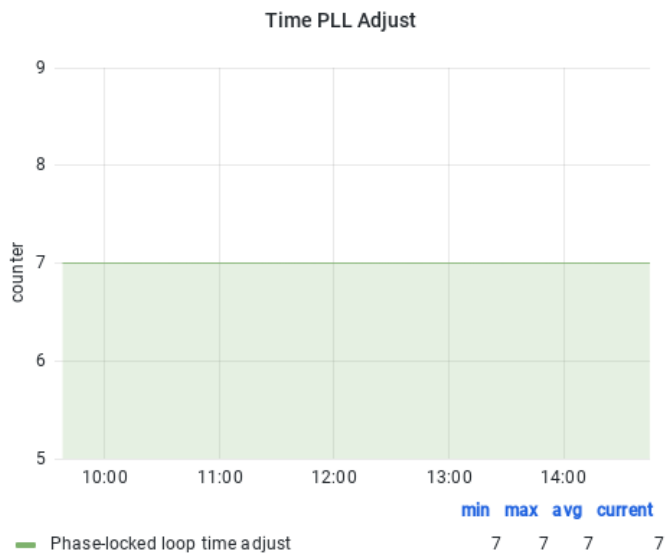
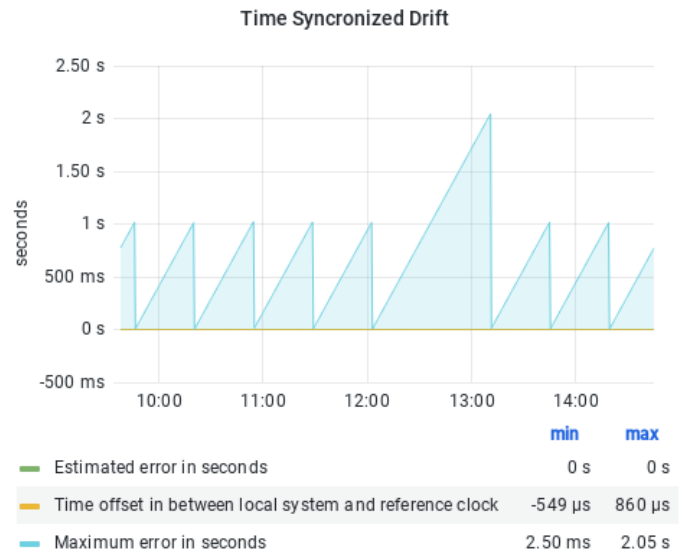
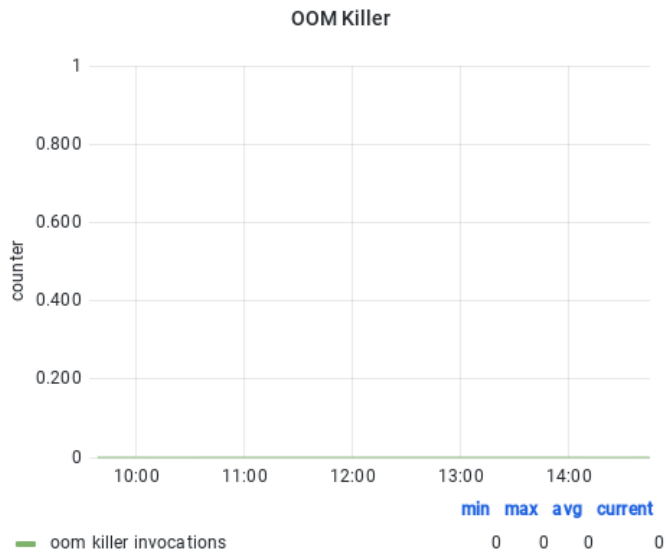


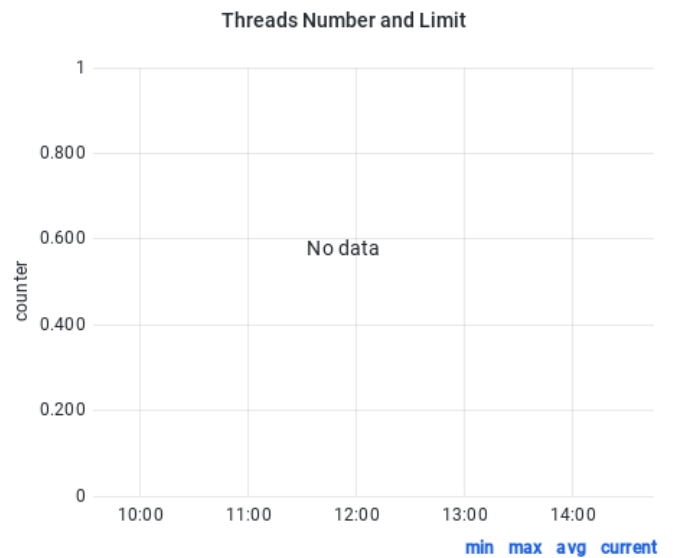
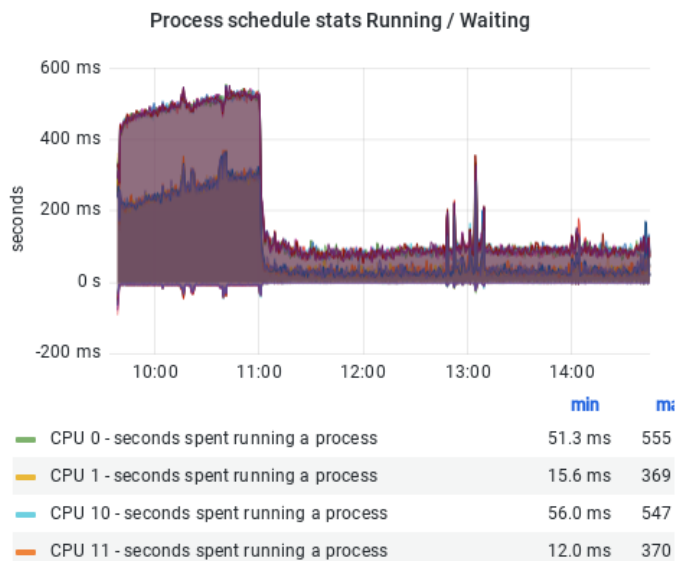
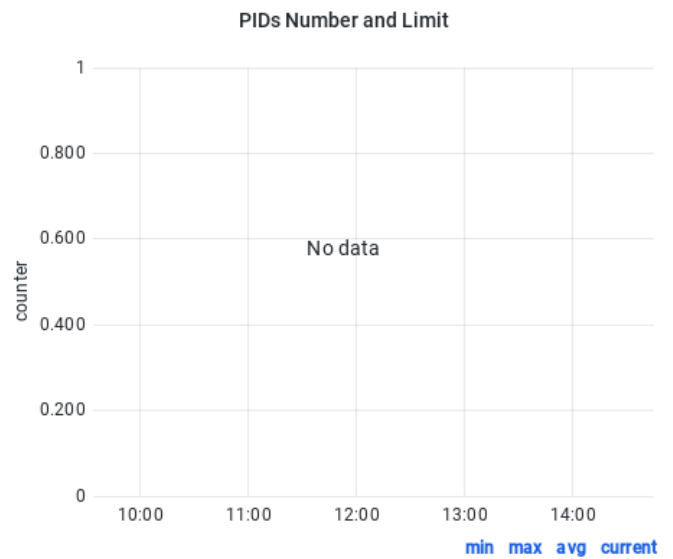
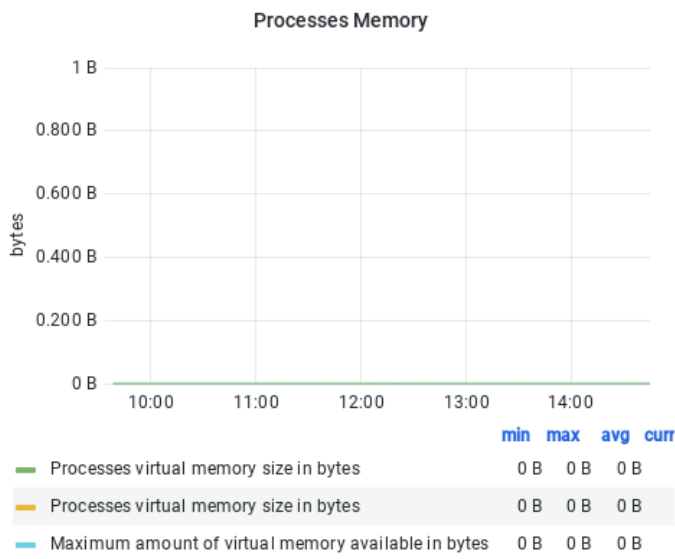
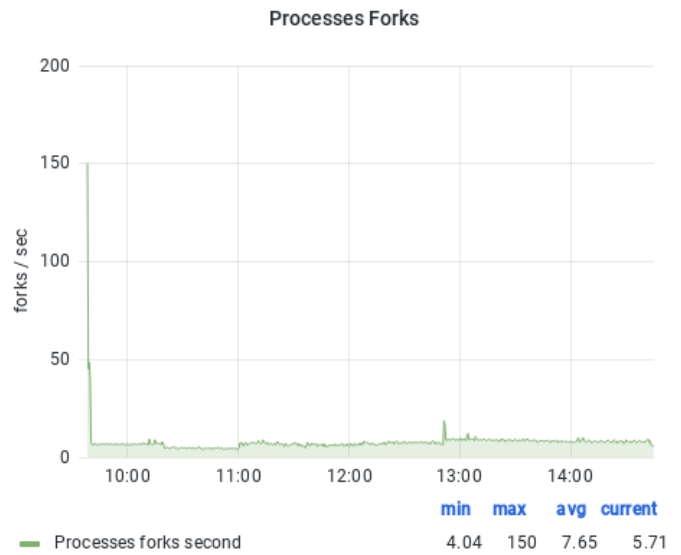
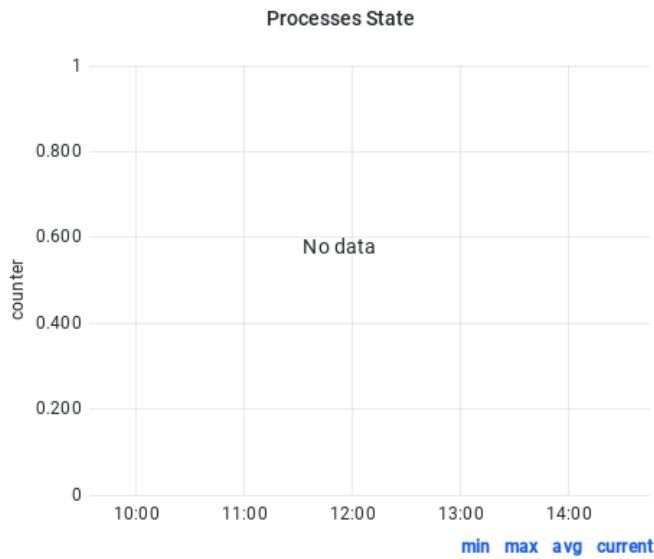
Memory Pages Swap In / Out



