

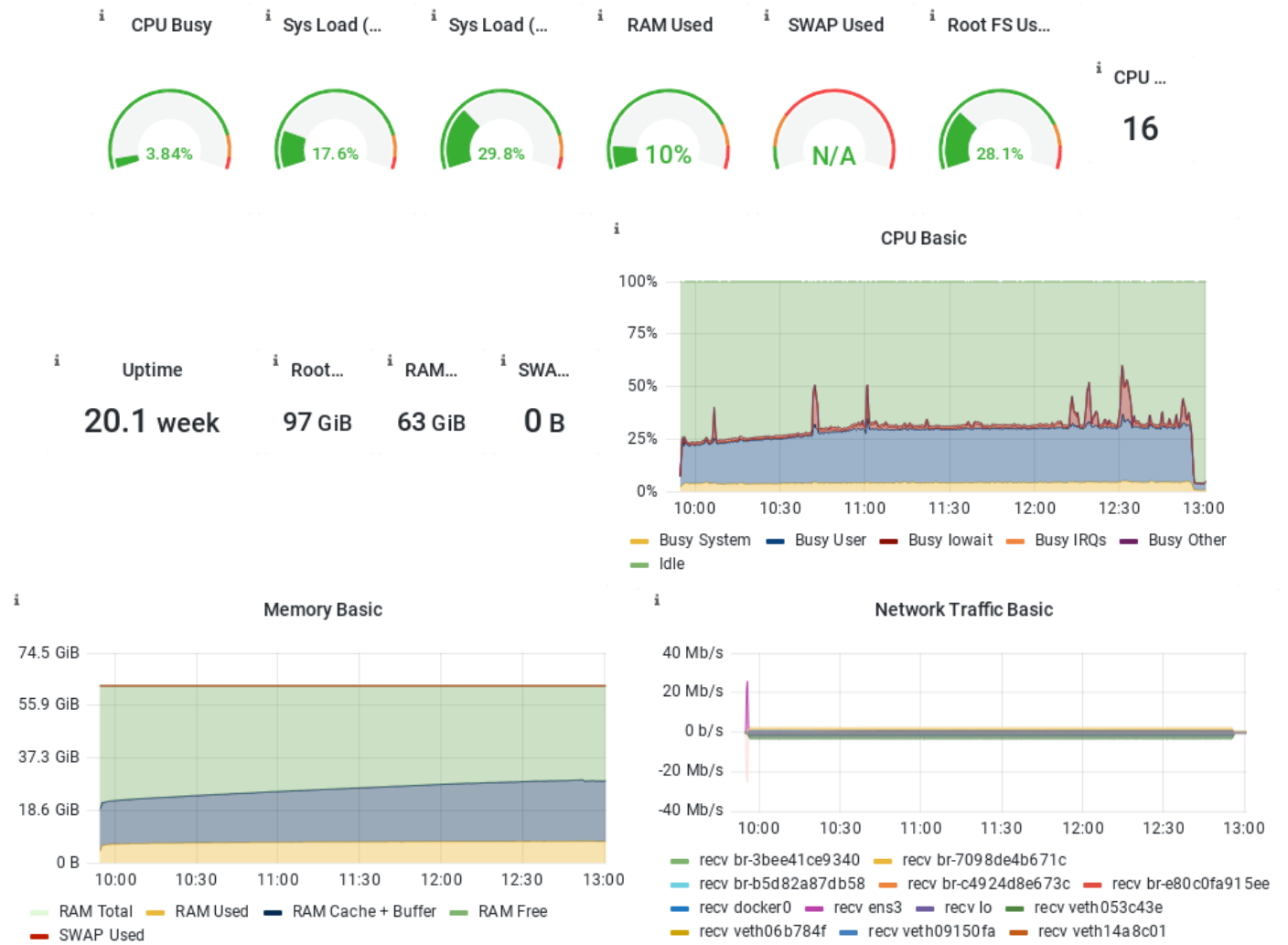
# Host Metrics

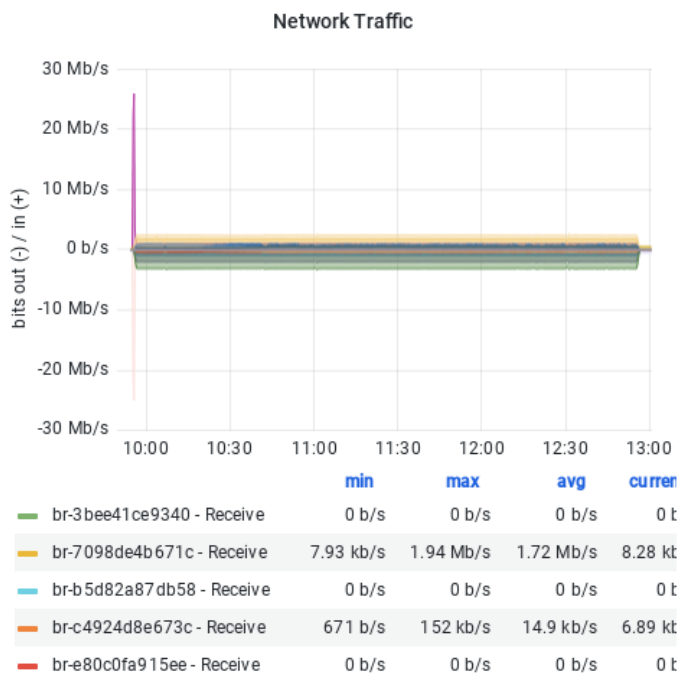
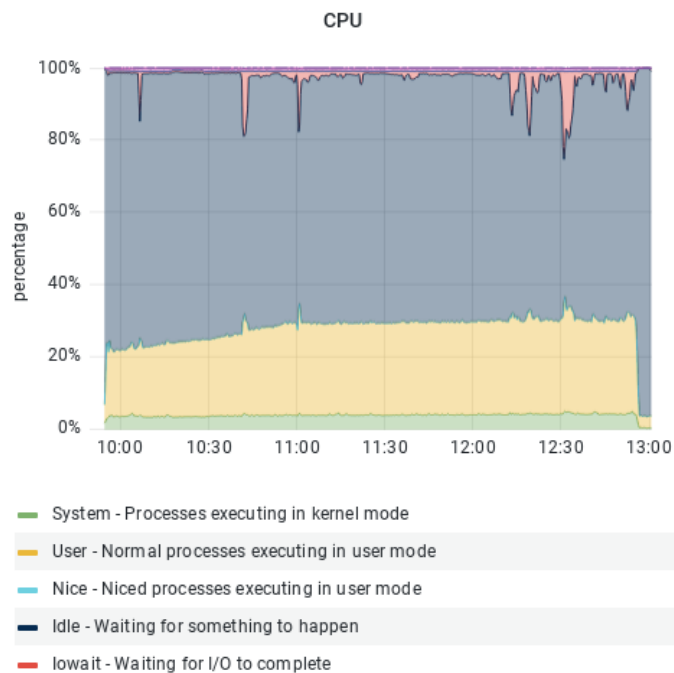
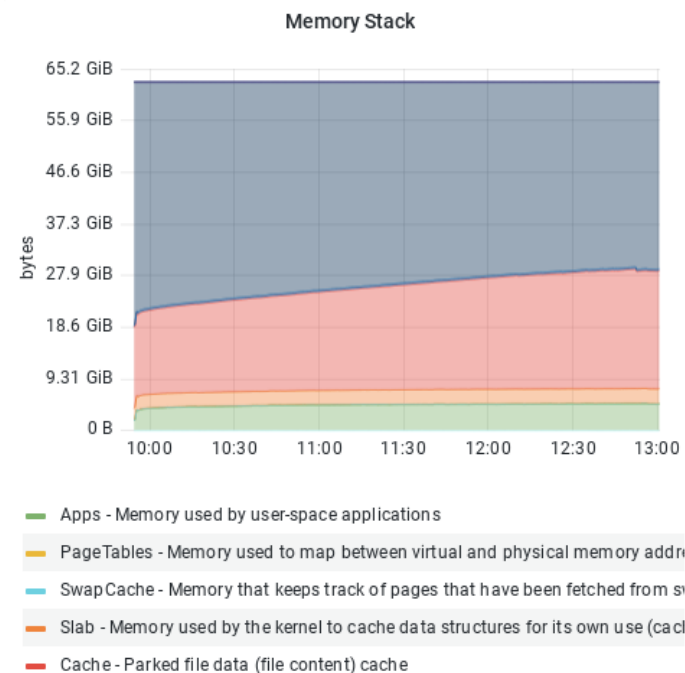
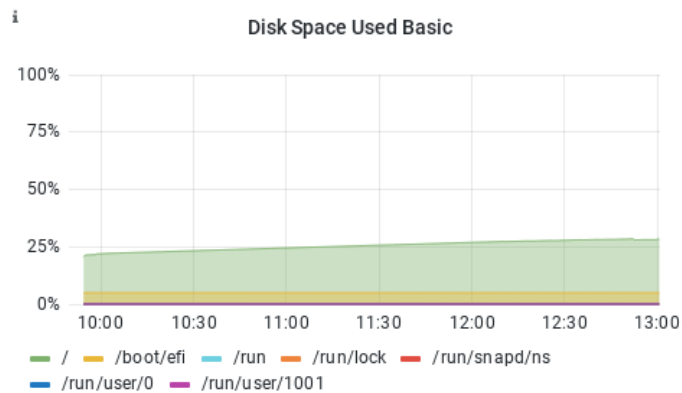
The dashboard visualizes host metrics collected by node\_exporter. (based on: <https://grafana.com/grafana/dashboards/1860>)

