

Host Metrics

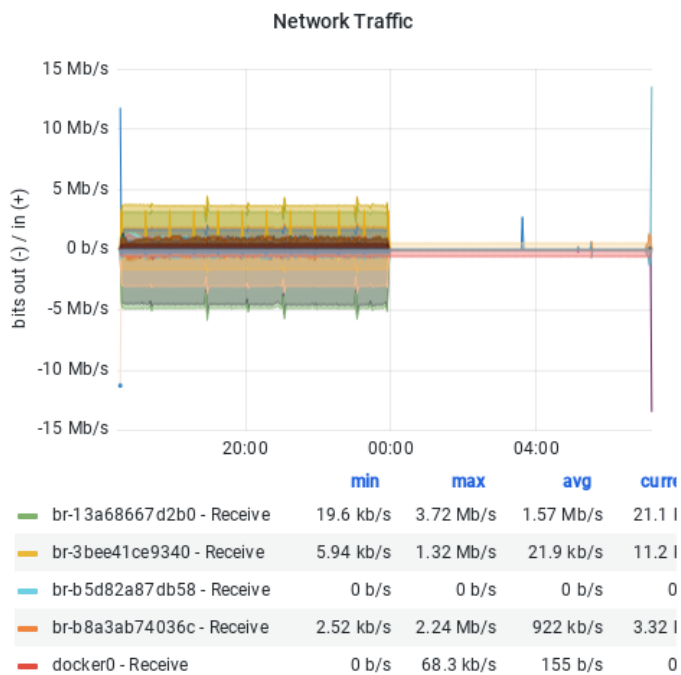
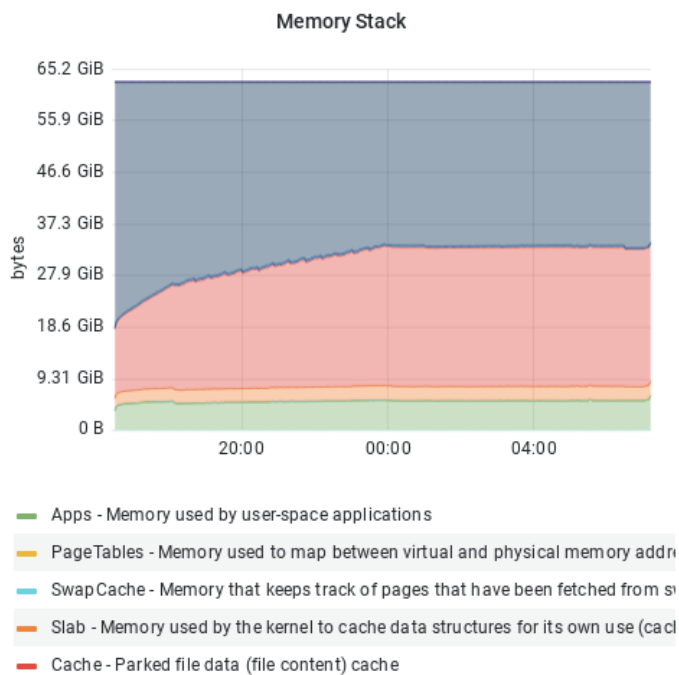
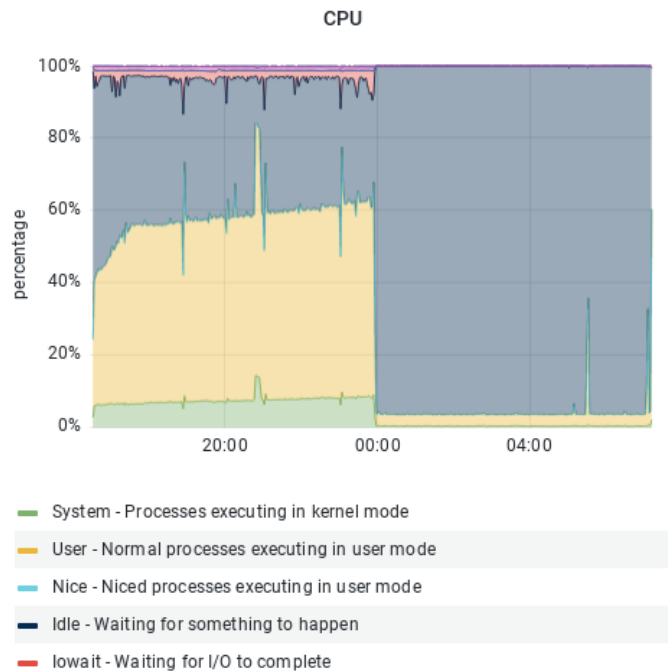
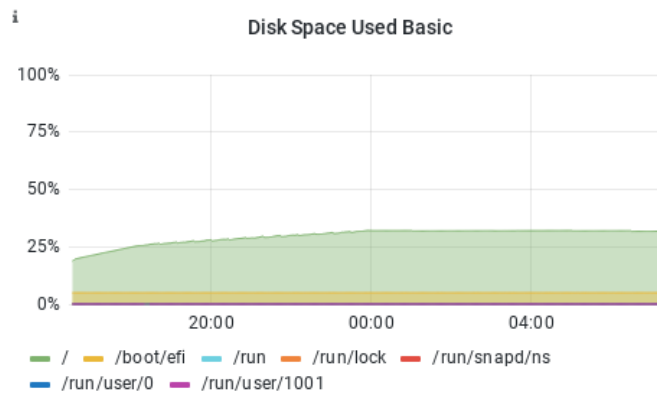
The dashboard visualizes host metrics collected by node_exporter. (based on: <https://grafana.com/grafana/dashboards/1860>)