Memory Page Faults

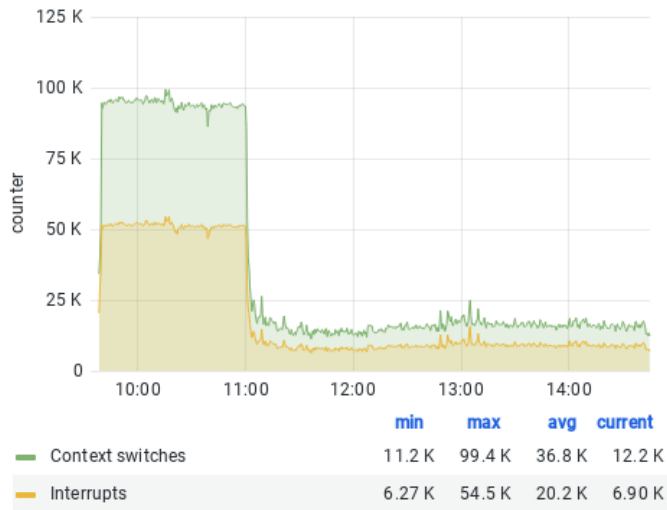




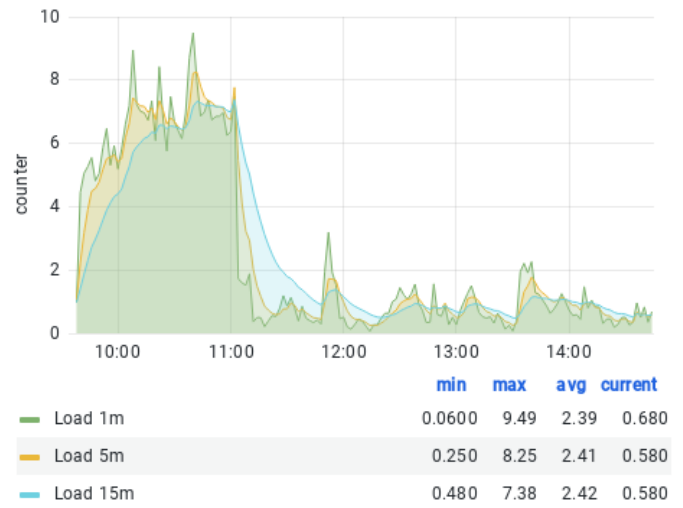




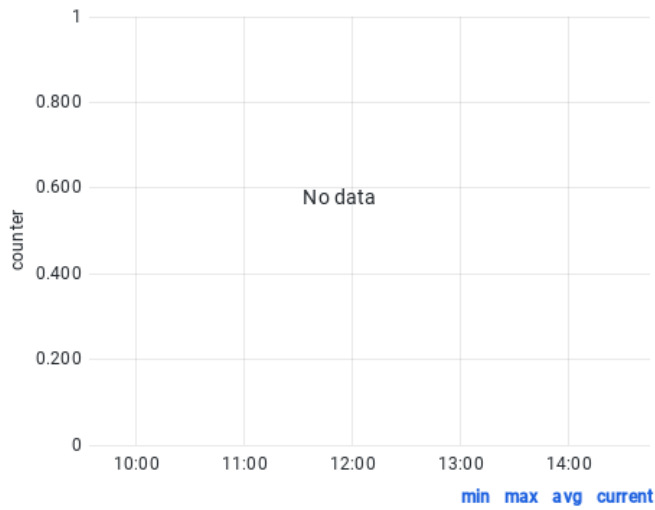
Context Switches / Interrupts



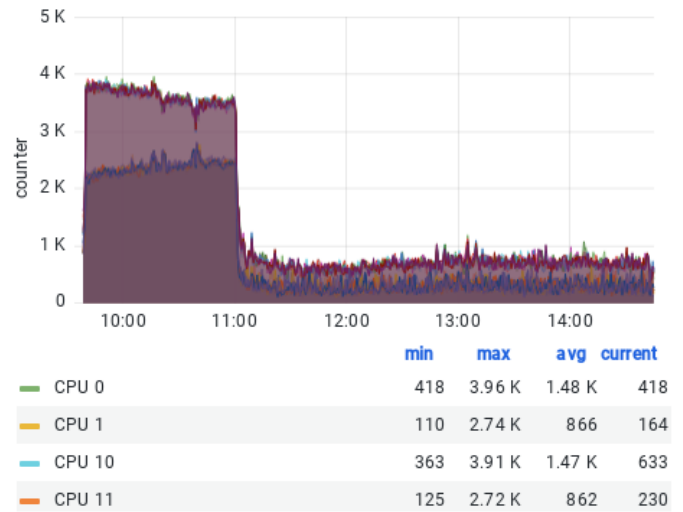
System Load



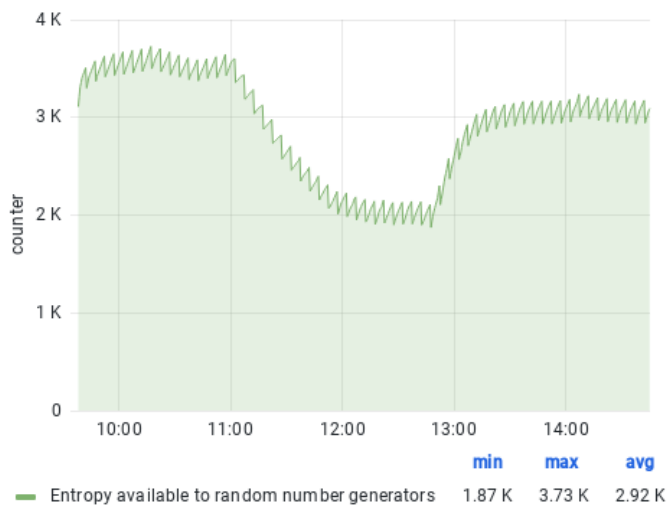
Interrupts Detail



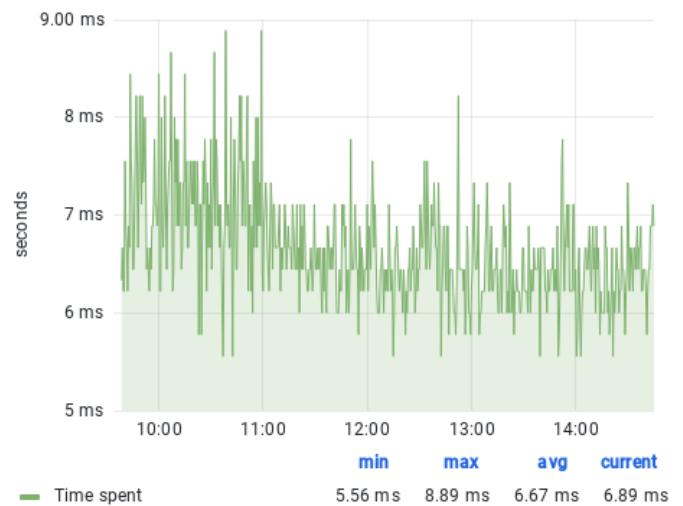
Schedule timeslices executed by each cpu



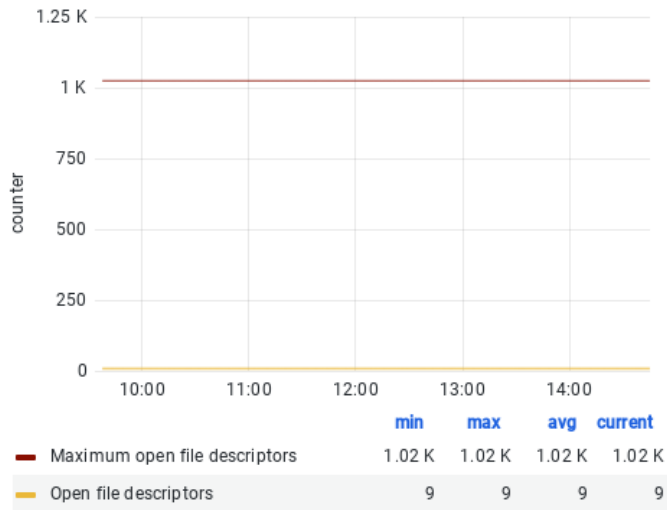
Entropy



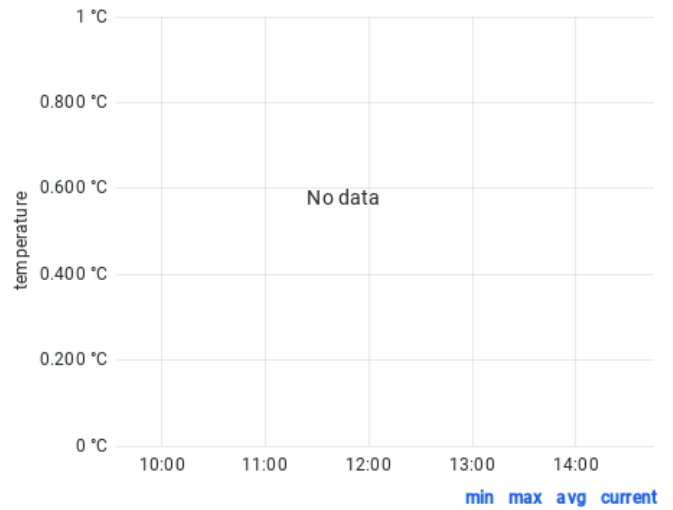
CPU time spent in user and system contexts