Wed Mar 2 09:49:35 UTC 2022

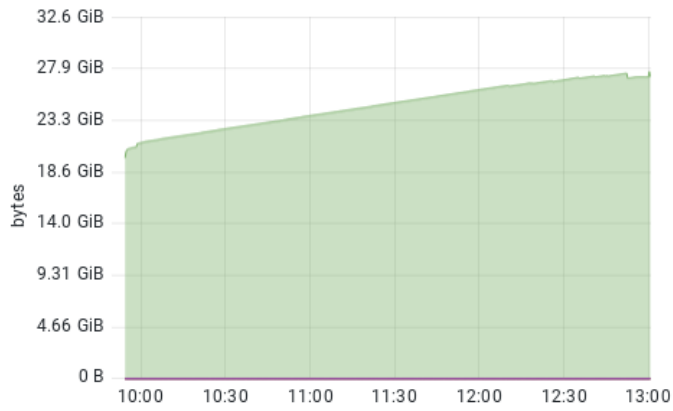
to

Wed Mar 2 13:00:54 UTC 2022

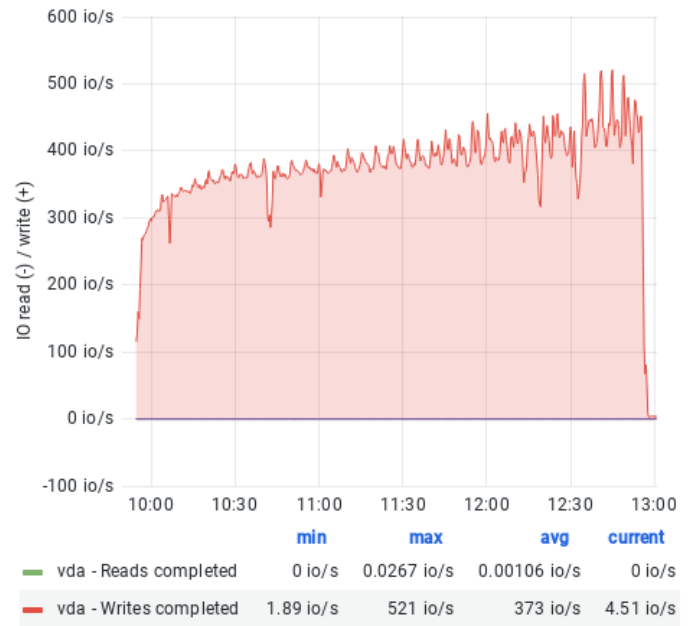




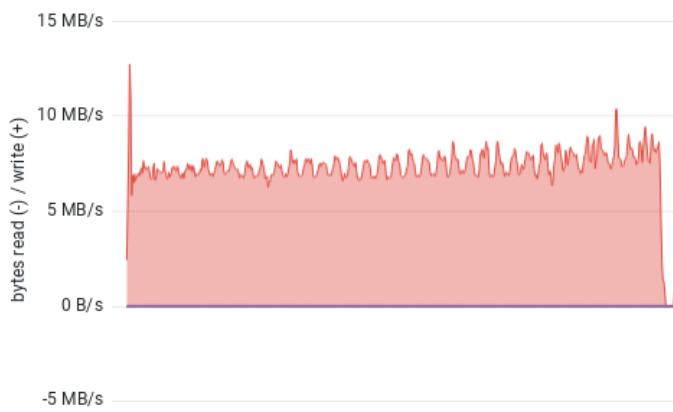
Disk Space Used



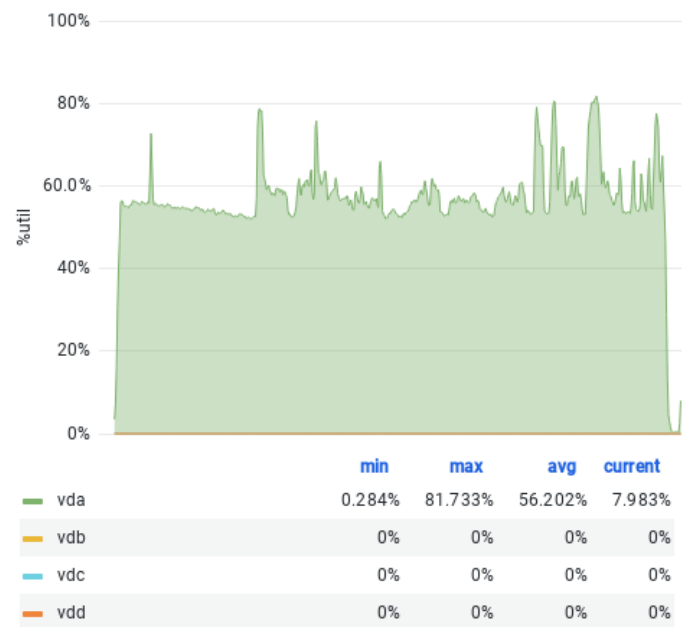
Disk IOps



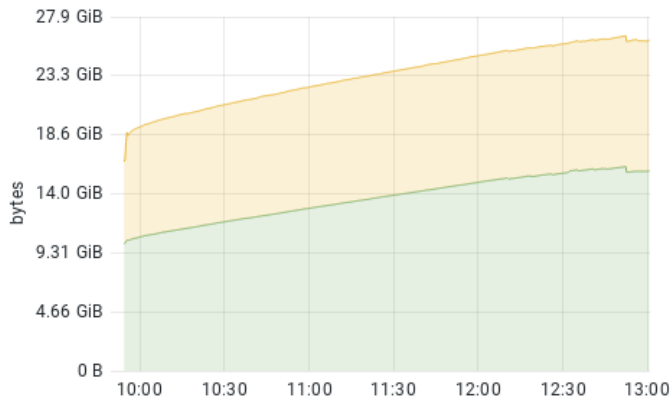
I/O Usage Read / Write



I/O Utilization



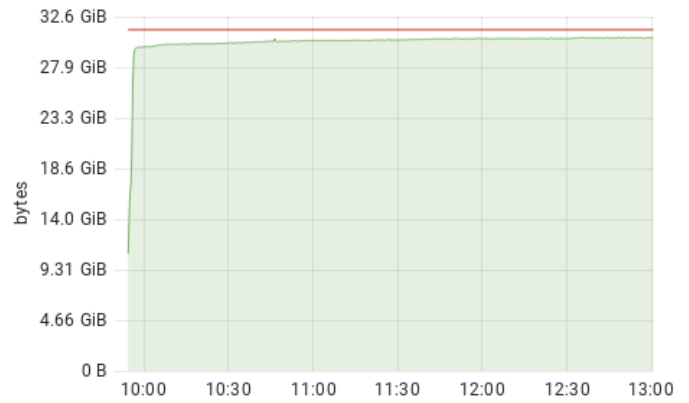
Memory Active / Inactive



— 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

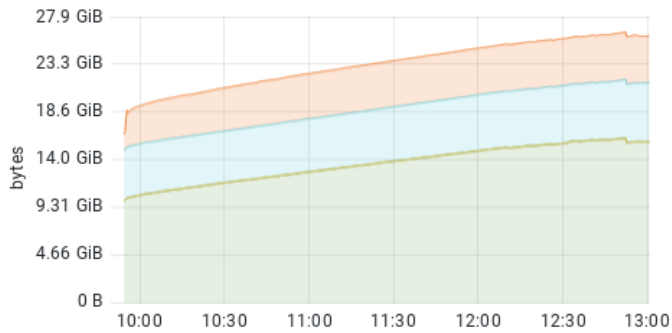
Memory Committed



— 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



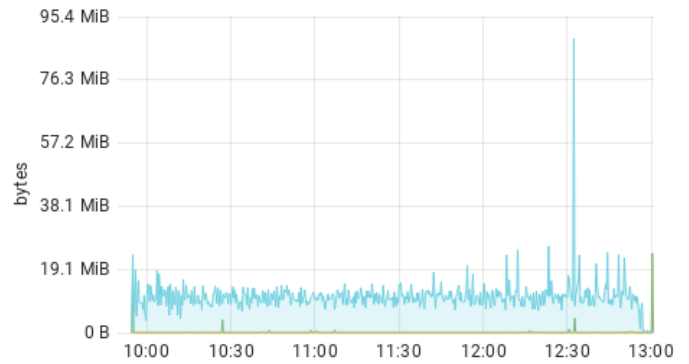
— Inactive\_file - File-backed memory on inactive LRU list

— 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

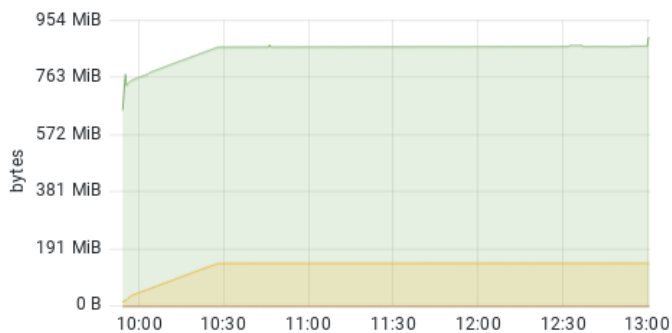


— Writeback - Memory which is actively being written back to disk

— WritebackTmp - Memory used by FUSE for temporary writeback buffers

— Dirty - Memory which is waiting to get written back to the disk 24.0

Memory Shared and Mapped



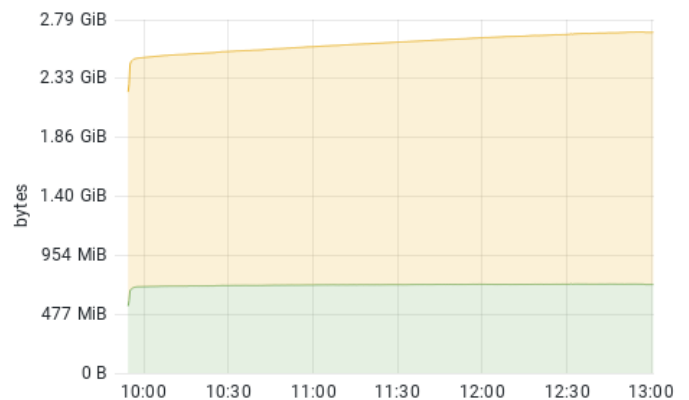
— Mapped - Used memory in mapped pages files which have been mmaped, such

— 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

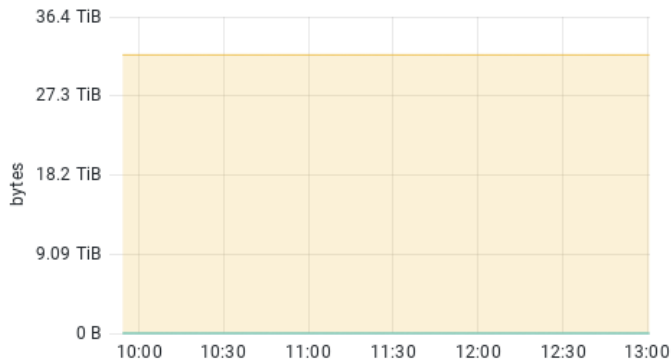
Memory Slab



— SUnreclaim - Part of Slab, that cannot be reclaimed on memory pressure 54

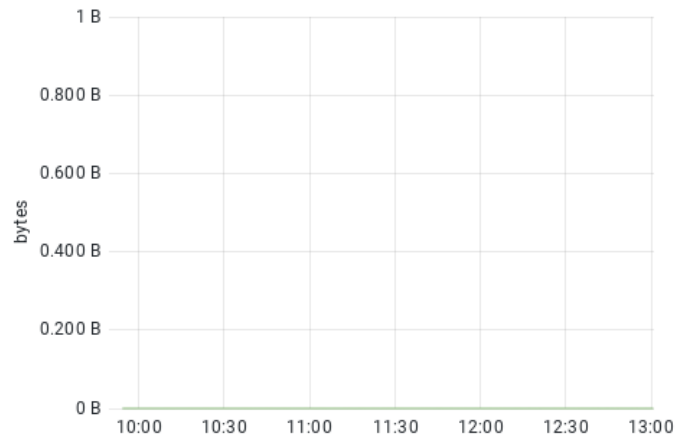
— SReclaimable - Part of Slab, that might be reclaimed, such as caches

Memory Vmalloc



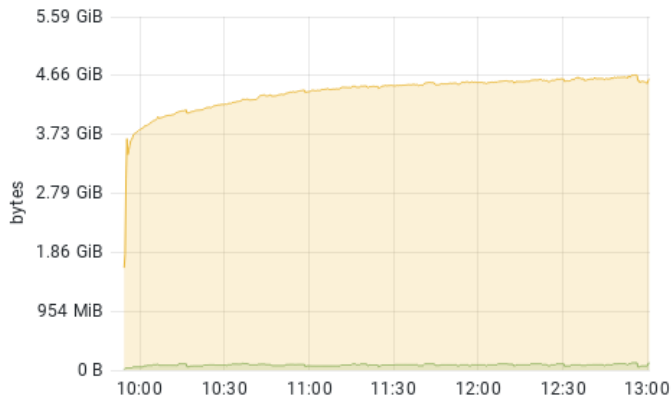
VmallocChunk - Largest contiguous block of vmalloc area which is free	
VmallocTotal - Total size of vmalloc memory area	32.0
VmallocUsed - Amount of vmalloc area which is used	30.4

Memory Bounce



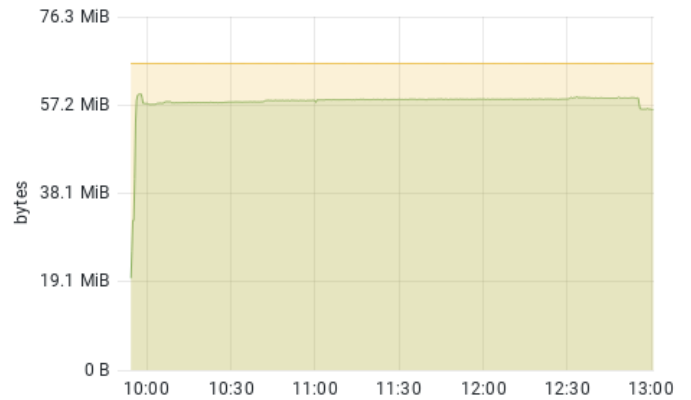
Bounce - Memory used for block device bounce buffers	0 B	0 B	0 B
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Memory Anonymous



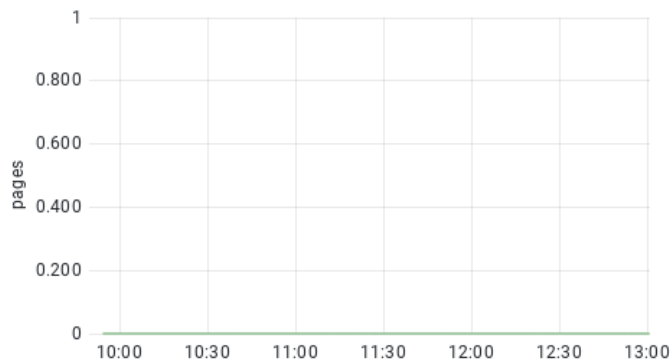
AnonHugePages - Memory in anonymous huge pages	12.00 MiB	118.00
AnonPages - Memory in user pages not backed by files	1.62 GiB	4.67

Memory Kernel / CPU



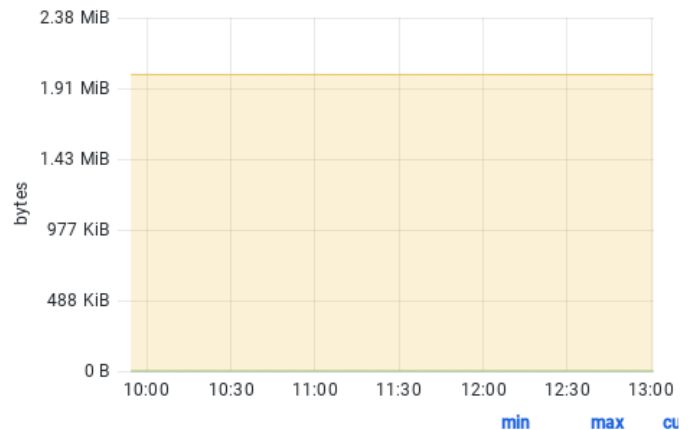
KernelStack - Kernel memory stack. This is not reclaimable	19.8
PerCPU - Per CPU memory allocated dynamically by loadable modules	66.1

Memory HugePages Counter



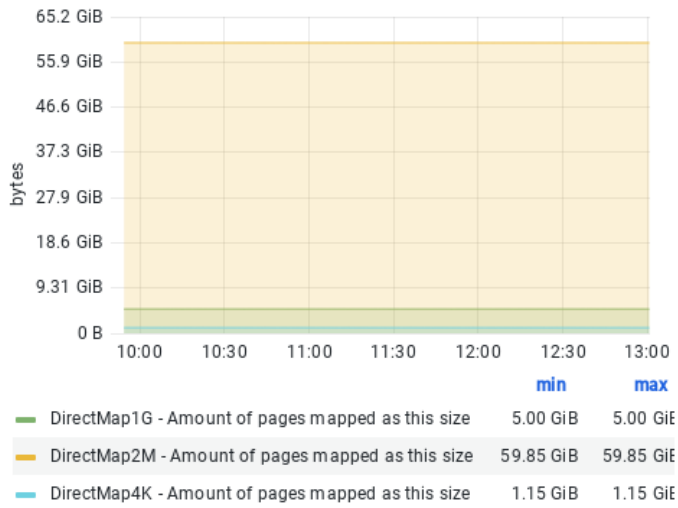
HugePages_Free - Huge pages in the pool that are not yet allocated	
HugePages_Rsvd - Huge pages for which a commitment to allocate from the pool has been made	
HugePages_Surp - Huge pages in the pool above the value in /proc/sys/vm/nr_hugepages	