Fri Feb 18 16:26:45 UTC 2022

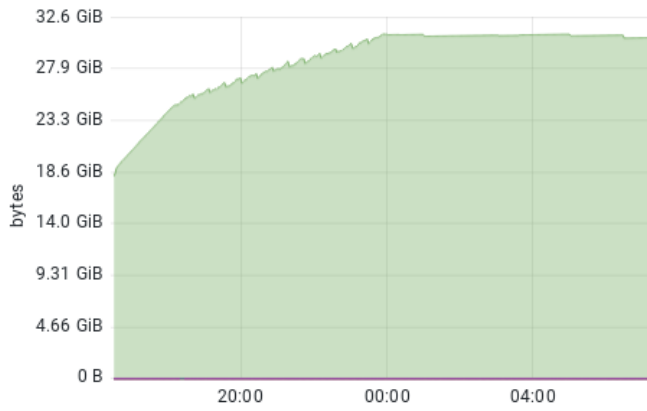
to

Sat Feb 19 07:13:09 UTC 2022



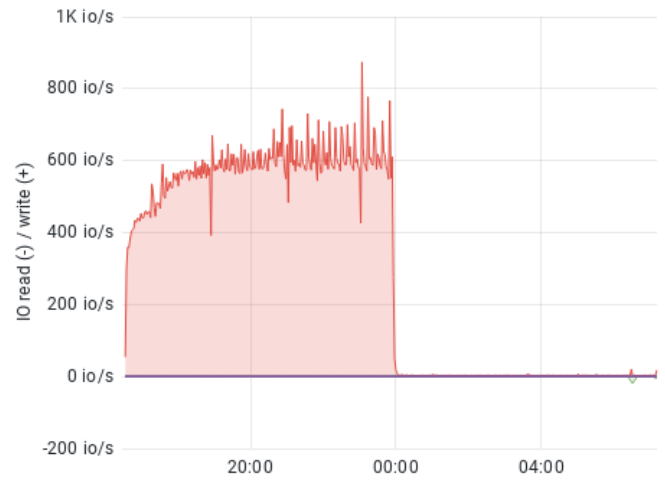


Disk Space Used



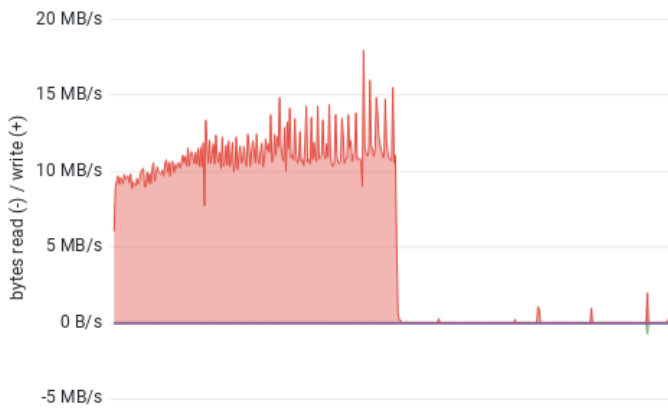
	min	max	avg	current
/run/lock	0 B	0 B	0 B	0 B
/run/user/0	0 B	0 B	0 B	0 B
/run/user/1001	0 B	0 B	0 B	0 B
/run	3.672 MiB	3.703 MiB	3.690 MiB	3.703 MiB
/run/snapd/ns	3.672 MiB	3.703 MiB	3.690 MiB	3.703 MiB

Disk IOps



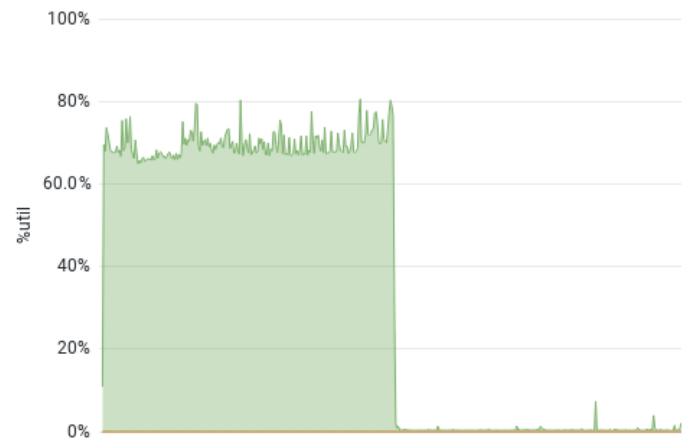
	min	max	avg	current
vda - Reads completed	0 io/s	19.6 io/s	0.233 io/s	5.56 i
vdb - Reads completed	0 io/s	0.00208 io/s	0.0000188 io/s	0 i
vda - Writes completed	1.68 io/s	873 io/s	291 io/s	17.7 i