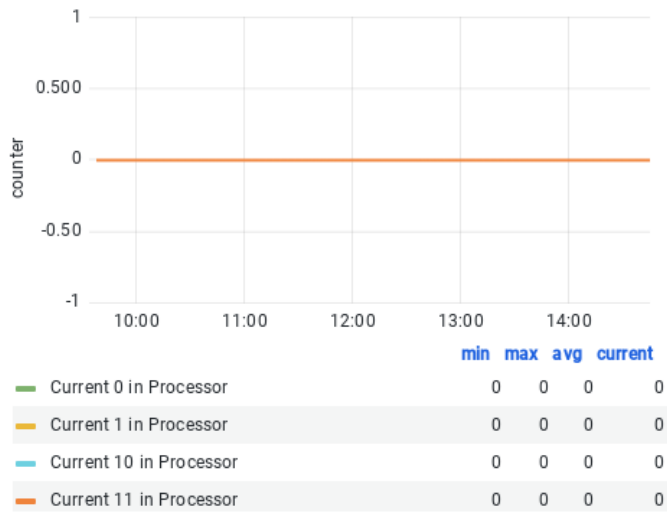
File Descriptors



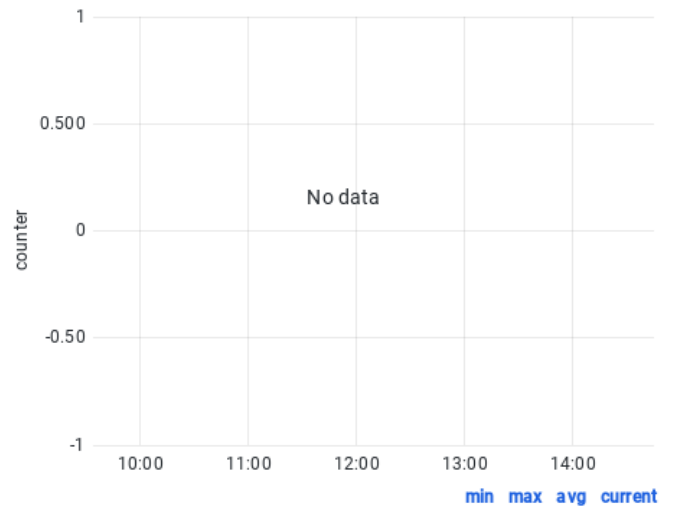
Hardware temperature monitor



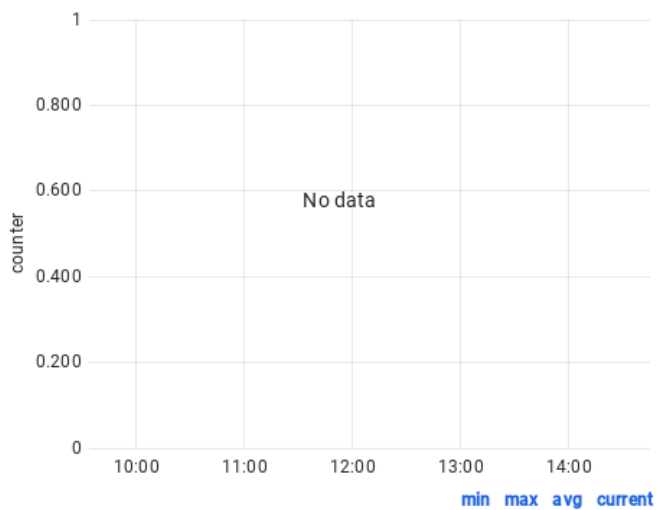
Throttle cooling device



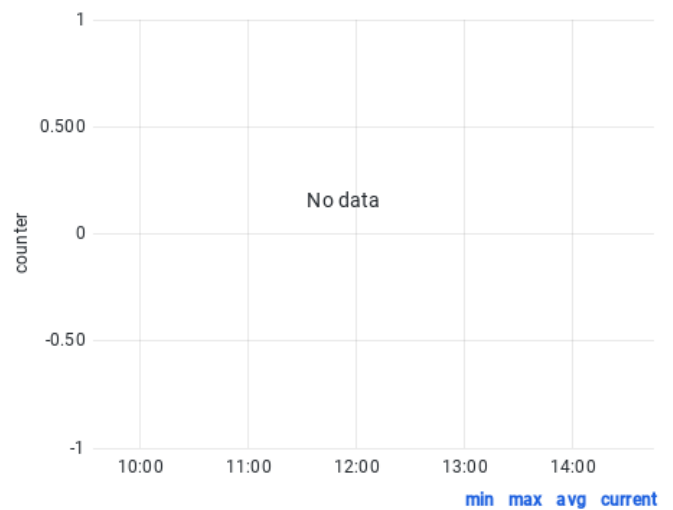
Power supply

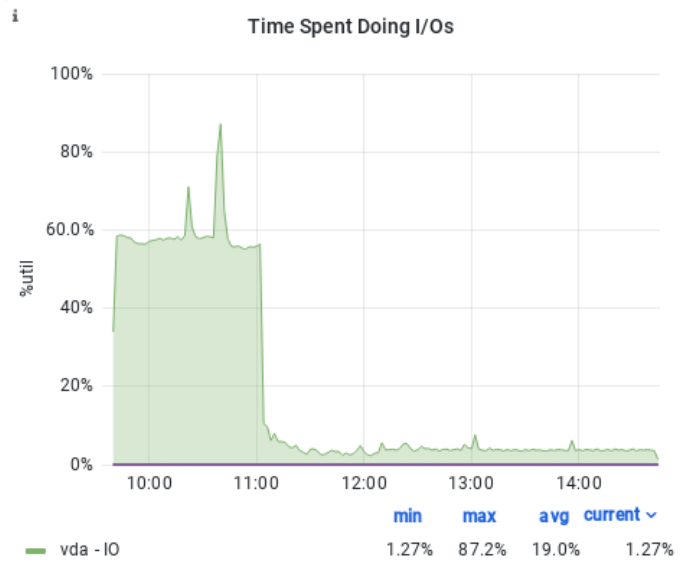
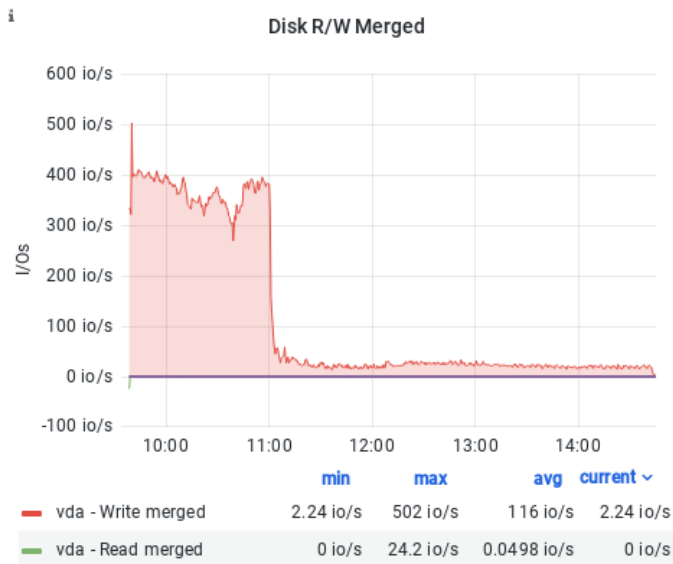
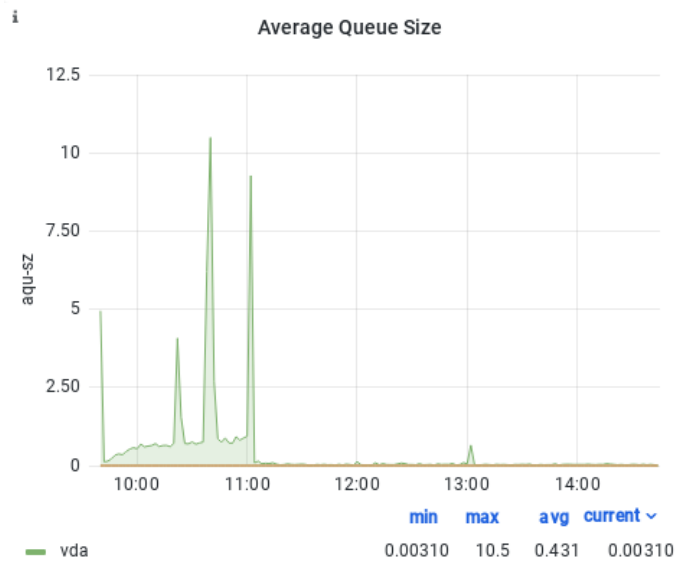
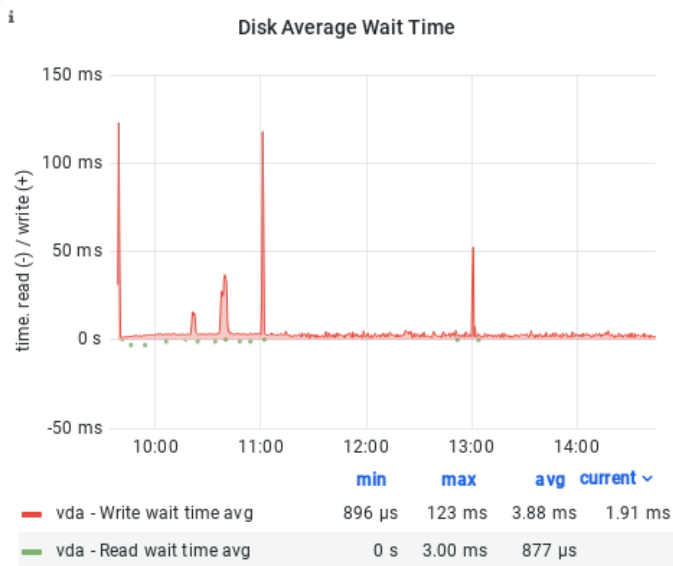
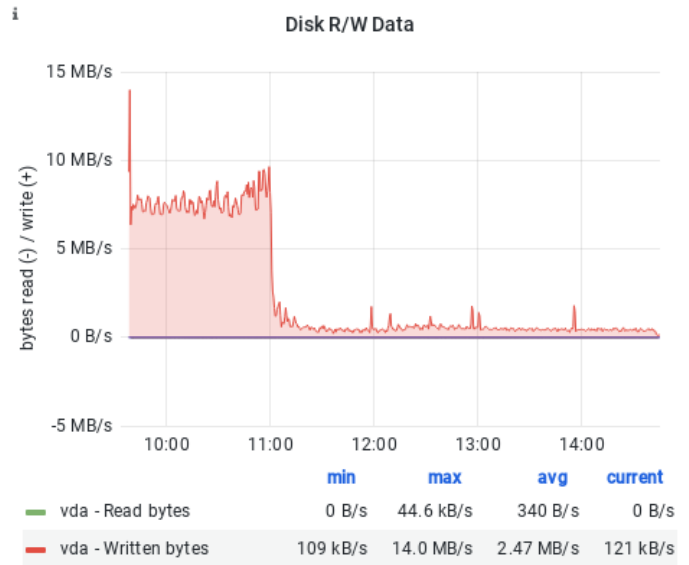
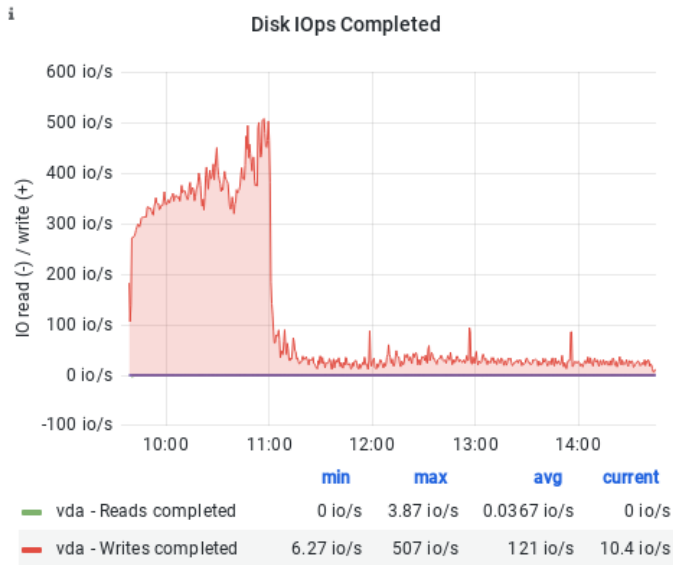