Memory HugePages Size

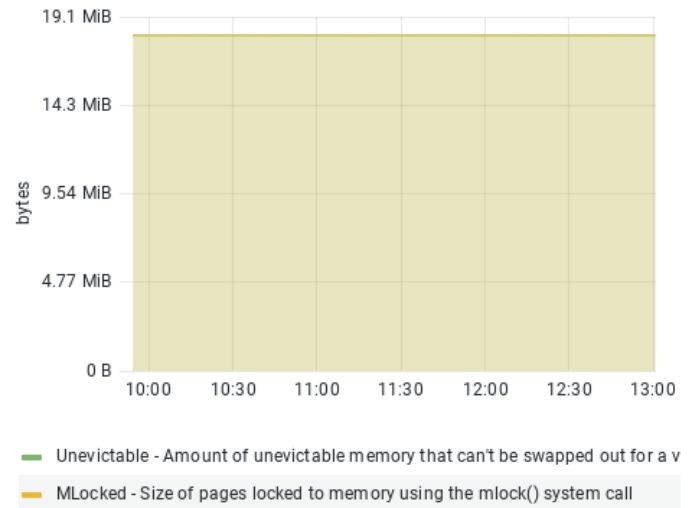


HugePages - Total size of the pool of huge pages	0 B	0 B
Hugepagesize - Huge Page size	2.00 MiB	2.00 MiB