I/O Usage Read / Write



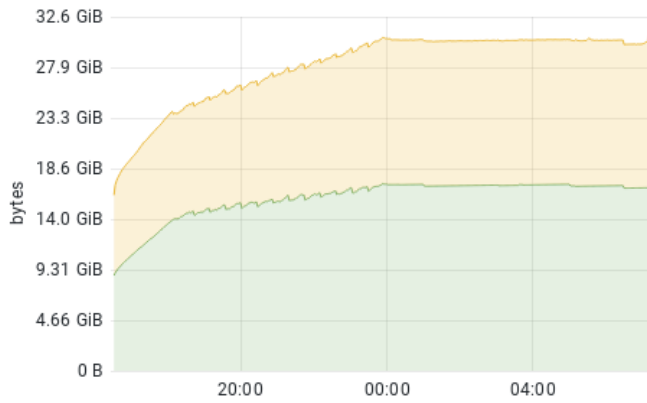
	min	max	avg
vda - Successfully read bytes	0 B/s	706.116 kB/s	1.908 kB/s
vdb - Successfully read bytes	0 B/s	1.092 kB/s	2.477 B/s
vdc - Successfully read bytes	0 B/s	0 B/s	0 B/s
vdd - Successfully read bytes	0 B/s	0 B/s	0 B/s
vda - Successfully written bytes	29.082 kB/s	17.937 MB/s	5.602 MB/s

I/O Utilization



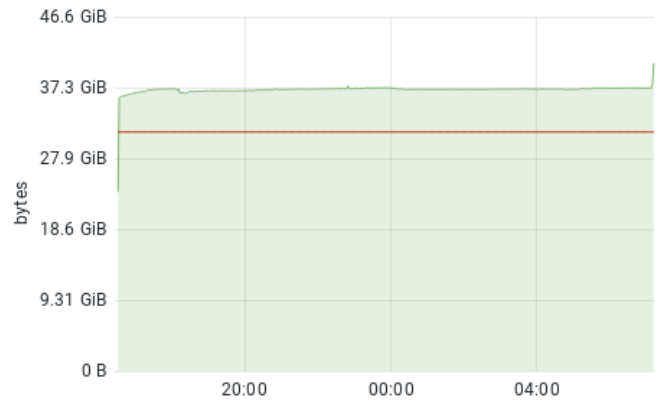
	min	max	avg	current
vda	0.270%	80.567%	35.238%	2.127%
vdb	0%	0.003%	0.000%	0%
vdc	0%	0%	0%	0%
vdd	0%	0%	0%	0%

Memory Active / Inactive



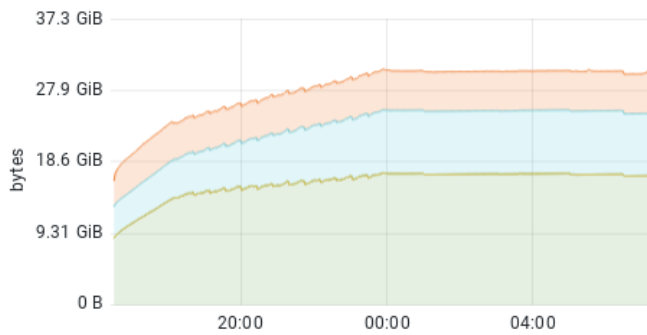
— Inactive - Memory which has been less recently used. It is more eligible to be re
 — Active - Memory that has been used more recently and usually not reclaimed u

Memory Committed



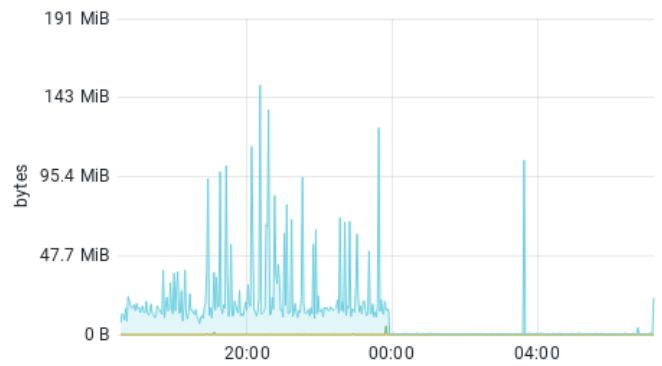
— Committed_AS - Amount of memory presently allocated on the system
 — CommitLimit - Amount of memory currently available to be allocated on the sy

Memory Active / Inactive Detail



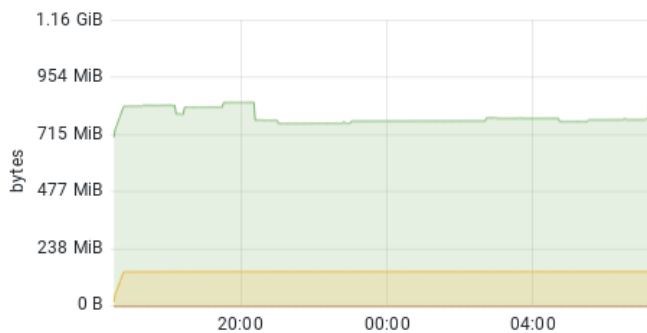
— Inactive_file - File-backed memory on inactive LRU list
 — Inactive_anon - Anonymous and swap cache on inactive LRU list, including tmp
 — Active_file - File-backed memory on active LRU list
 — Active_anon - Anonymous and swap cache on active least-recently-used (LRU)