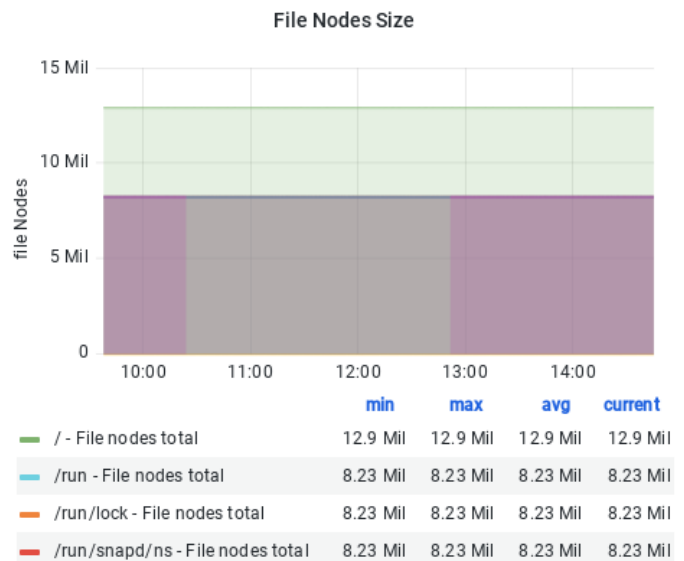
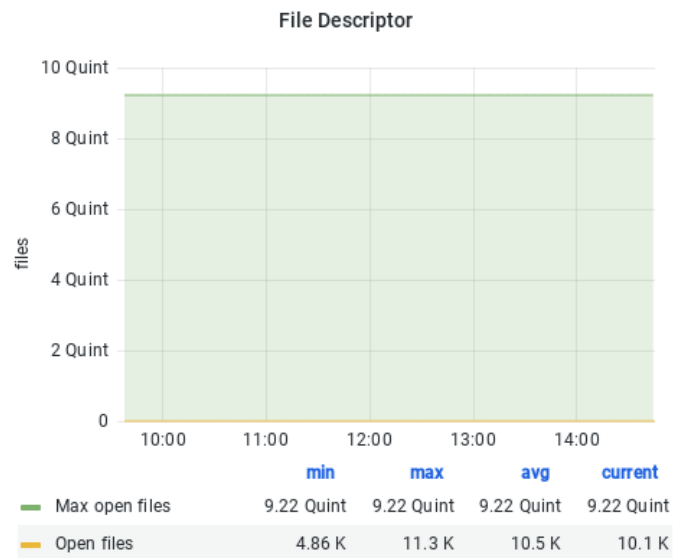
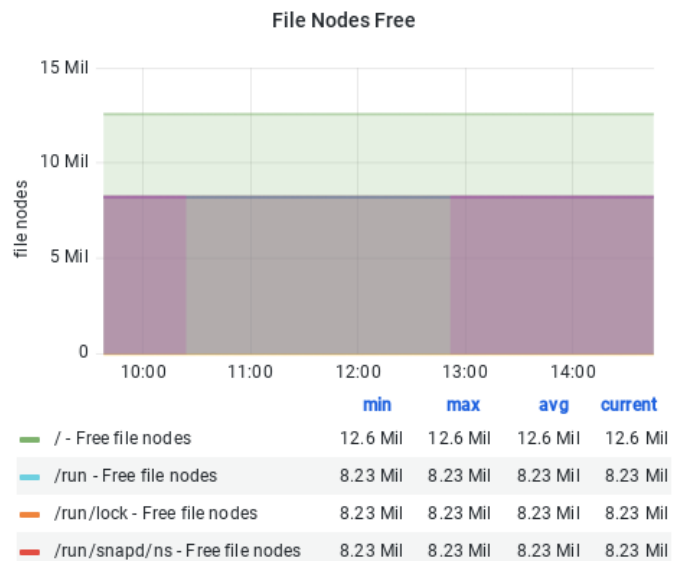
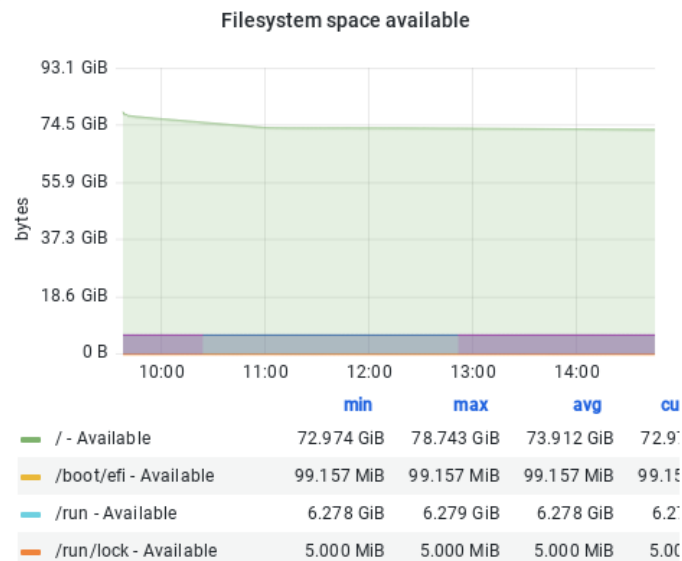
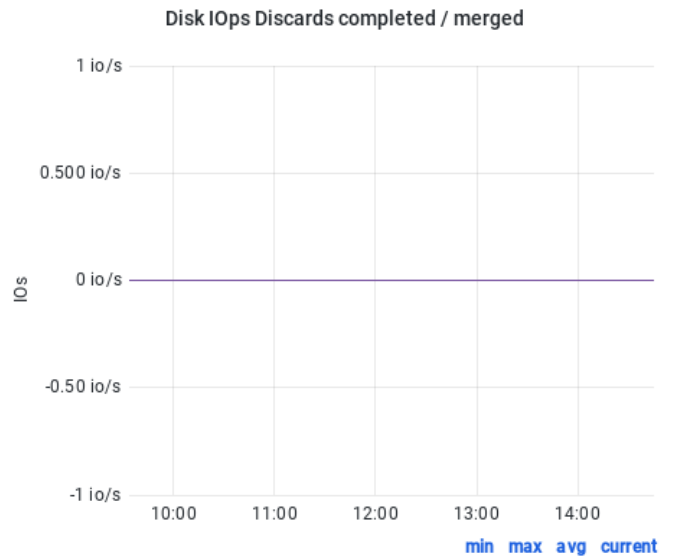
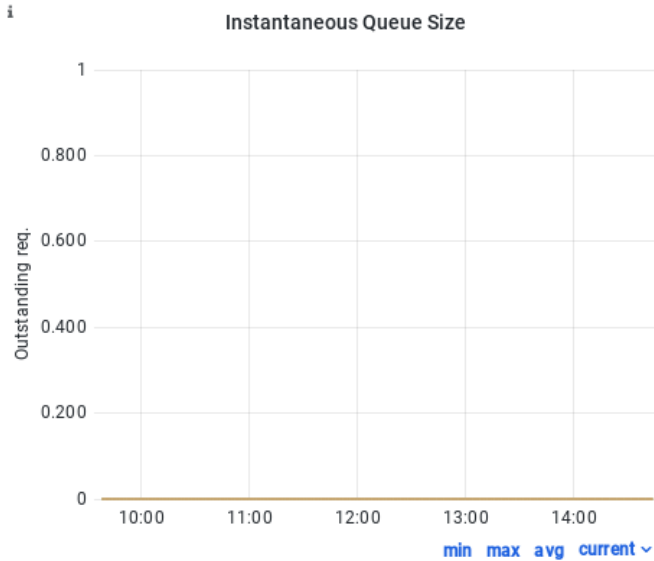
Systemd Sockets