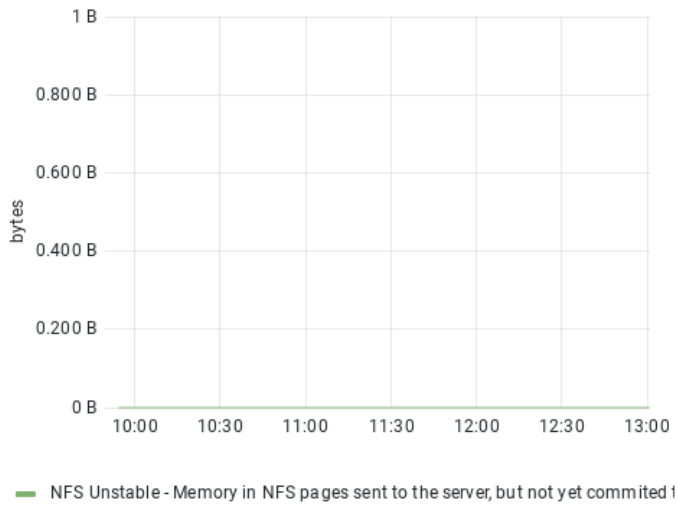
Memory DirectMap



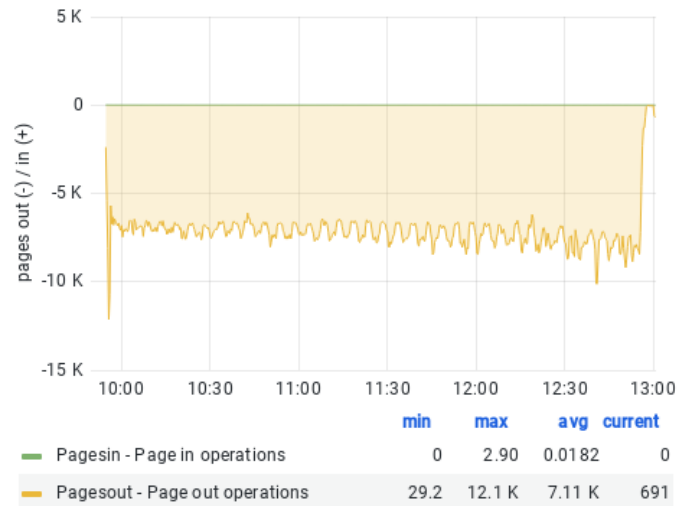
Memory Unevictable and MLocked



Memory NFS



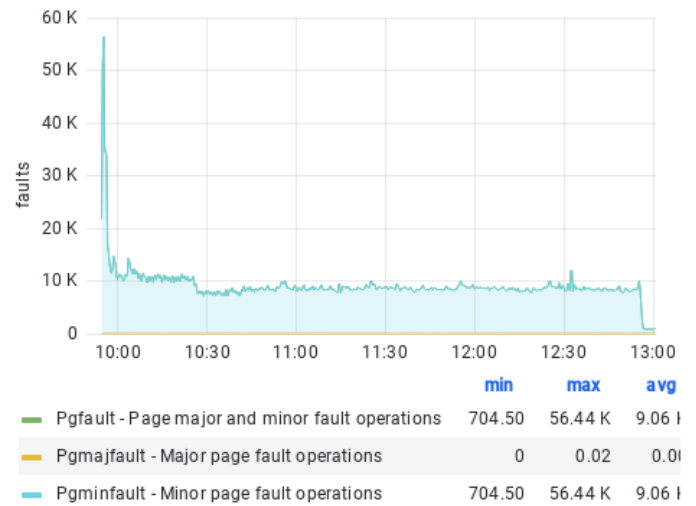
Memory Pages In / Out



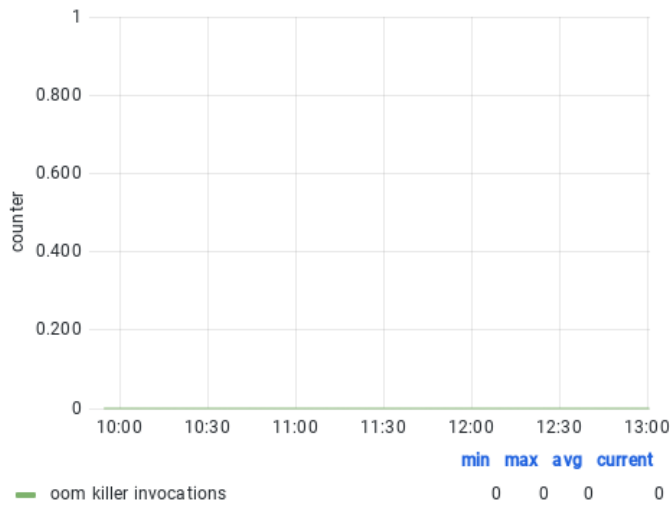
Memory Pages Swap In / Out



Memory Page Faults



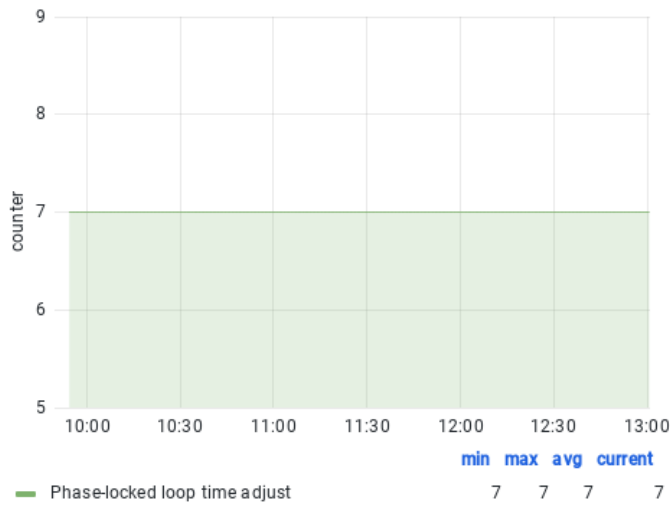
OOM Killer



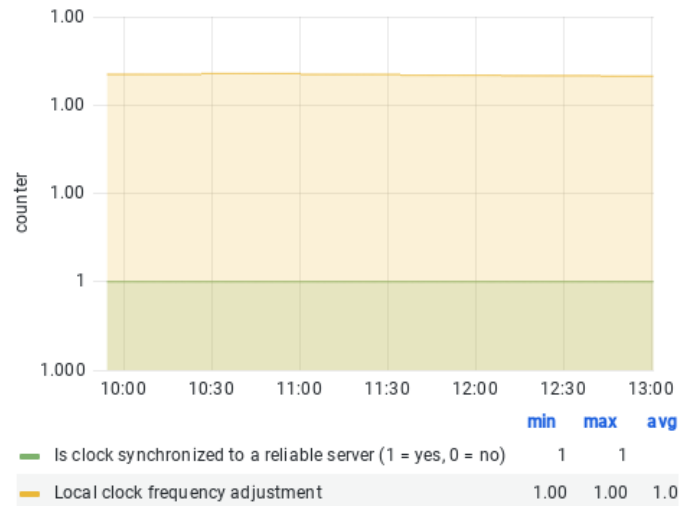
Time Synchronized Drift



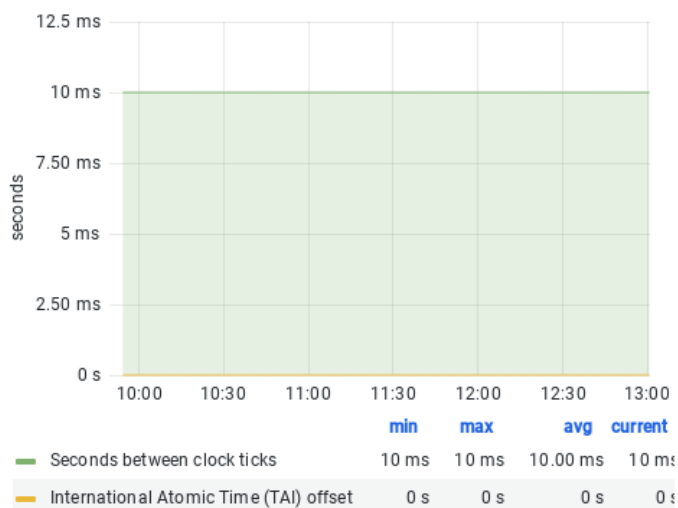
Time PLL Adjust



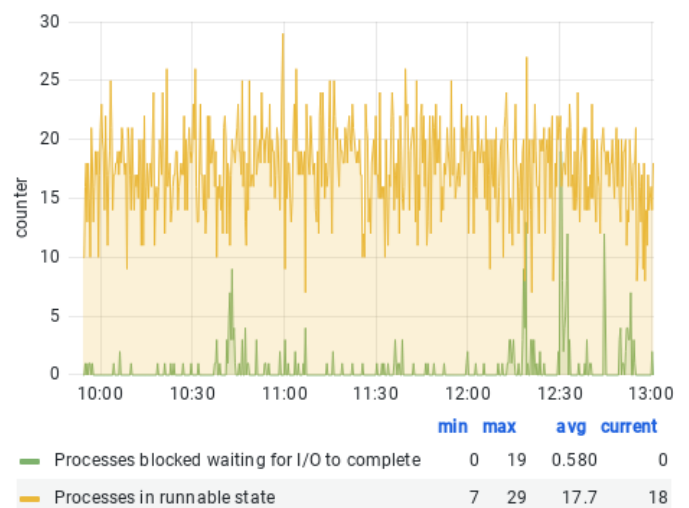
Time Synchronized Status



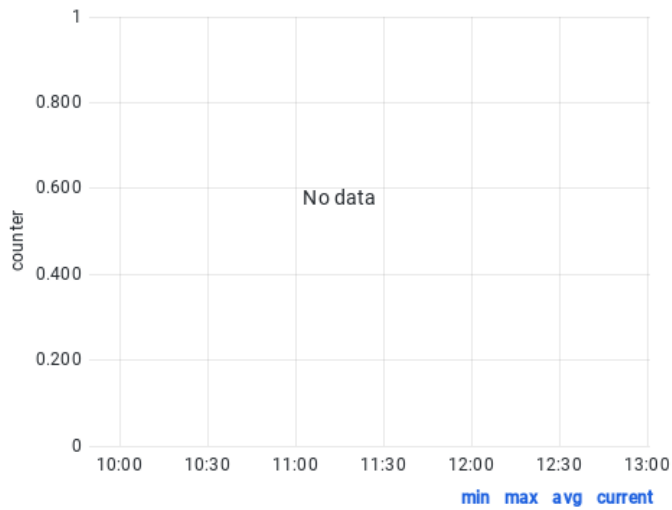
Time Misc



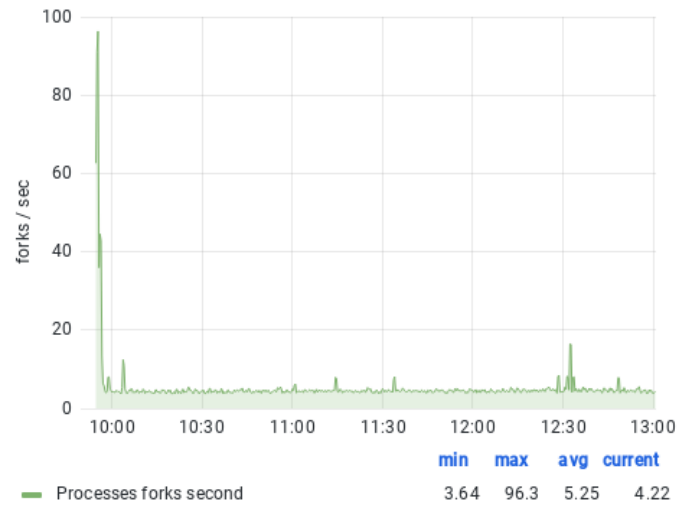
Processes Status



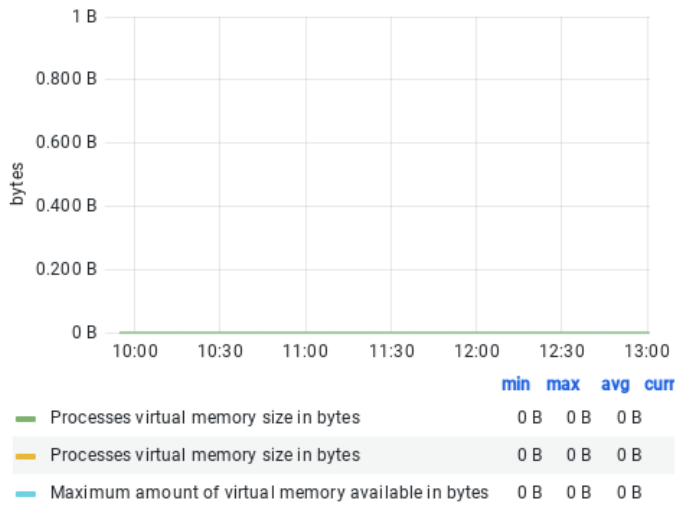
Processes State



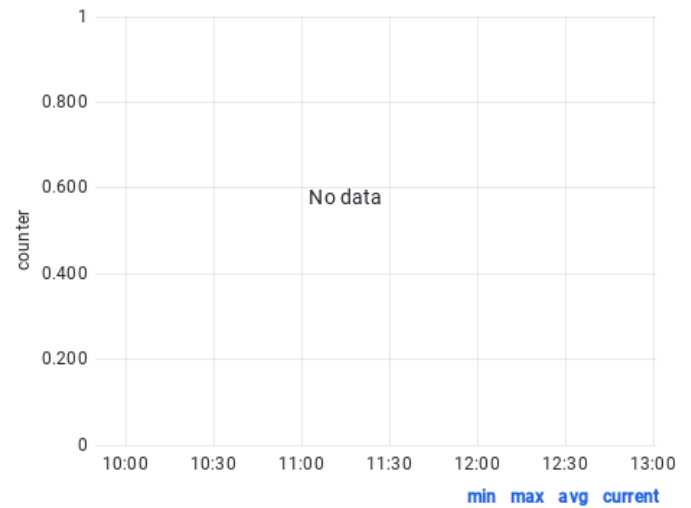
Processes Forks



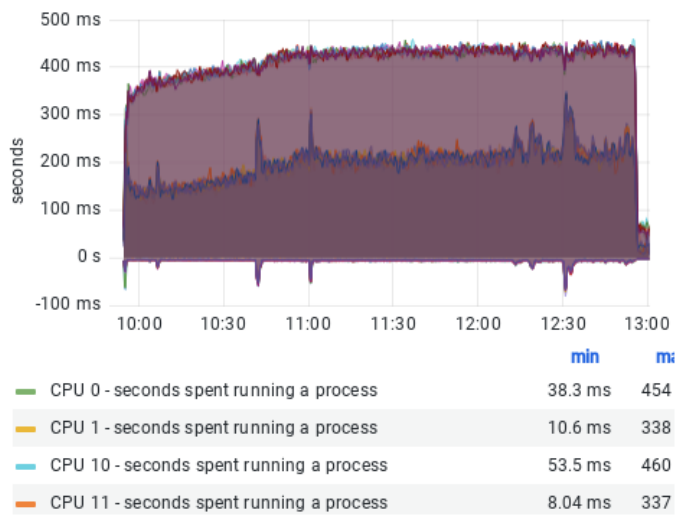
Processes Memory



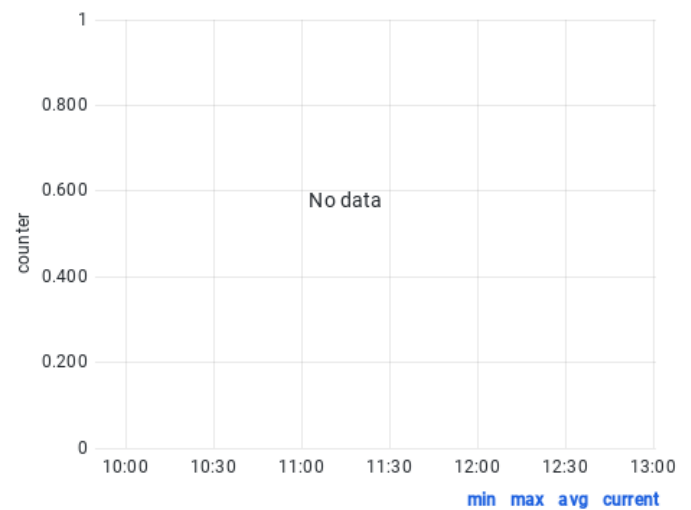
PIDs Number and Limit



Process schedule stats Running / Waiting

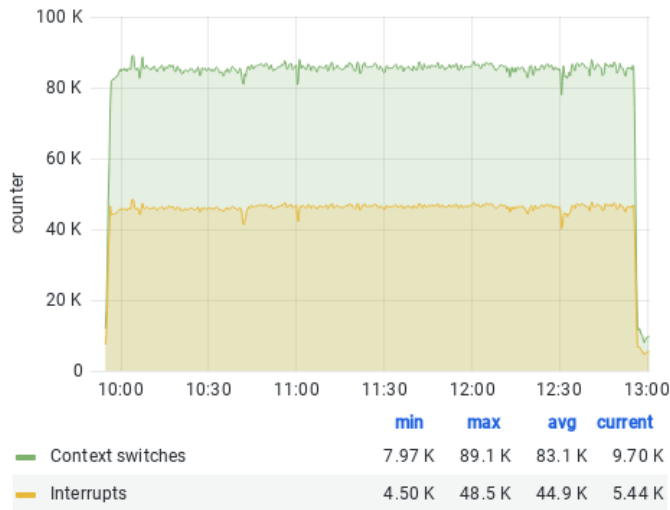


Threads Number and Limit

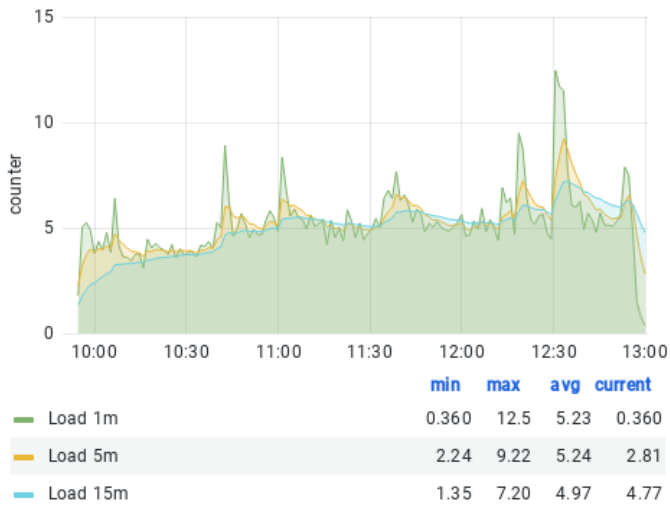




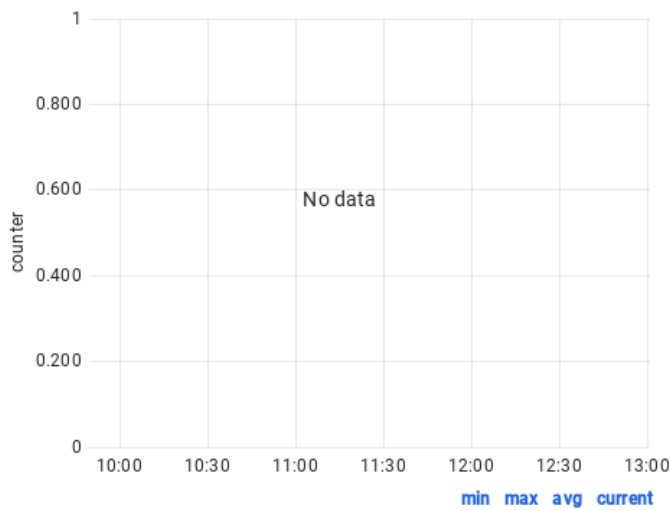
Context Switches / Interrupts



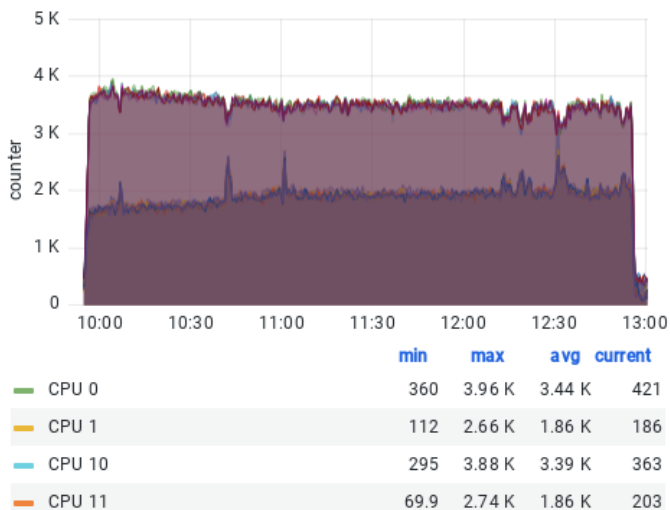
System Load



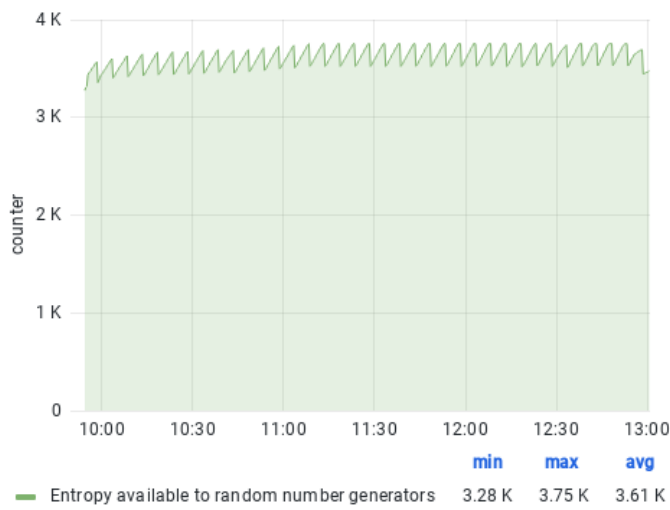
Interrupts Detail



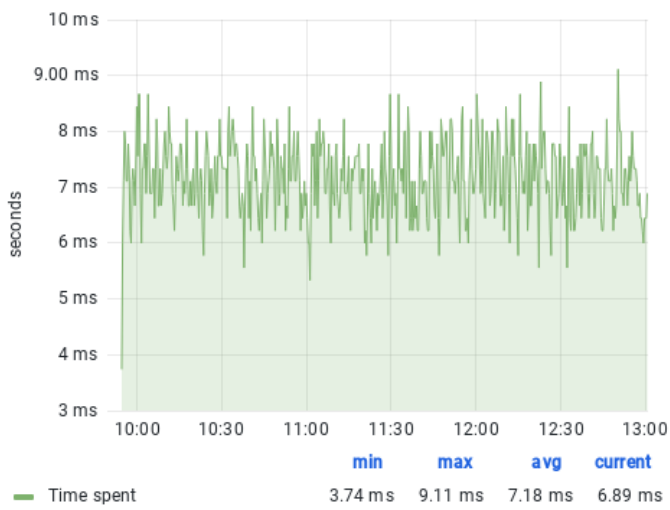
Schedule timeslices executed by each cpu



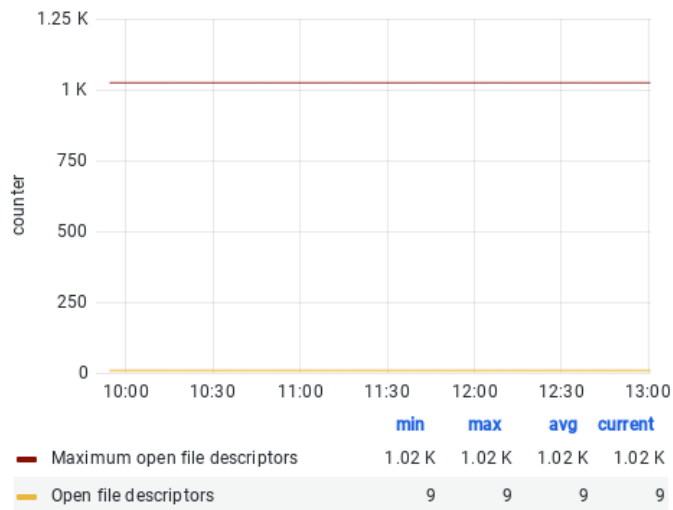
Entropy



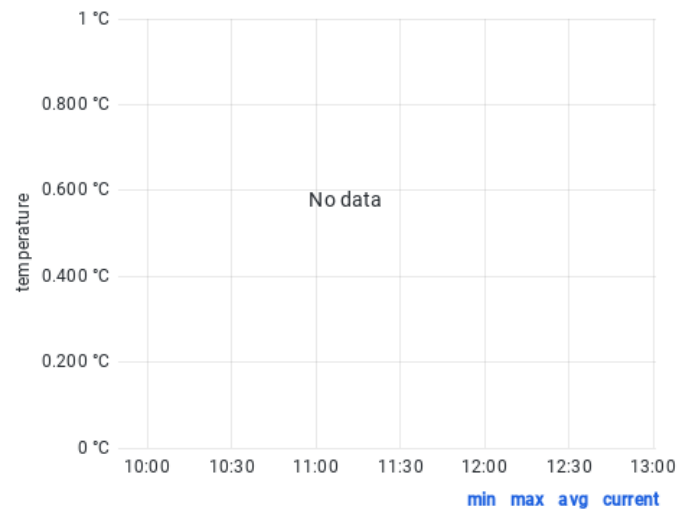
CPU time spent in user and system contexts