Memory Writeback and Dirty



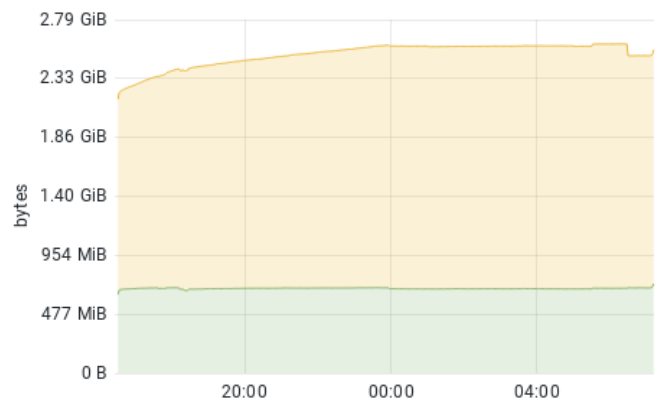
— Writeback - Memory which is actively being written back to disk
 — WritebackTmp - Memory used by FUSE for temporary writeback buffers
 — Dirty - Memory which is waiting to get written back to the disk

Memory Shared and Mapped



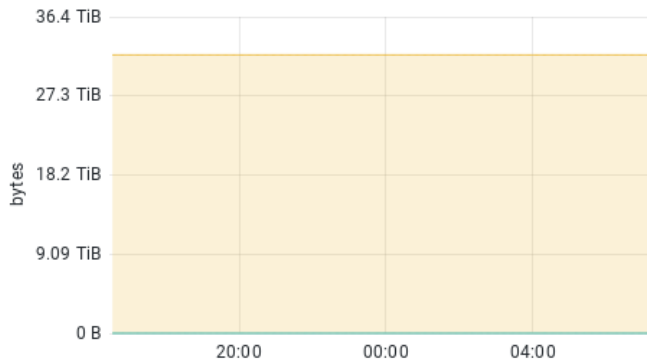
— Mapped - Used memory in mapped pages files which have been mmaped, such
 — Shmem - Used shared memory (shared between several processes, thus includ
 — ShmemHugePages - Memory used by shared memory (shmem) and tmpfs allc
 — ShmemPmdMapped - Ammount of shared (shmem/tmpfs) memory backed by

Memory Slab



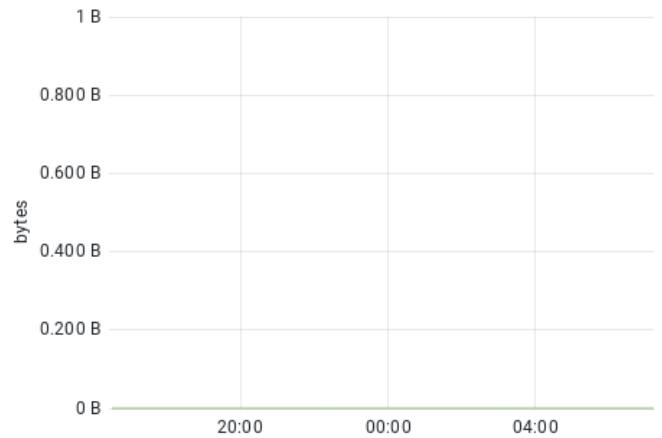
— SUnreclaim - Part of Slab, that cannot be reclaimed on memory pressure
 — SReclaimable - Part of Slab, that might be reclaimed, such as caches

Memory Vmalloc



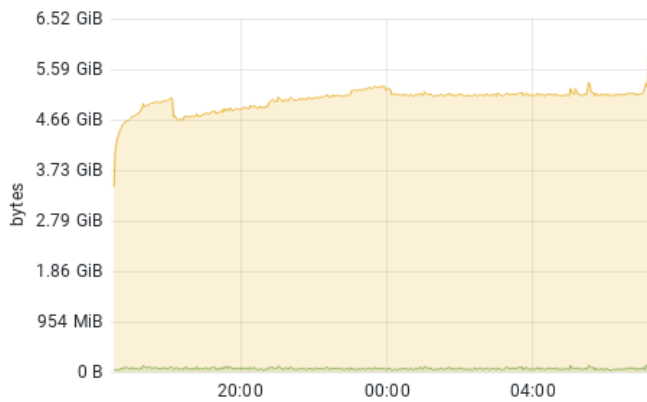
VmallocChunk - Largest contiguous block of vmalloc area which is free	
VmallocTotal - Total size of vmalloc memory area	32.0
VmallocUsed - Amount of vmalloc area which is used	49.0

Memory Bounce



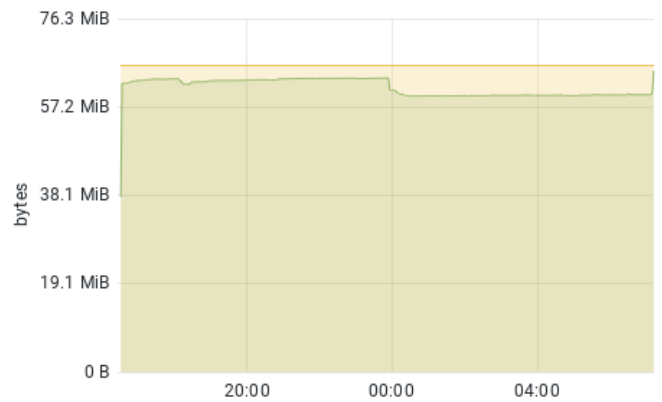
Bounce - Memory used for block device bounce buffers	0 B	0 B	0 B
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Memory Anonymous