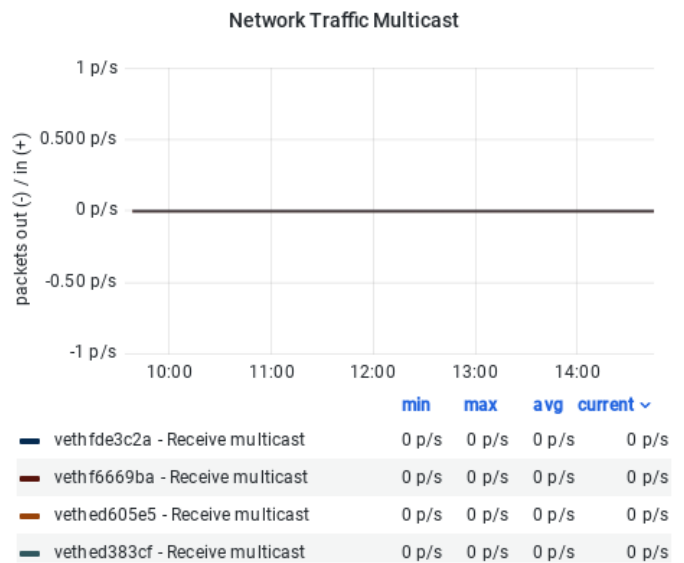
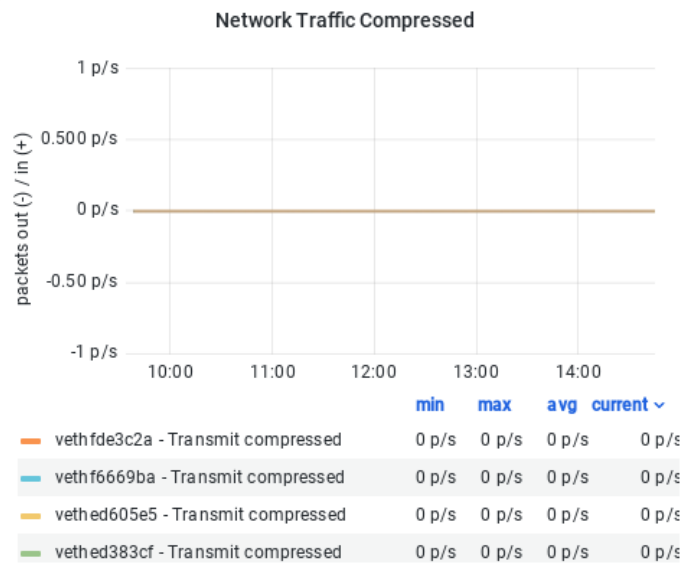
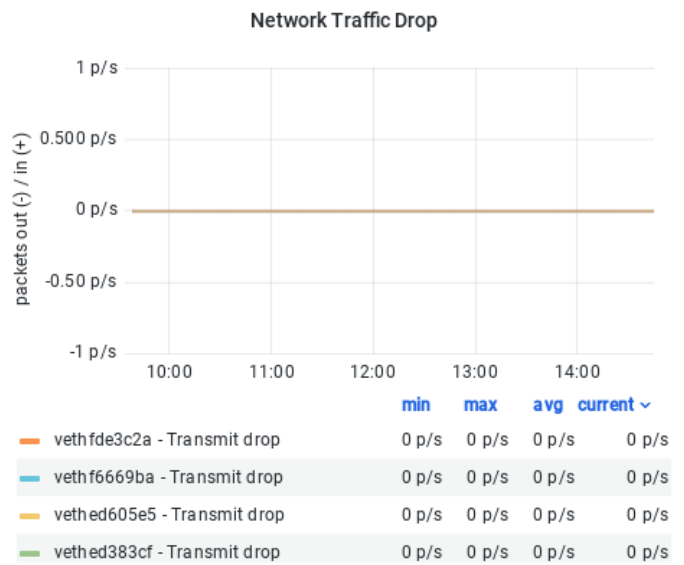
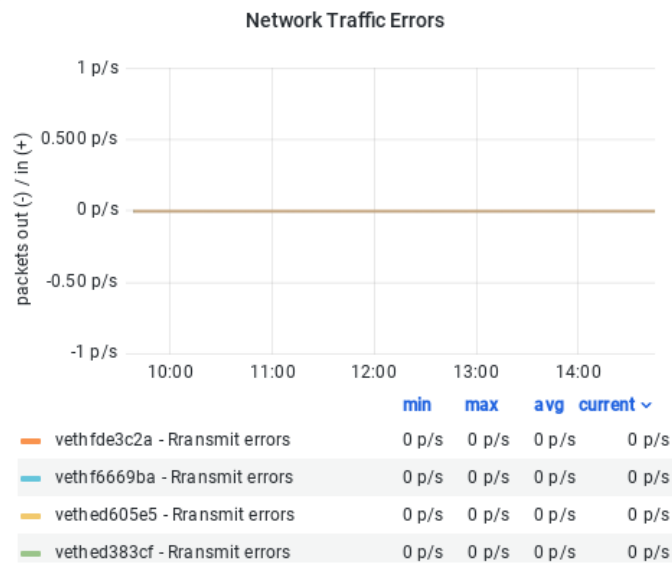
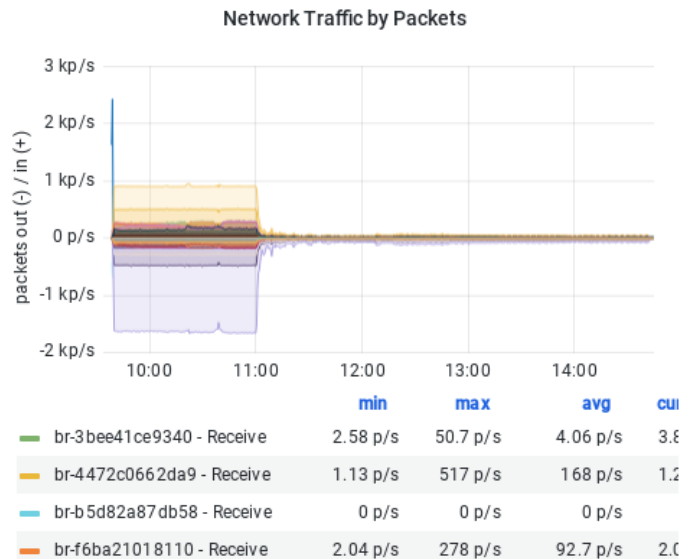
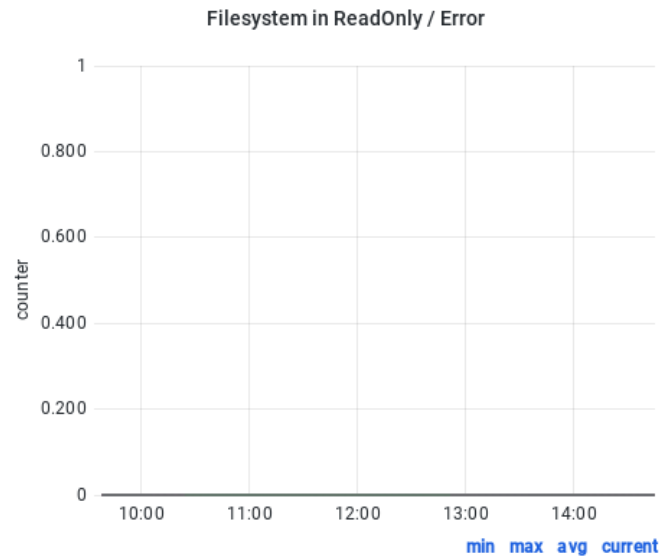


Systemd Units State

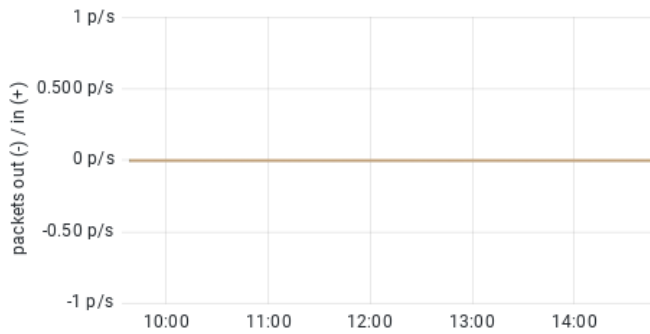






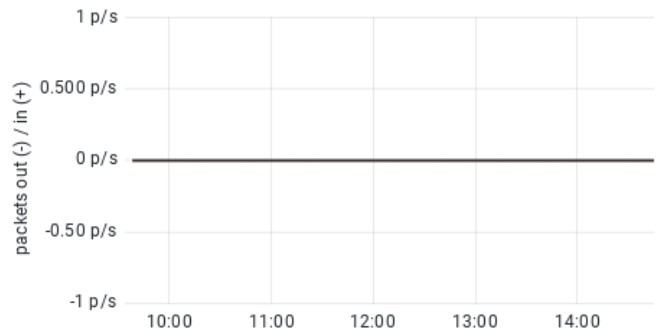


Network Traffic Fifo



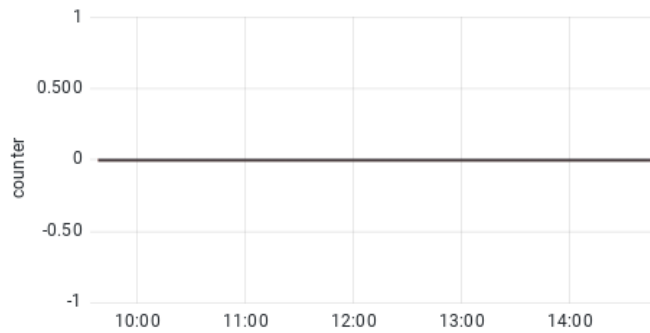
	min	max	avg	current
vethfde3c2a - Transmit fifo	0 p/s	0 p/s	0 p/s	0 p/s
vethf6669ba - Transmit fifo	0 p/s	0 p/s	0 p/s	0 p/s
vethed605e5 - Transmit fifo	0 p/s	0 p/s	0 p/s	0 p/s
vethed383cf - Transmit fifo	0 p/s	0 p/s	0 p/s	0 p/s