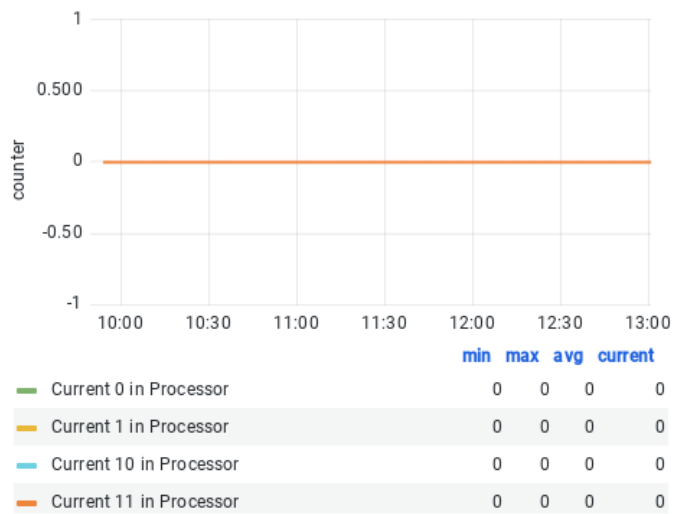
File Descriptors



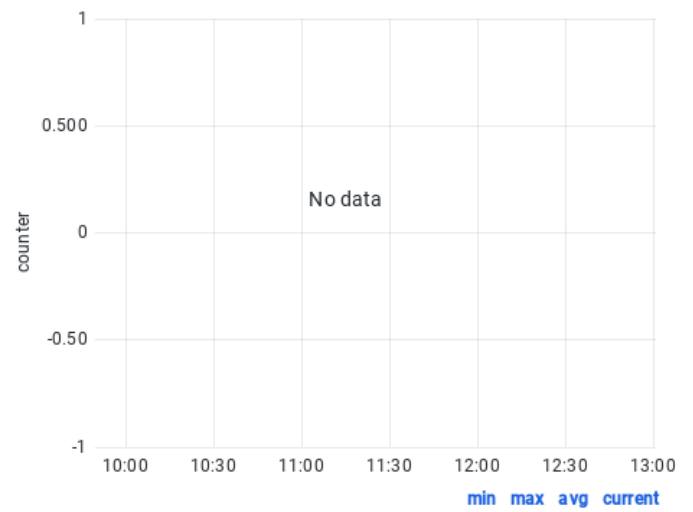
Hardware temperature monitor



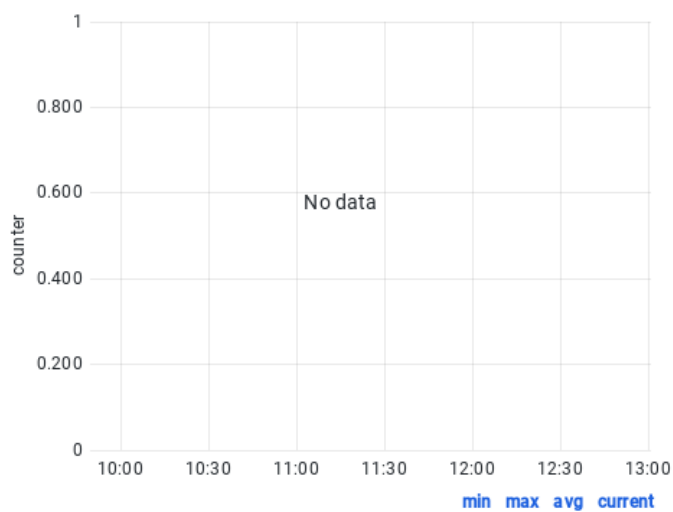
Throttle cooling device



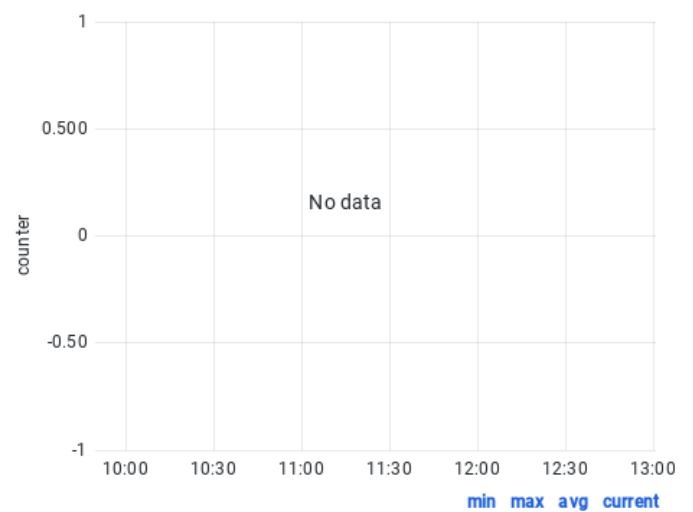
Power supply

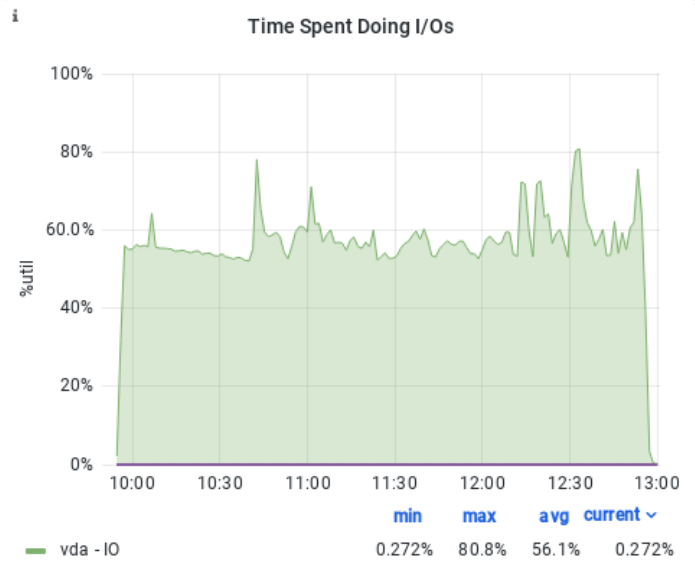
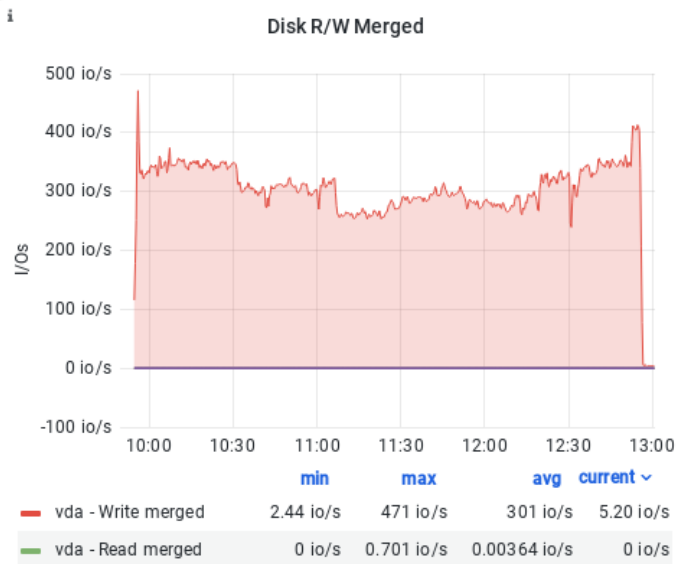
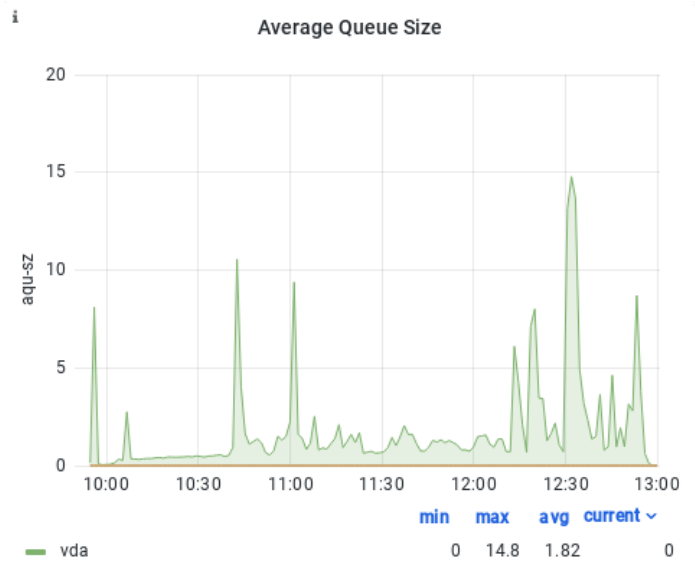
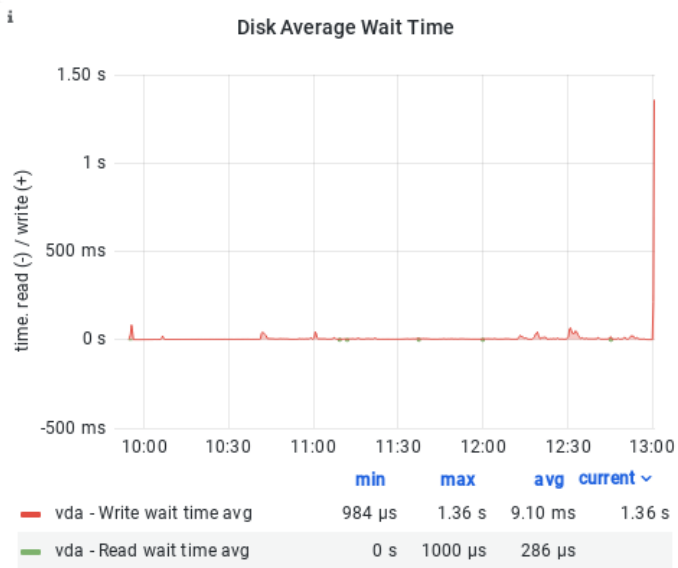
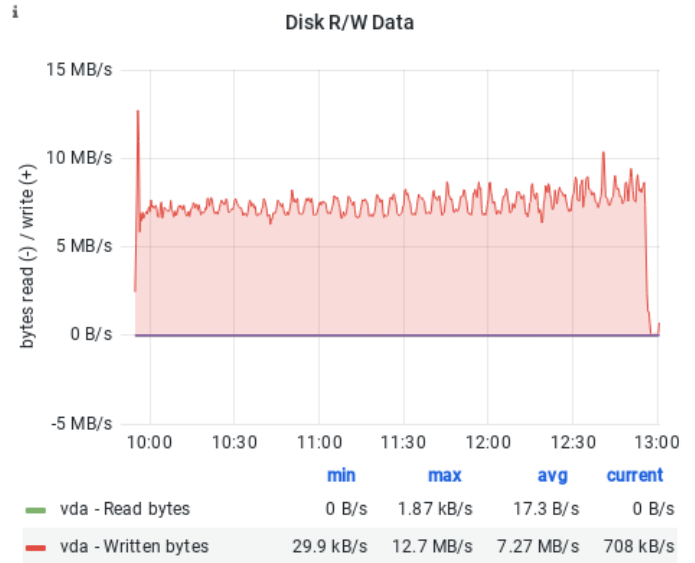
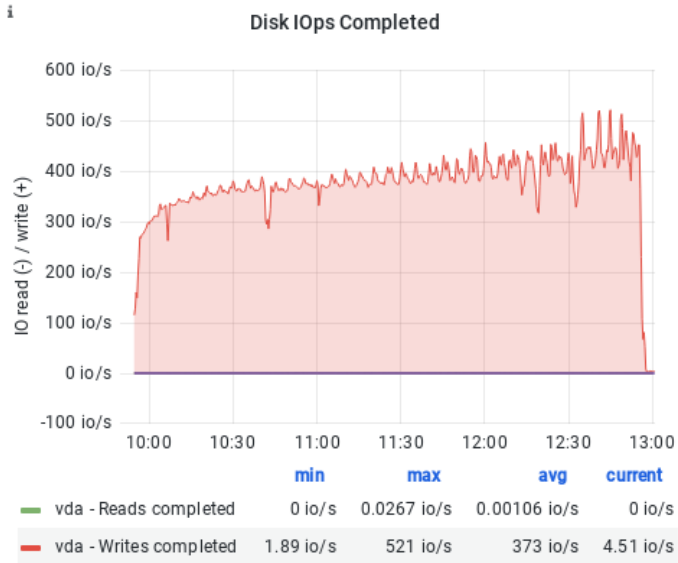