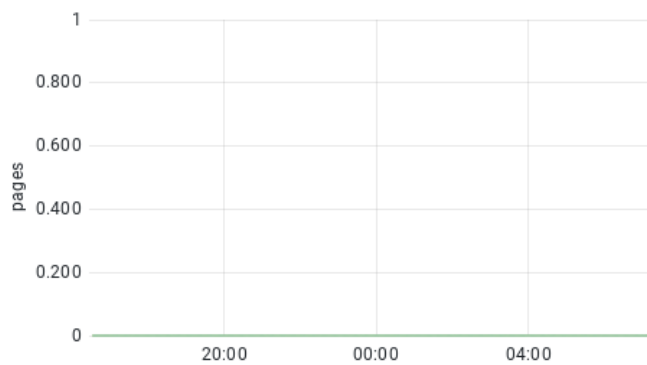
AnonHugePages - Memory in anonymous huge pages	32.00 MiB	130.00
AnonPages - Memory in user pages not backed by files	3.42 GiB	5.98

Memory Kernel / CPU



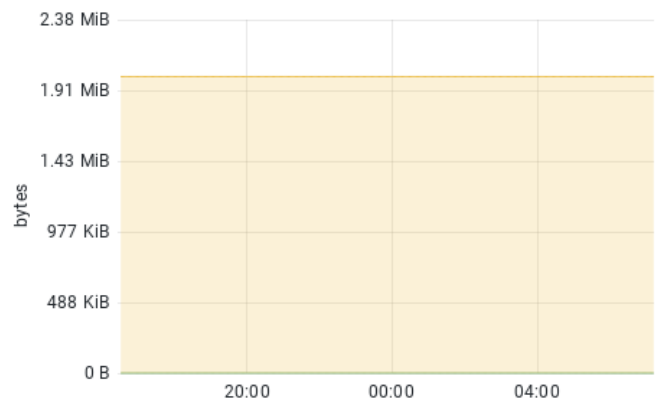
KernelStack - Kernel memory stack. This is not reclaimable	37.8
PerCPU - Per CPU memory allocated dynamically by loadable modules	66.1

Memory HugePages Counter



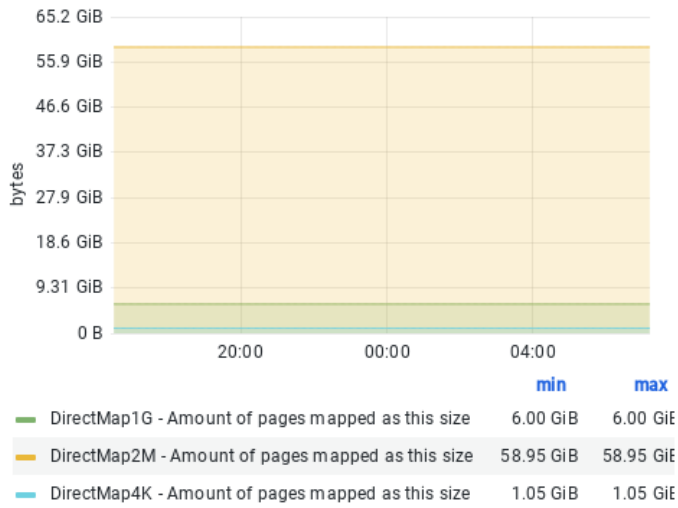
HugePages_Free - Huge pages in the pool that are not yet allocated	
HugePages_Rsvd - Huge pages for which a commitment to allocate from the pool has been made	
HugePages_Surp - Huge pages in the pool above the value in /proc/sys/vm/nr_hugepages	

Memory HugePages Size

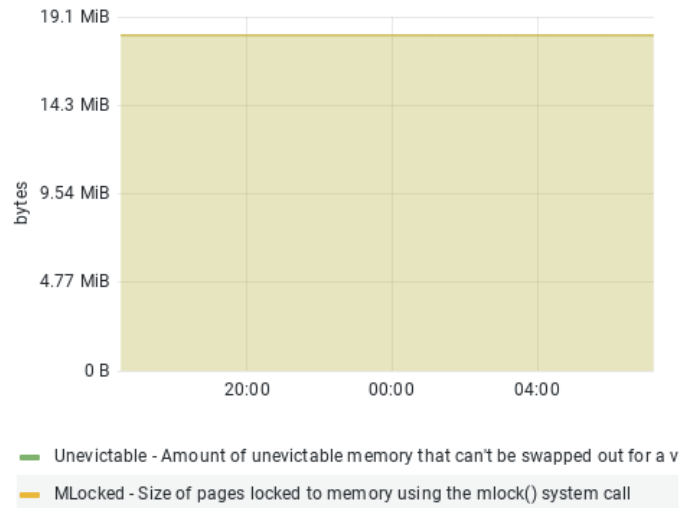


HugePages - Total size of the pool of huge pages	0 B	0 B
Hugepagesize - Huge Page size	2.00 MiB	2.00 MiB