Network Traffic Frame



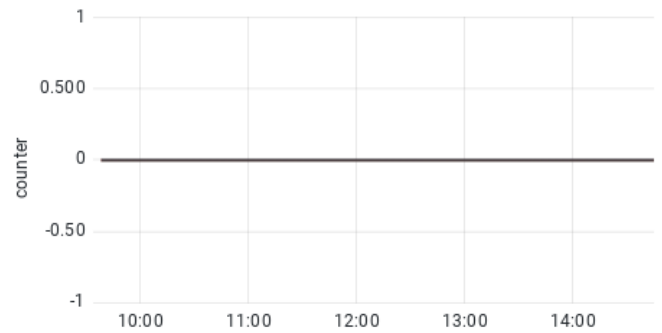
	min	max	avg	current
vethfde3c2a - Receive frame	0 p/s	0 p/s	0 p/s	0 p/s
vethf6669ba - Receive frame	0 p/s	0 p/s	0 p/s	0 p/s
vethed605e5 - Receive frame	0 p/s	0 p/s	0 p/s	0 p/s
vethed383cf - Receive frame	0 p/s	0 p/s	0 p/s	0 p/s

Network Traffic Carrier



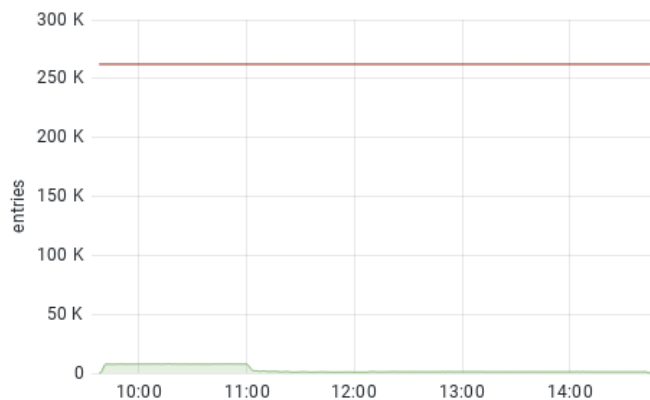
	min	max	avg	current
vethfde3c2a - Statistic transmit_carrier	0	0	0	0
vethf6669ba - Statistic transmit_carrier	0	0	0	0
vethed605e5 - Statistic transmit_carrier	0	0	0	0
vethed383cf - Statistic transmit_carrier	0	0	0	0

Network Traffic Colls



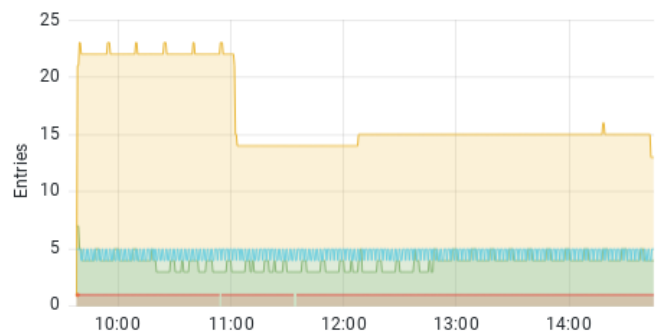
	min	max	avg	current
vethfde3c2a - Transmit colls	0	0	0	0
vethf6669ba - Transmit colls	0	0	0	0
vethed605e5 - Transmit colls	0	0	0	0
vethed383cf - Transmit colls	0	0	0	0

NF Contrack



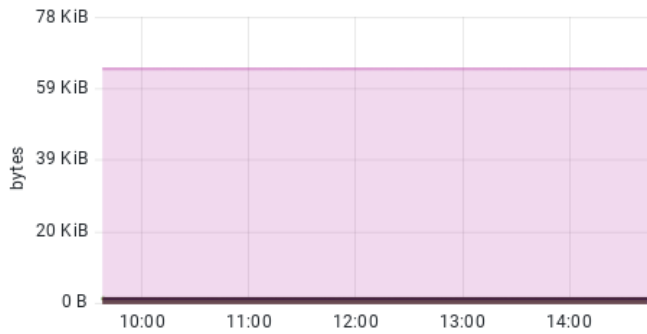
	min	max	avg	current
NF conntrack entries	103	7.91 K	2.82 K	134
NF conntrack limit	262 K	262 K	262 K	262 K

ARP Entries



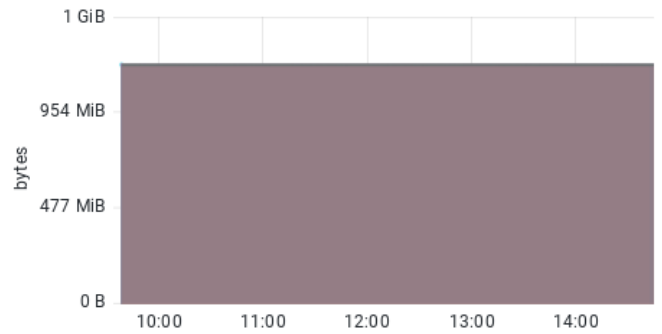
	min	max	avg	current
br-3bee41ce9340 - ARP entries	3	7	3.81	4
br-4472c0662da9 - ARP entries	1	23	16.7	13
br-f6ba21018110 - ARP entries	4	5	4.65	5
docker0 - ARP entries	1	1	1	1

MTU



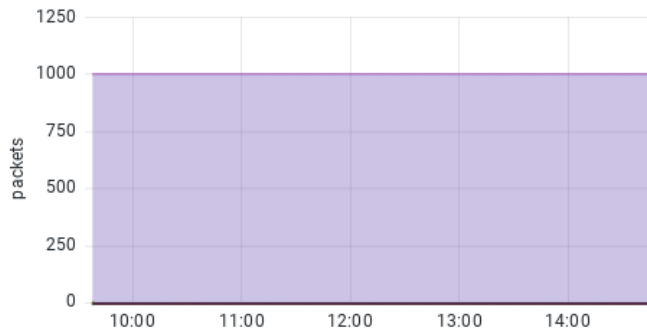
	min	max	avg	current
br-3bee41ce9340 - Bytes	1.5 KiB	1.5 KiB	1.5 KiB	1.5 KiB
br-4472c0662da9 - Bytes	1.5 KiB	1.5 KiB	1.5 KiB	1.5 KiB
br-b5d82a87db58 - Bytes	1.5 KiB	1.5 KiB	1.5 KiB	1.5 KiB
br-f6ba21018110 - Bytes	1.5 KiB	1.5 KiB	1.5 KiB	1.5 KiB

Speed



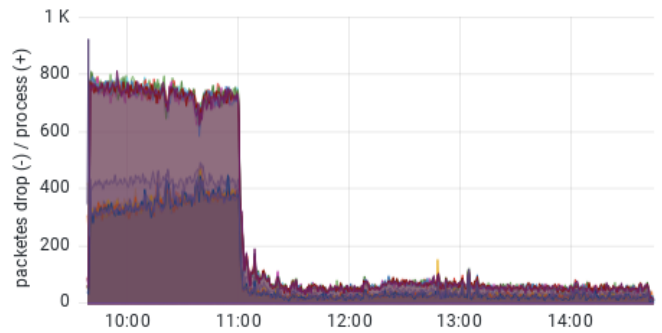
	min	max	avg	current
ens3 - Speed	-122.1 KiB	-122.1 KiB	-122.1 KiB	-122.1 KiB
veth052b79a - Speed	1.2 GiB	1.2 GiB	1.2 GiB	1.2 GiB
veth0796888 - Speed	1.2 GiB	1.2 GiB	1.2 GiB	1.2 GiB
veth0cad7a8 - Speed	1.2 GiB	1.2 GiB	1.2 GiB	1.2 GiB

Queue Length



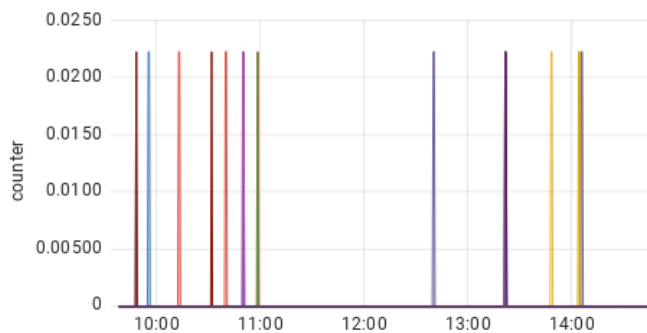
	min	max	a
br-3bee41ce9340 - Interface transmit queue length	0	0	
br-4472c0662da9 - Interface transmit queue length	0	0	
br-b5d82a87db58 - Interface transmit queue length	0	0	
br-f6ba21018110 - Interface transmit queue length	0	0	