Systemd Sockets



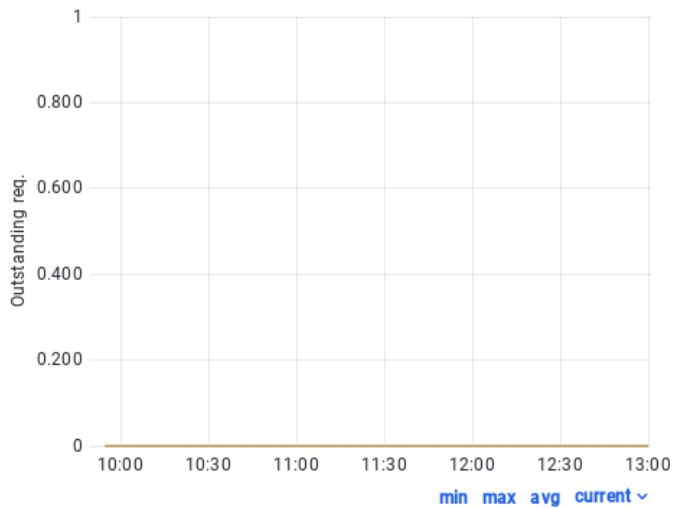
Systemd Units State



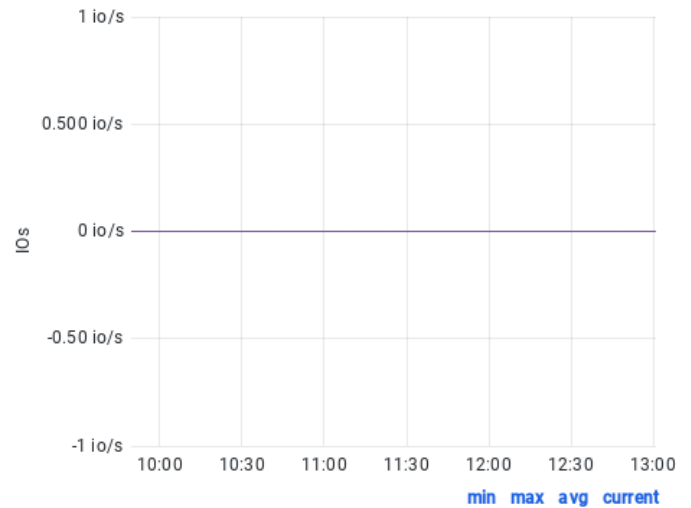


i

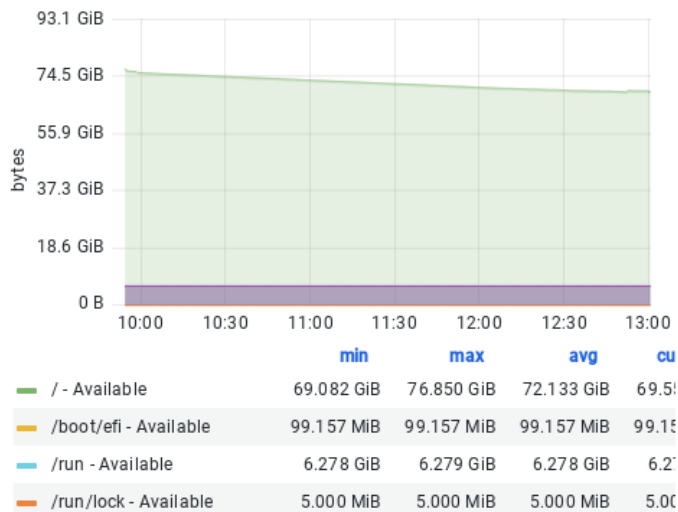
Instantaneous Queue Size



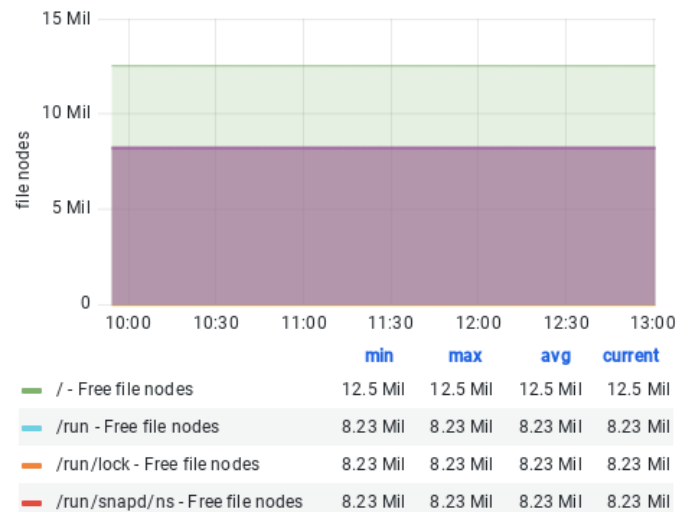
Disk IOps Discards completed / merged



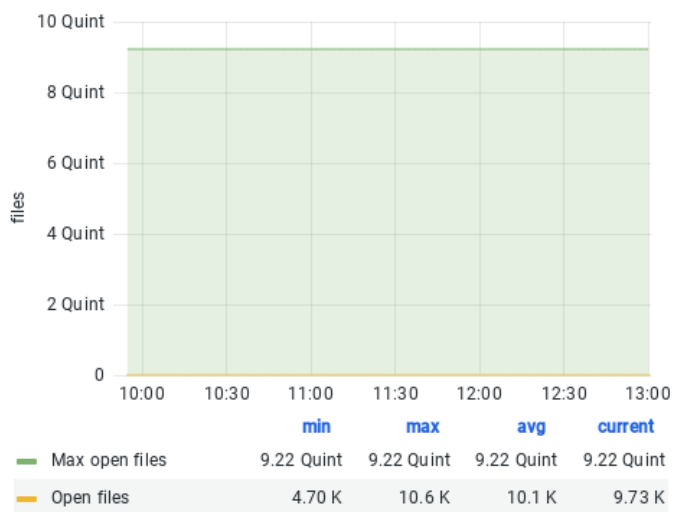
Filesystem space available



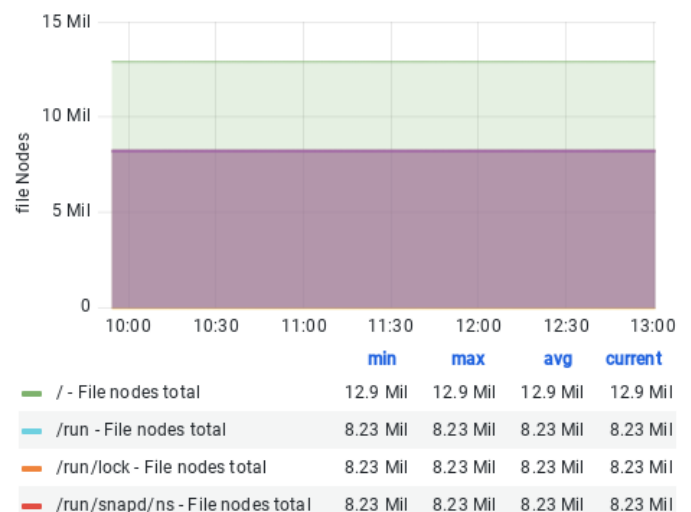
File Nodes Free



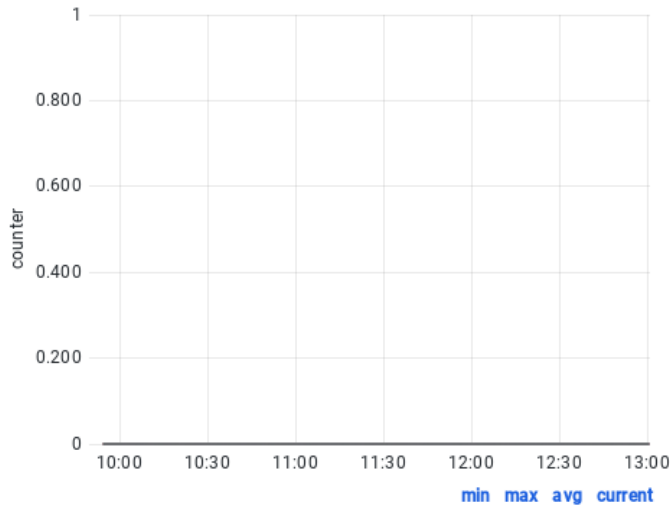
File Descriptor



File Nodes Size



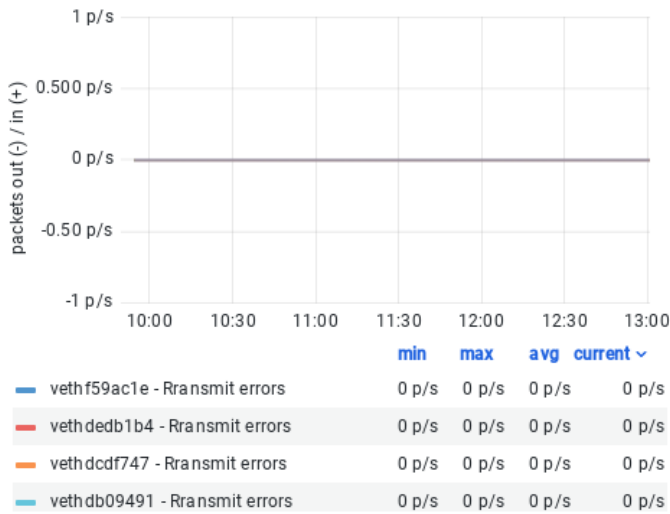
Filesystem in ReadOnly / Error



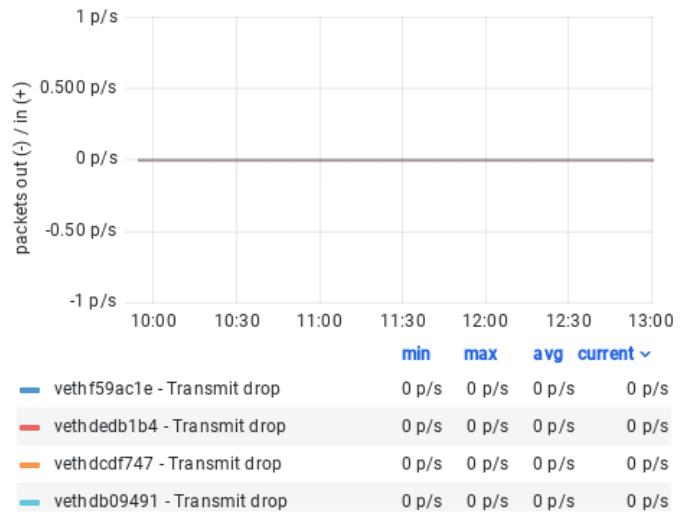
Network Traffic by Packets



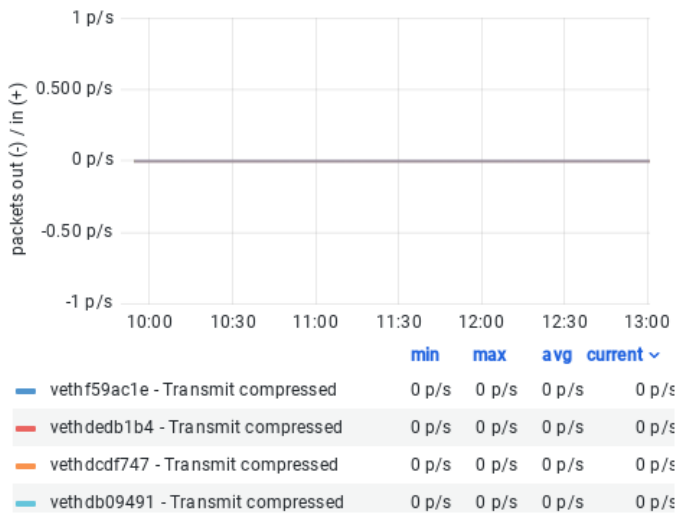
Network Traffic Errors



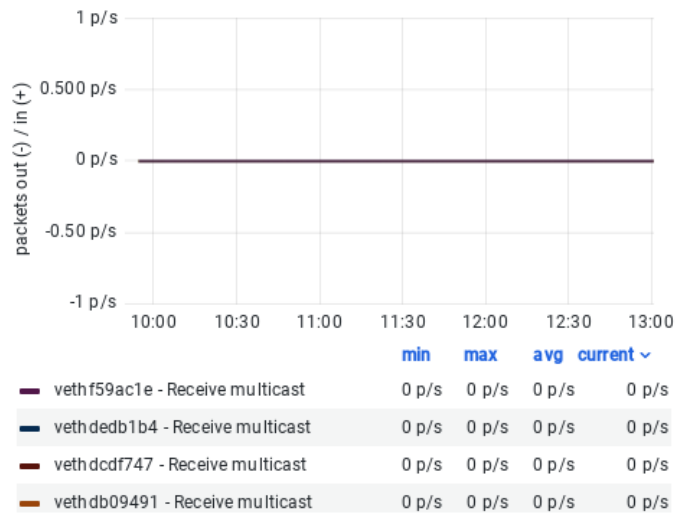
Network Traffic Drop



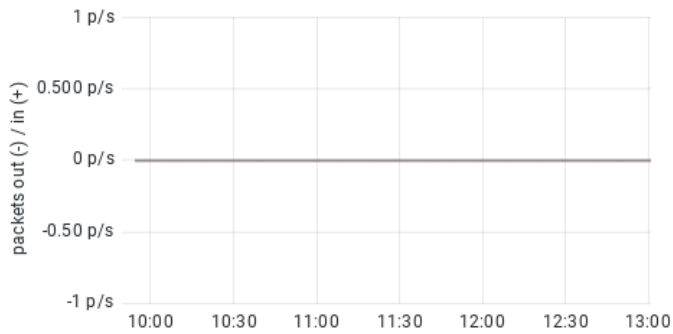
Network Traffic Compressed



Network Traffic Multicast

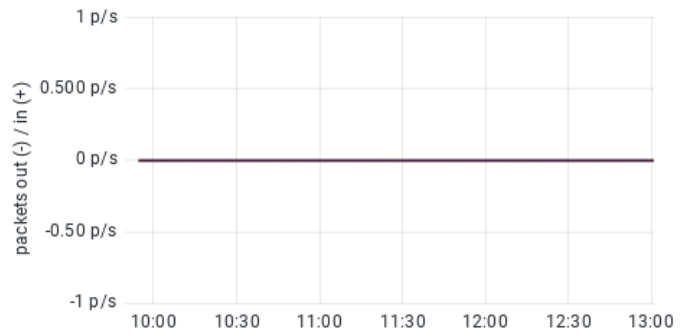


Network Traffic Fifo



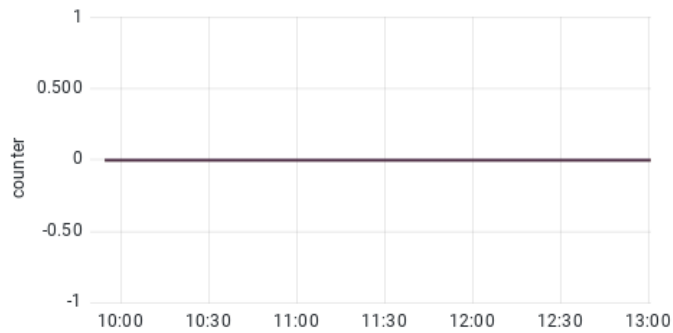
	min	max	avg	current
vethf59ac1e - Transmit fifo	0 p/s	0 p/s	0 p/s	0 p/s
vethdedb1b4 - Transmit fifo	0 p/s	0 p/s	0 p/s	0 p/s
vethdcdf747 - Transmit fifo	0 p/s	0 p/s	0 p/s	0 p/s
vethdb09491 - Transmit fifo	0 p/s	0 p/s	0 p/s	0 p/s