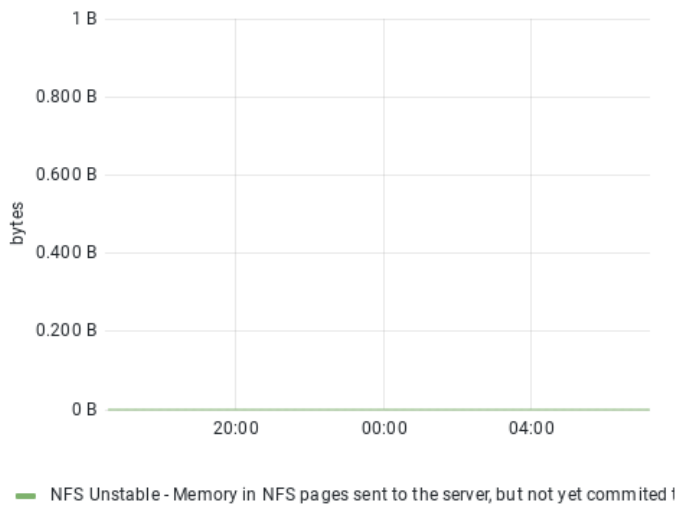
Memory DirectMap



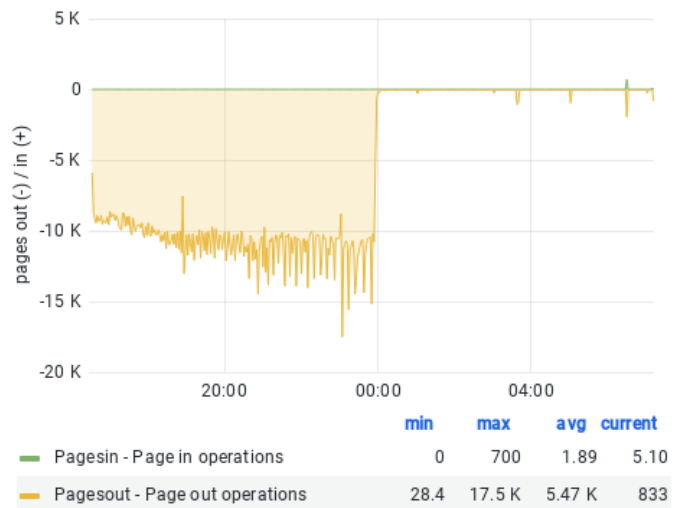
Memory Unevictable and MLocked



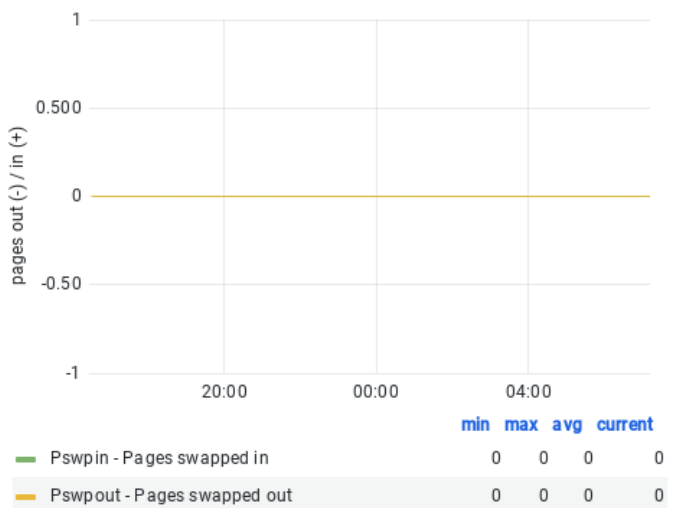
Memory NFS



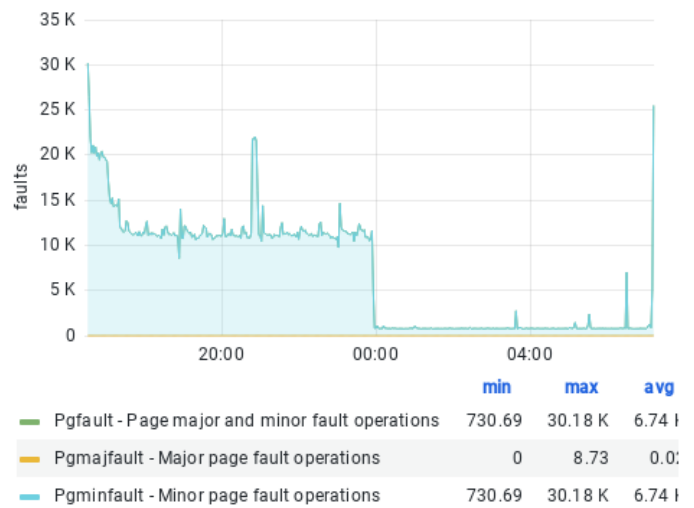
Memory Pages In / Out