Softnet Packets



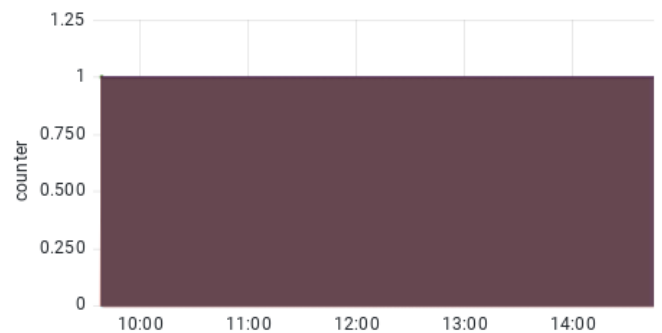
	min	max	avg	current
CPU 12 - Processed	12.4	804	240	17.1
CPU 10 - Processed	5.98	790	239	16.0
CPU 8 - Processed	11	813	239	15.0
CPU 2 - Processed	7.11	809	241	11

Softnet Out of Quota



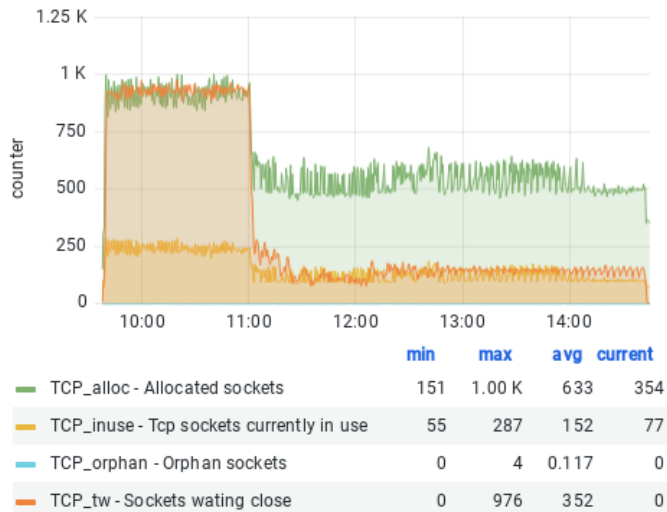
	min	max	avg	current
CPU 9 - Squeezed	0	0	0	0
CPU 8 - Squeezed	0	0.0222	0.0000724	0
CPU 7 - Squeezed	0	0.0222	0.0000724	0
CPU 6 - Squeezed	0	0.0222	0.0000724	0

Network Operational Status

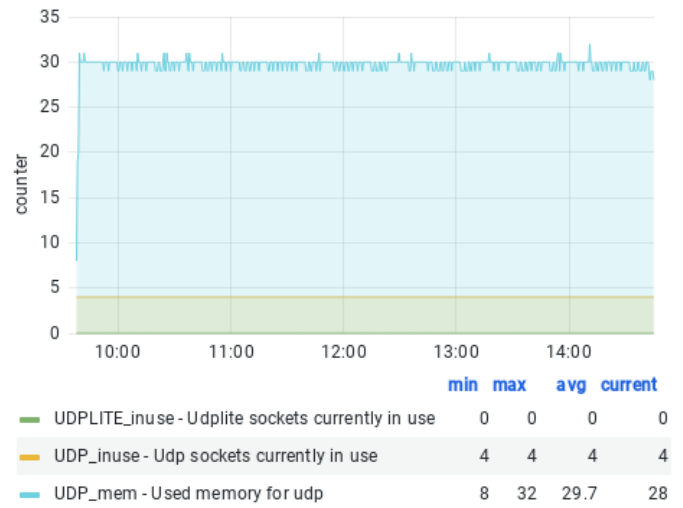


	min	max	avg	current
vethfde3c2a - Physical link state	1	1	1	1
vethf6669ba - Physical link state	1	1	1	1
vethed605e5 - Physical link state	1	1	1	1
vethed383cf - Physical link state	1	1	1	1