Network Traffic Frame



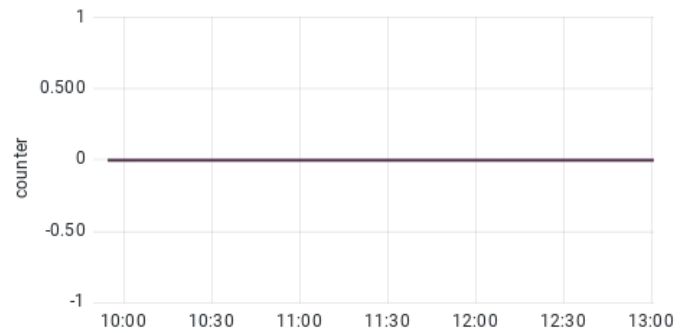
	min	max	avg	current
vethf59ac1e - Receive frame	0 p/s	0 p/s	0 p/s	0 p/s
vethdedb1b4 - Receive frame	0 p/s	0 p/s	0 p/s	0 p/s
vethdcdf747 - Receive frame	0 p/s	0 p/s	0 p/s	0 p/s
vethdb09491 - Receive frame	0 p/s	0 p/s	0 p/s	0 p/s

Network Traffic Carrier



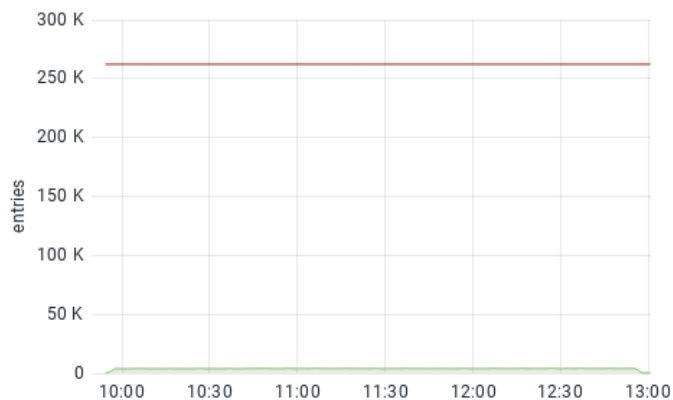
	min	max	avg	current
vethf59ac1e - Statistic transmit_carrier	0	0	0	0
vethdedb1b4 - Statistic transmit_carrier	0	0	0	0
vethdcdf747 - Statistic transmit_carrier	0	0	0	0
vethdb09491 - Statistic transmit_carrier	0	0	0	0

Network Traffic Colls



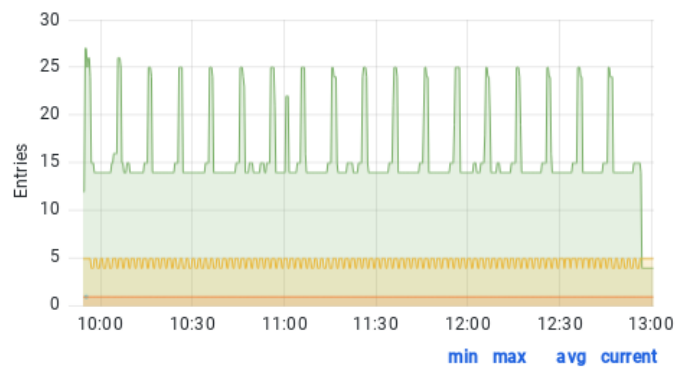
	min	max	avg	current
vethf59ac1e - Transmit colls	0	0	0	0
vethdedb1b4 - Transmit colls	0	0	0	0
vethdcdf747 - Transmit colls	0	0	0	0
vethdb09491 - Transmit colls	0	0	0	0

NF Contrack



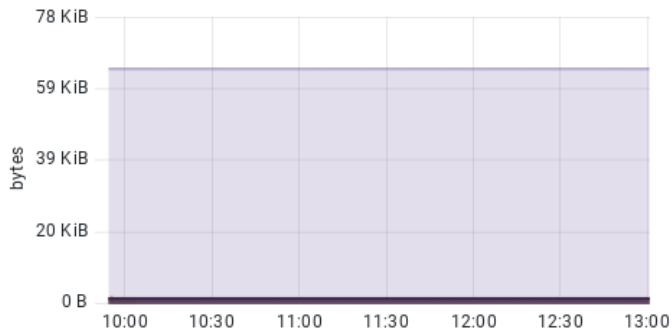
	min	max	avg	current
NF conntrack entries	98	4.08 K	3.74 K	101
NF conntrack limit	262 K	262 K	262 K	262 K

ARP Entries



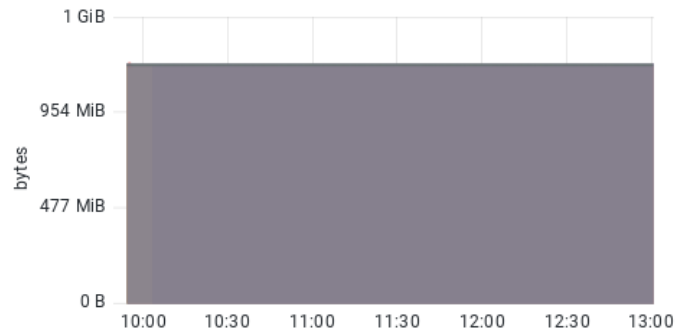
	min	max	avg	current
br-7098de4b671c - ARP entries	4	27	15.7	4
br-c4924d8e673c - ARP entries	4	5	4.65	5
docker0 - ARP entries	1	1	1	
ens3 - ARP entries	1	1	1	1

MTU



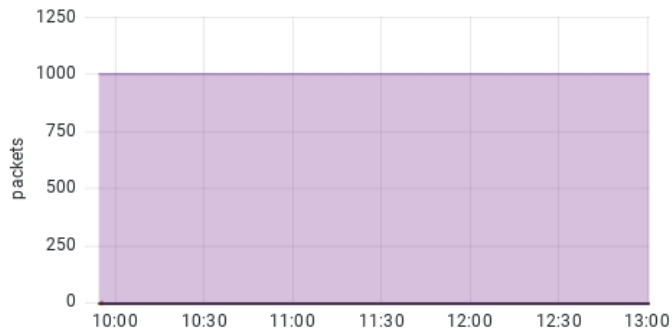
	min	max	avg	current
br-3bee41ce9340 - Bytes	1.5 KiB	1.5 KiB	1.5 KiB	1.5 KiB
br-7098de4b671c - Bytes	1.5 KiB	1.5 KiB	1.5 KiB	1.5 KiB
br-b5d82a87db58 - Bytes	1.5 KiB	1.5 KiB	1.5 KiB	1.5 KiB
br-c4924d8e673c - Bytes	1.5 KiB	1.5 KiB	1.5 KiB	1.5 KiB

Speed



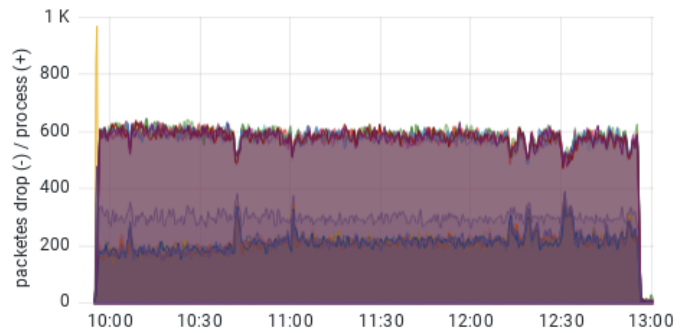
	min	max	avg	current
ens3 - Speed	-122.1 KiB	-122.1 KiB	-122.1 KiB	-122.1 KiB
veth053c43e - Speed	1.2 GiB	1.2 GiB	1.2 GiB	1.2 GiB
veth06b784f - Speed	1.2 GiB	1.2 GiB	1.2 GiB	1.2 GiB
veth09150fa - Speed	1.2 GiB	1.2 GiB	1.2 GiB	1.2 GiB

Queue Length



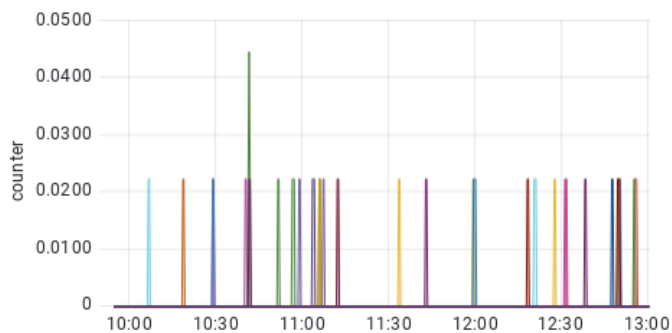
	min	max	a
br-3bee41ce9340 - Interface transmit queue length	0	0	
br-7098de4b671c - Interface transmit queue length	0	0	
br-b5d82a87db58 - Interface transmit queue length	0	0	
br-c4924d8e673c - Interface transmit queue length	0	0	

Softnet Packets



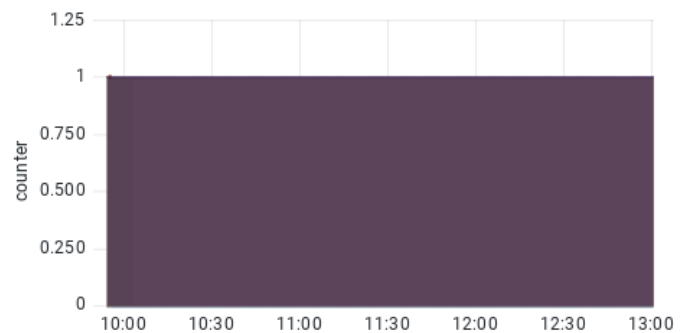
	min	max	avg	current	v
CPU 14 - Processed	1.69	633	558	14.6	
CPU 12 - Processed	4.73	636	563	11.0	
CPU 11 - Processed	3.62	379	208	10.5	
CPU 1 - Processed	0.911	968	216	9.89	

Softnet Out of Quota



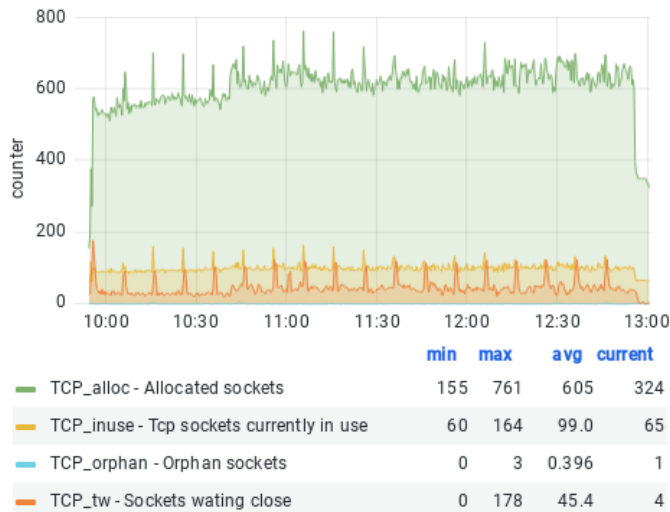
	min	max	avg	current	v
CPU 9 - Squeezed	0	0.0222	0.000119	0	
CPU 8 - Squeezed	0	0.0222	0.000318	0	
CPU 7 - Squeezed	0	0.0222	0.0000795	0	
CPU 6 - Squeezed	0	0.0222	0.000199	0	

Network Operational Status

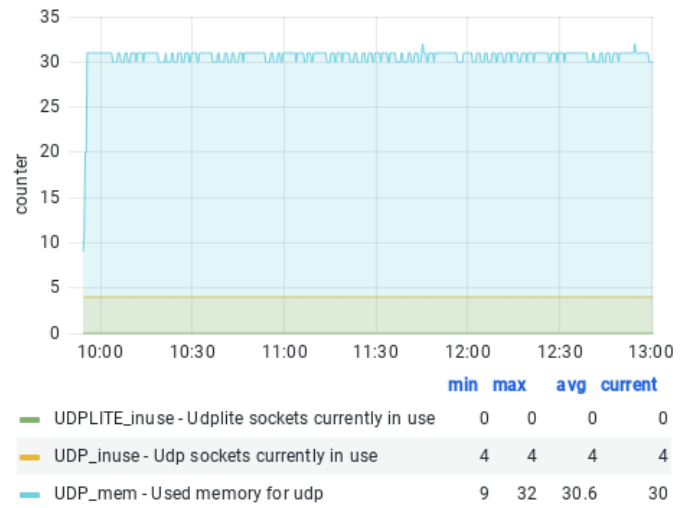


	min	max	avg	current	v
vethf59ac1e - Physical link state	1	1	1	1	
vethdedb1b4 - Physical link state	1	1	1	1	
vethdcd747 - Physical link state	1	1	1	1	
vethdb09491 - Physical link state	1	1	1	1	