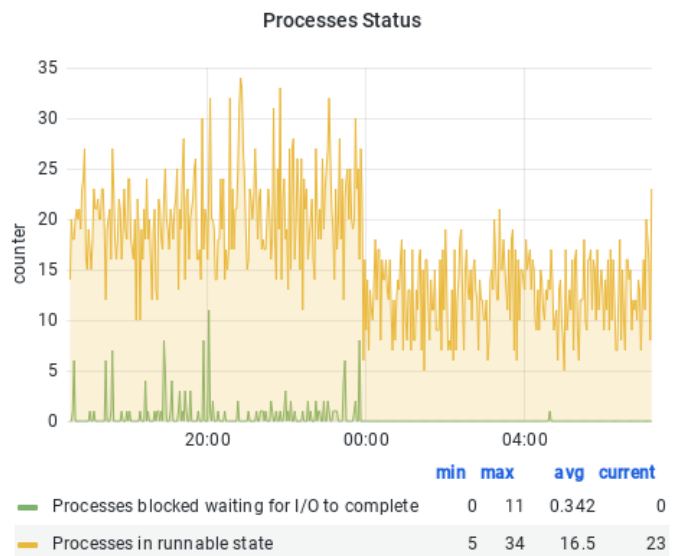
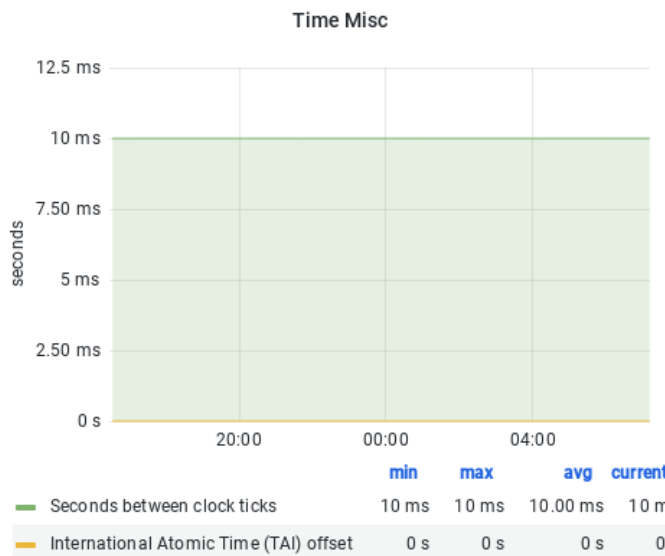
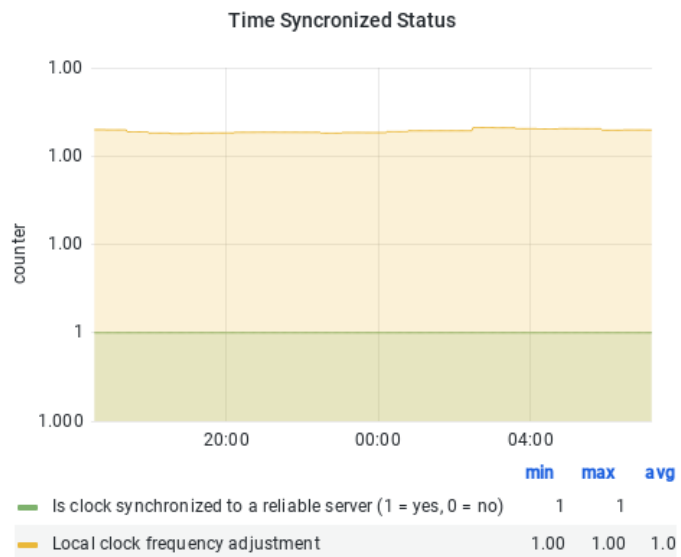
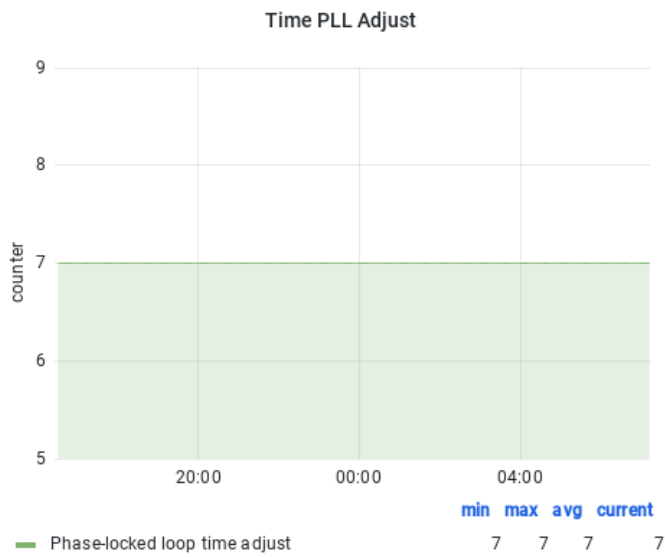
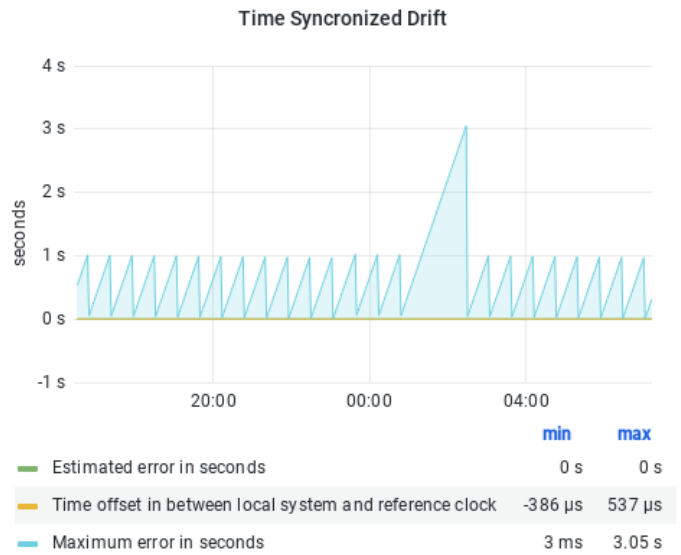
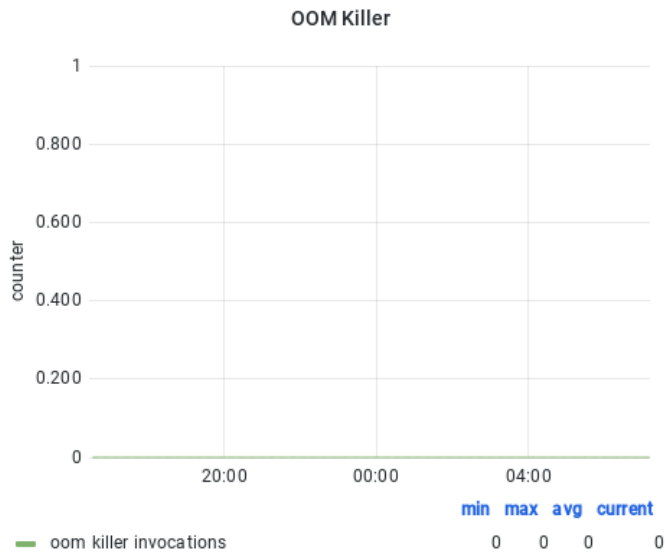