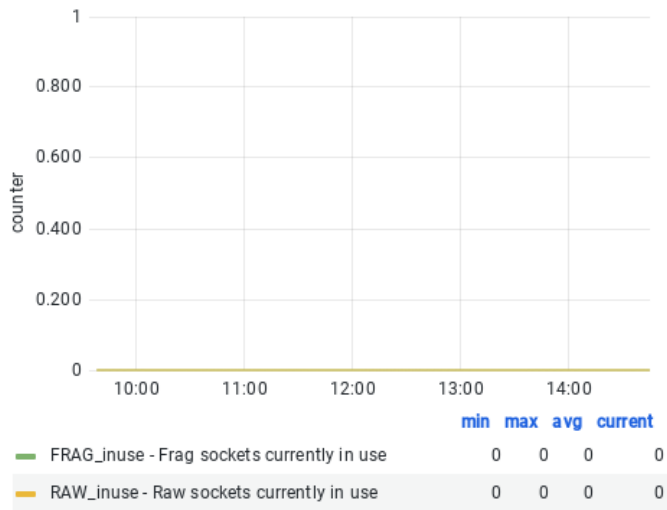
Sockstat TCP



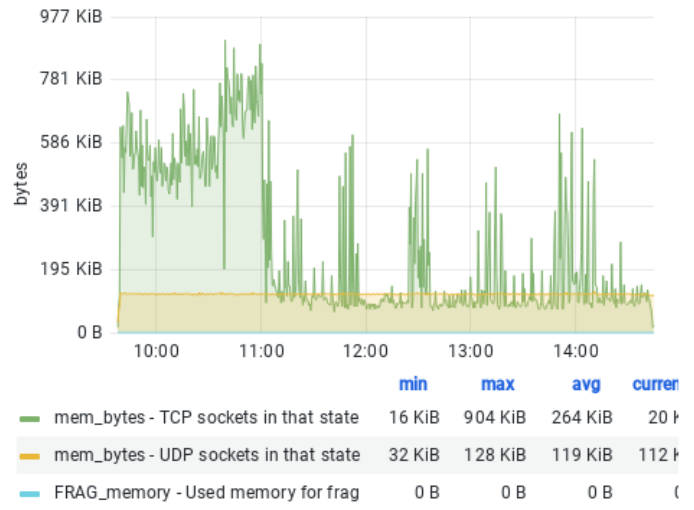
Sockstat UDP



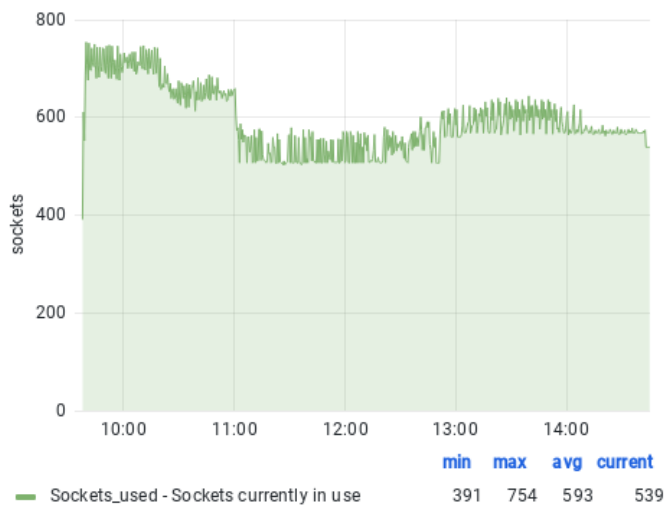
Sockstat FRAG / RAW



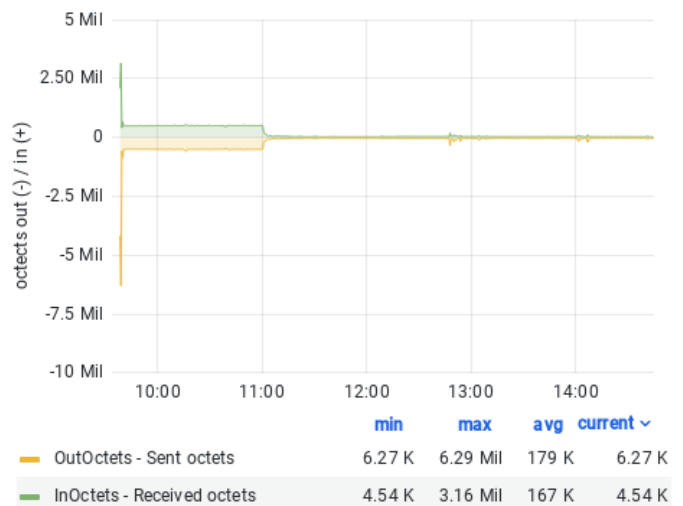
Sockstat Memory Size



Sockstat Used

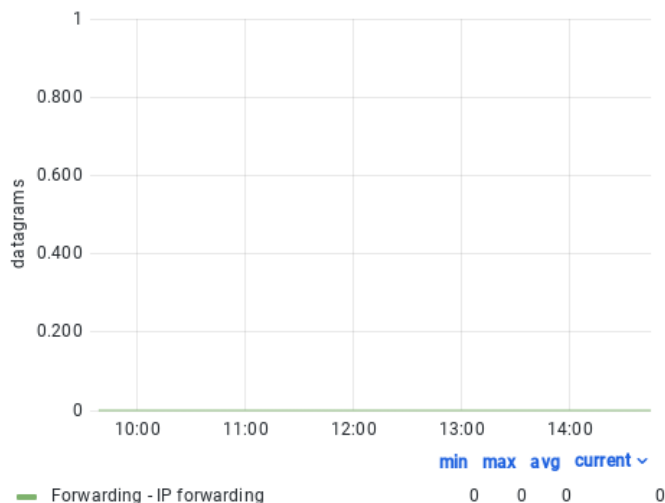


Netstat IP In / Out Octets

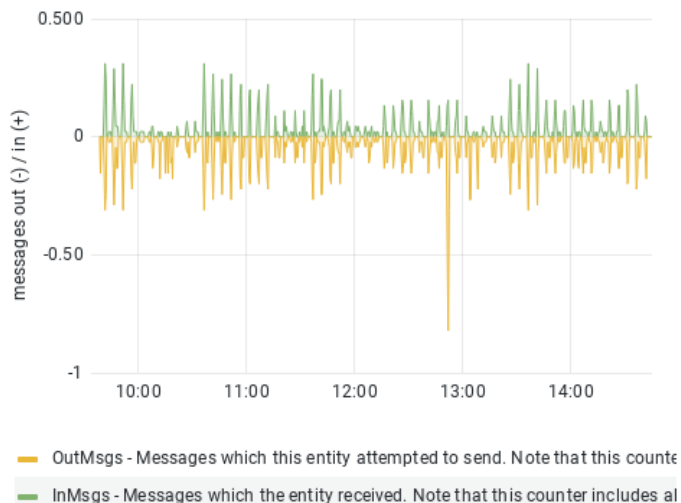




Netstat IP Forwarding



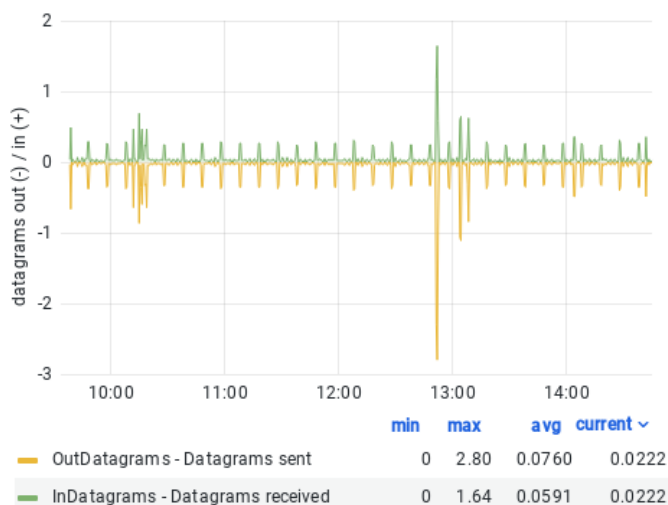
ICMP In / Out



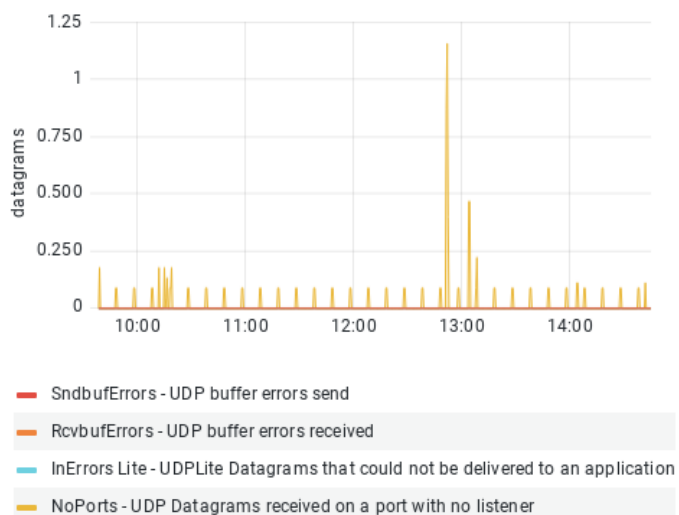
ICMP Errors



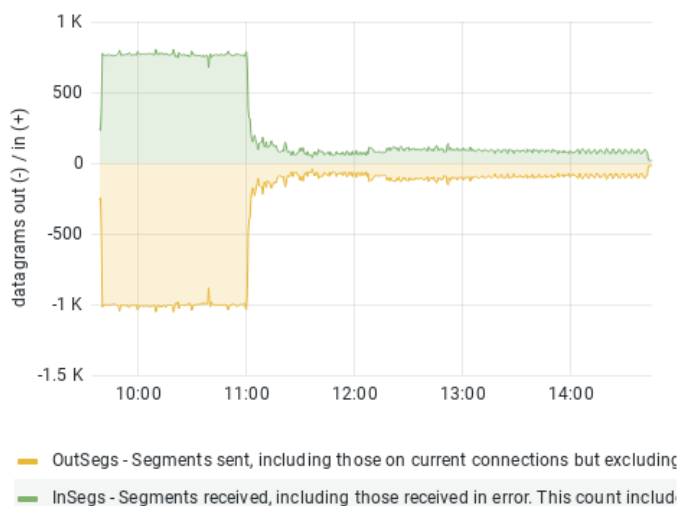
UDP In / Out



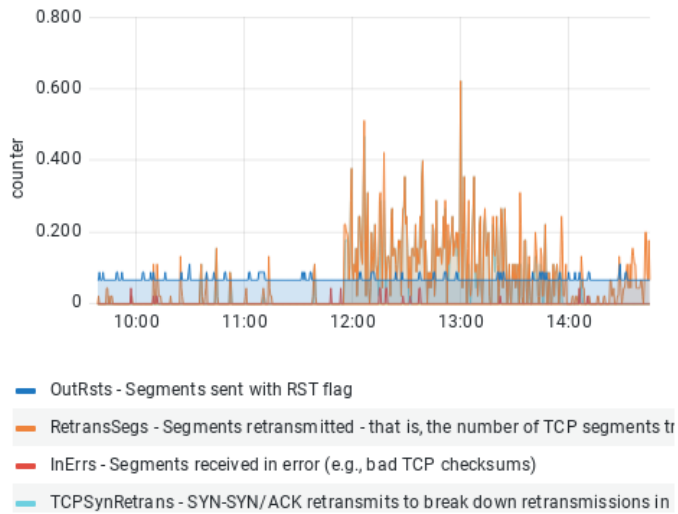
UDP Errors



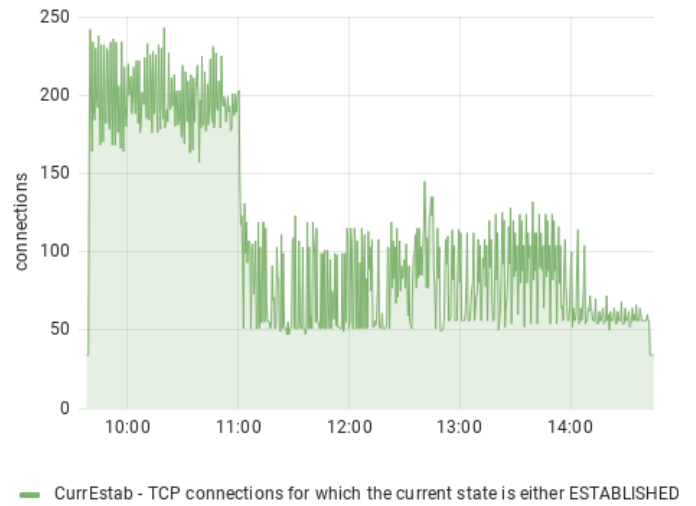
TCP In / Out



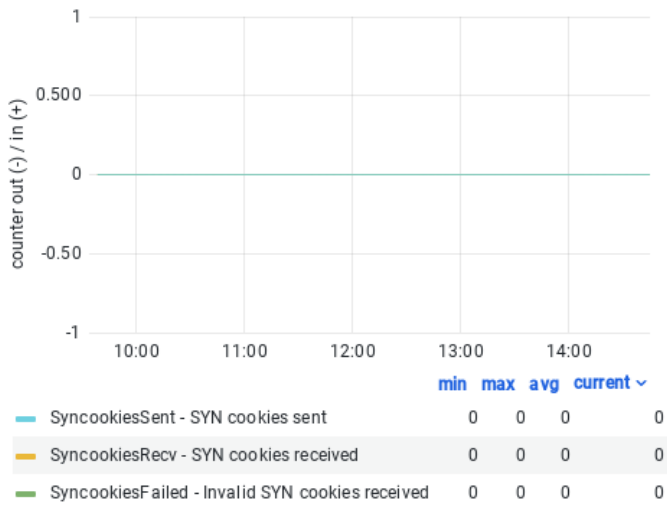
TCP Errors



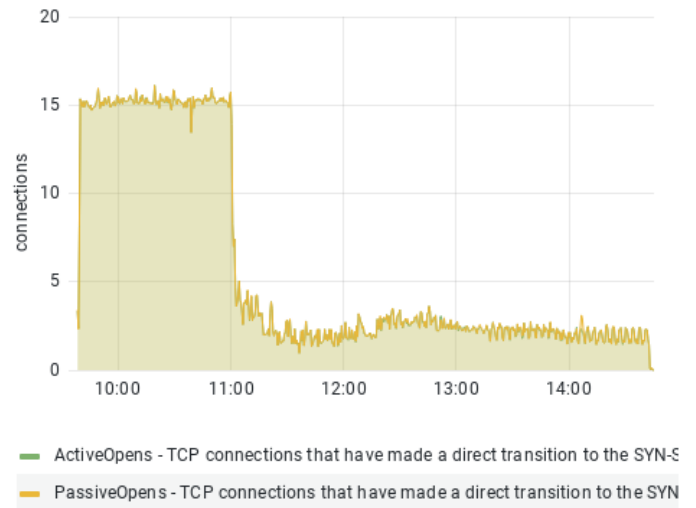
TCP Connections



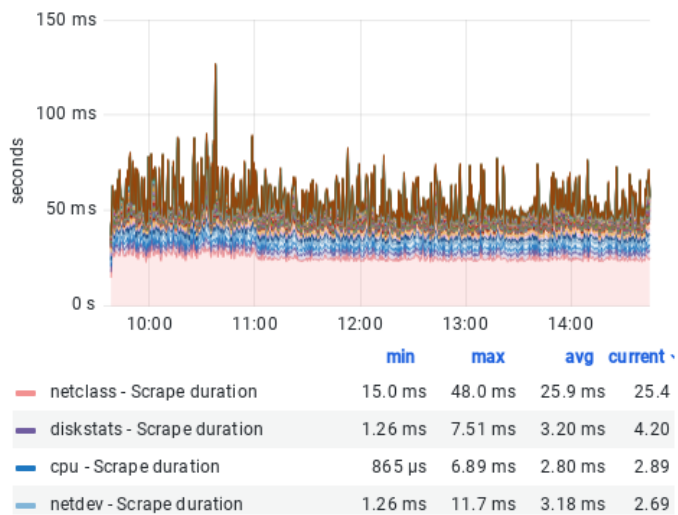
TCP SynCookie



TCP Direct Transition



Node Exporter Scrape Time



Node Exporter Scrape