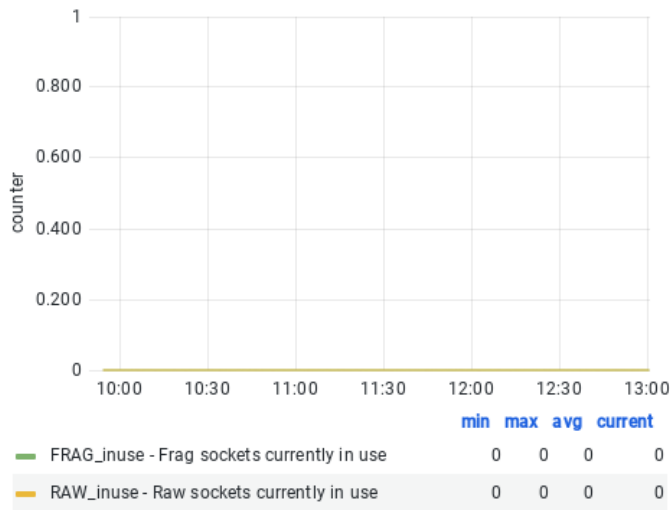
Sockstat TCP



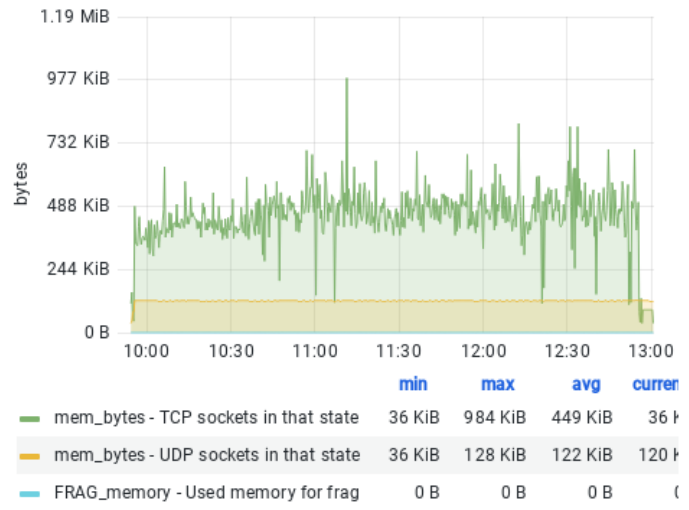
Sockstat UDP



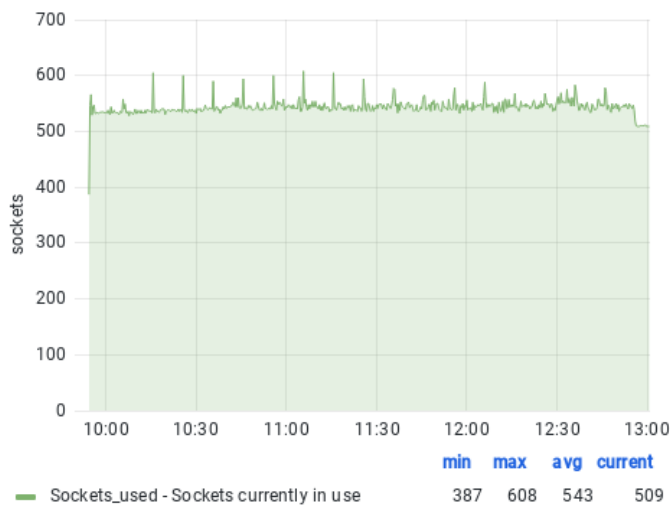
Sockstat FRAG / RAW



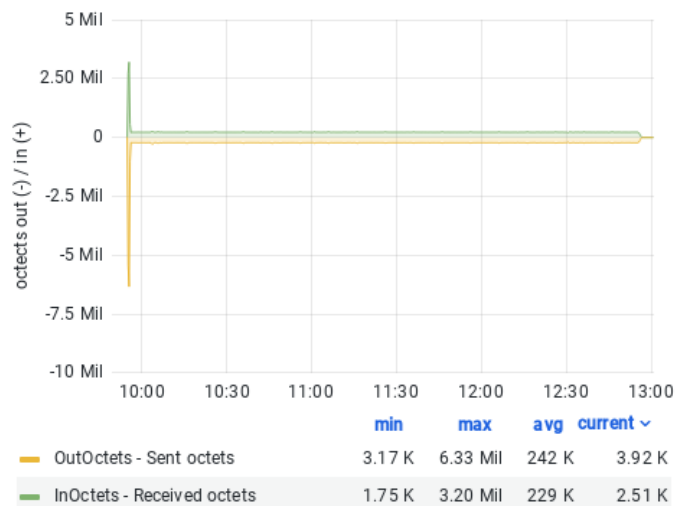
Sockstat Memory Size



Sockstat Used

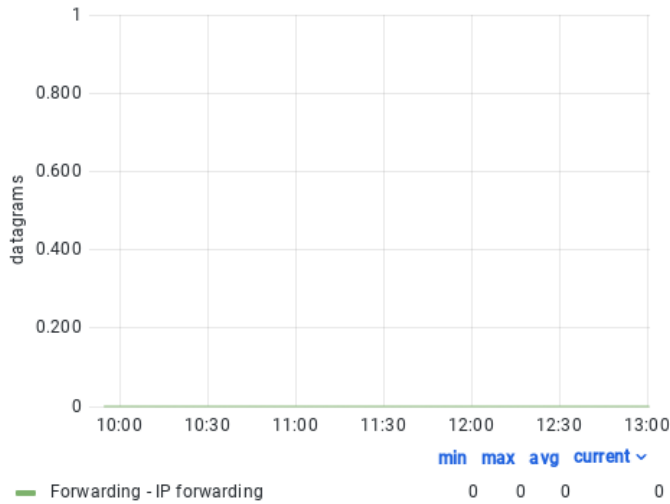


Netstat IP In / Out Octets





Netstat IP Forwarding



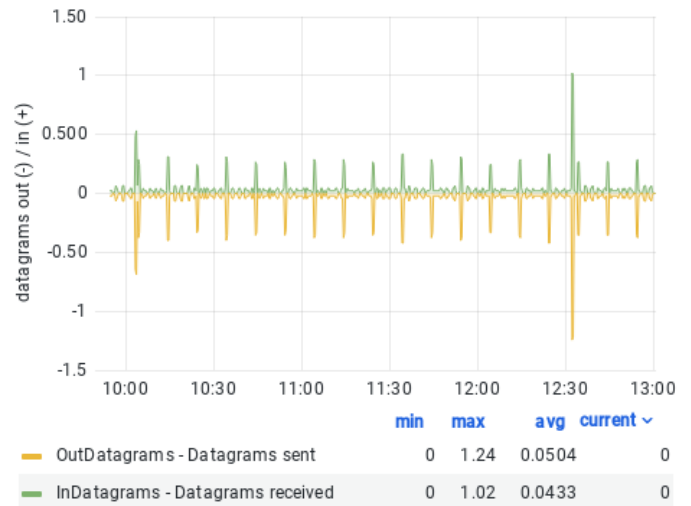
ICMP In / Out



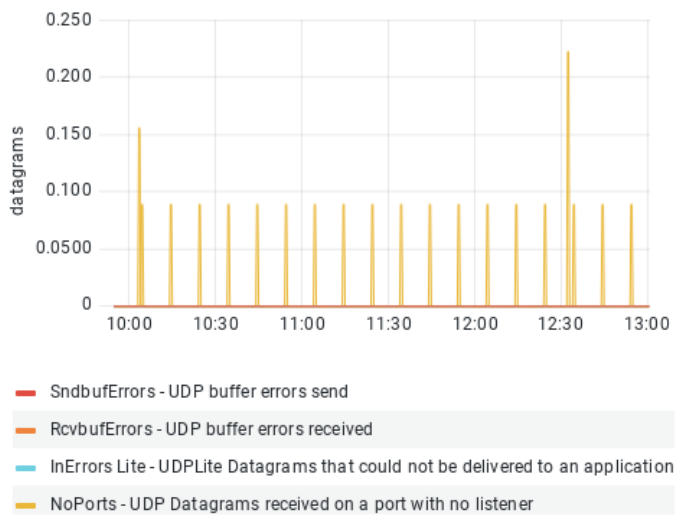
ICMP Errors



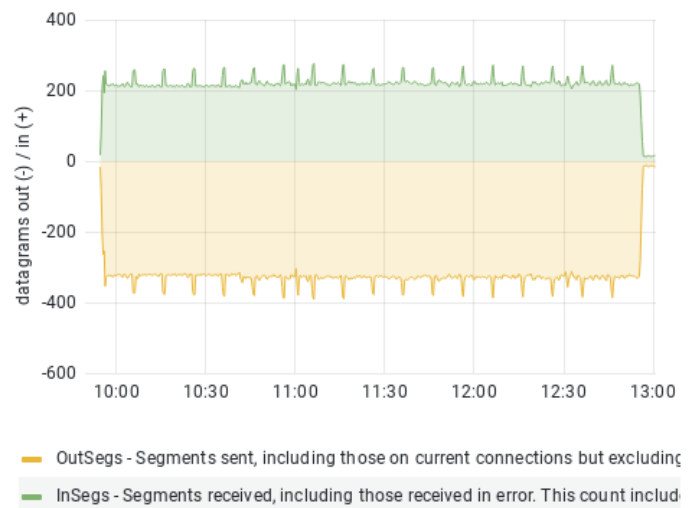
UDP In / Out



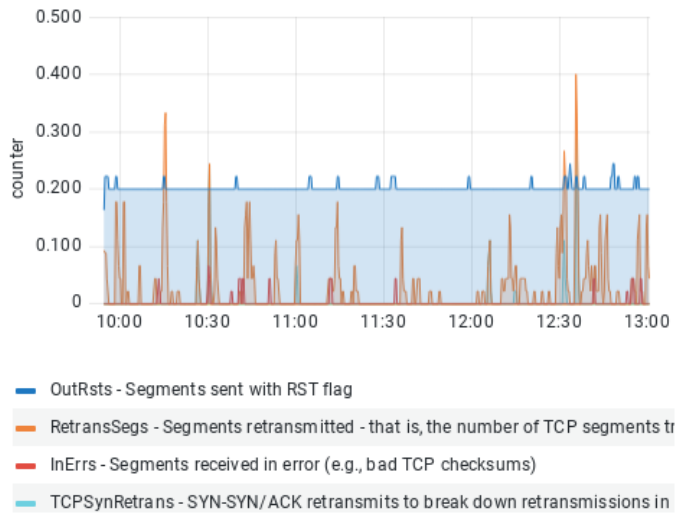
UDP Errors



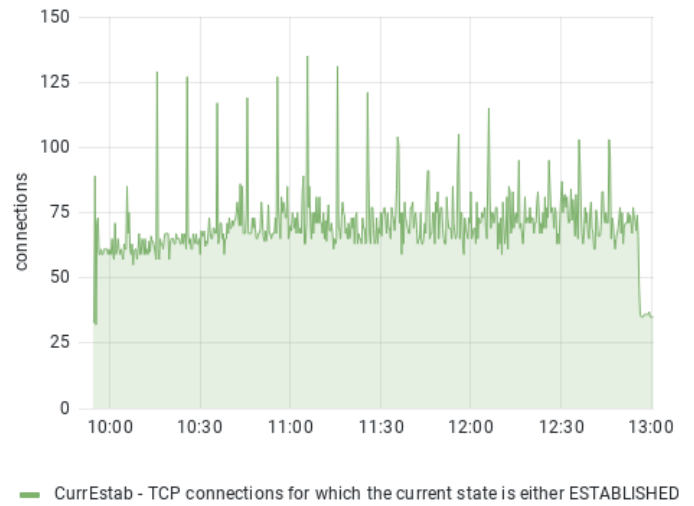
TCP In / Out



TCP Errors



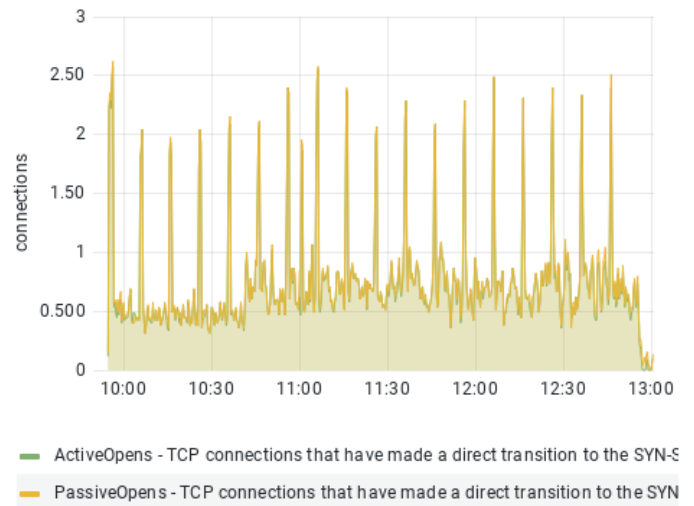
TCP Connections



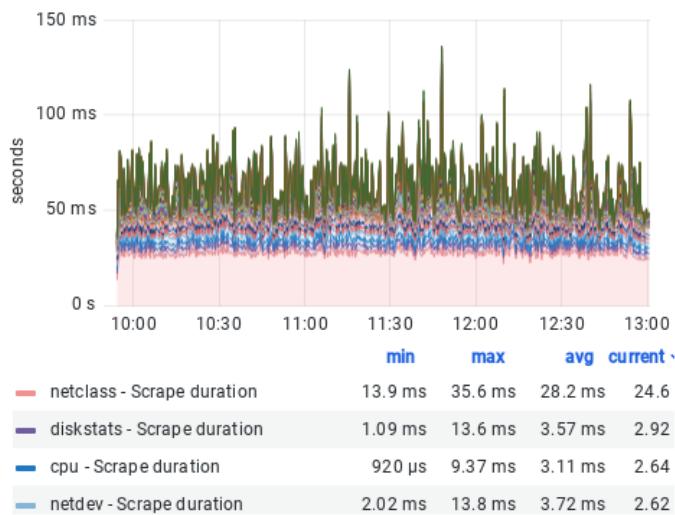
TCP SynCookie



TCP Direct Transition



Node Exporter Scrape Time



Node Exporter Scrape