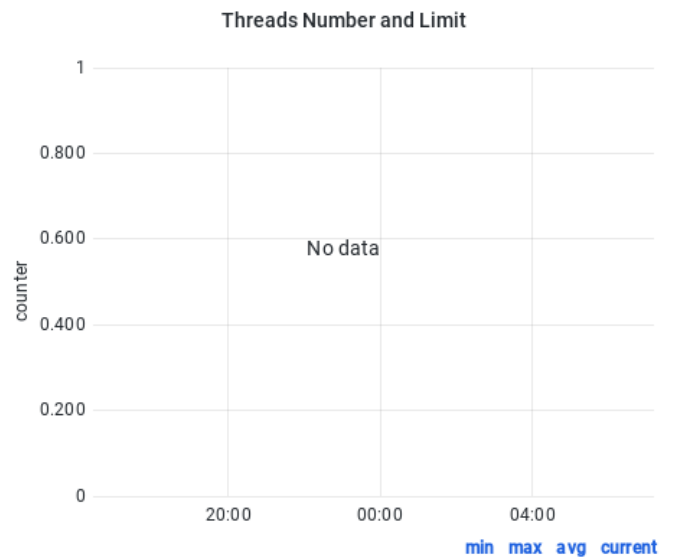
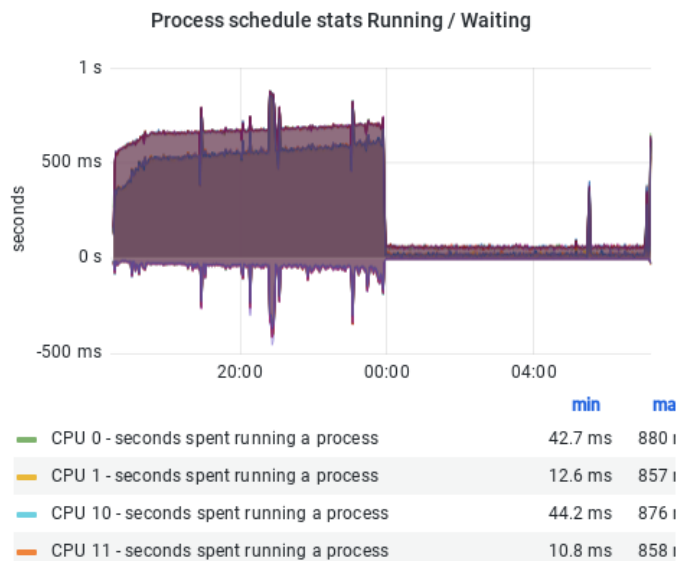
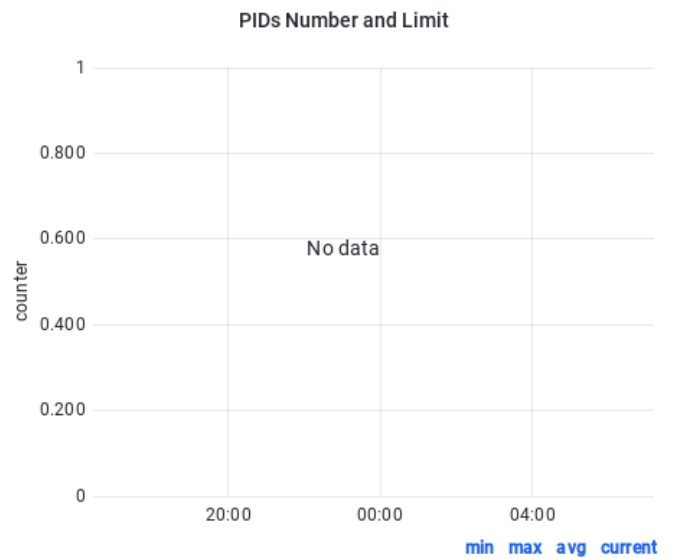
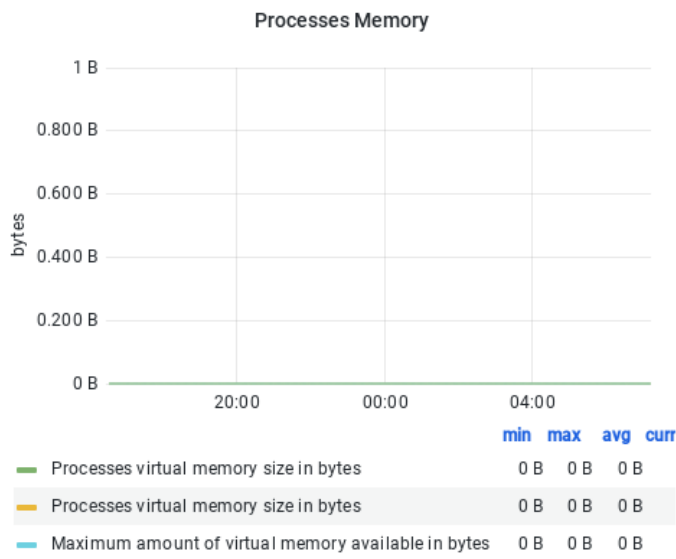
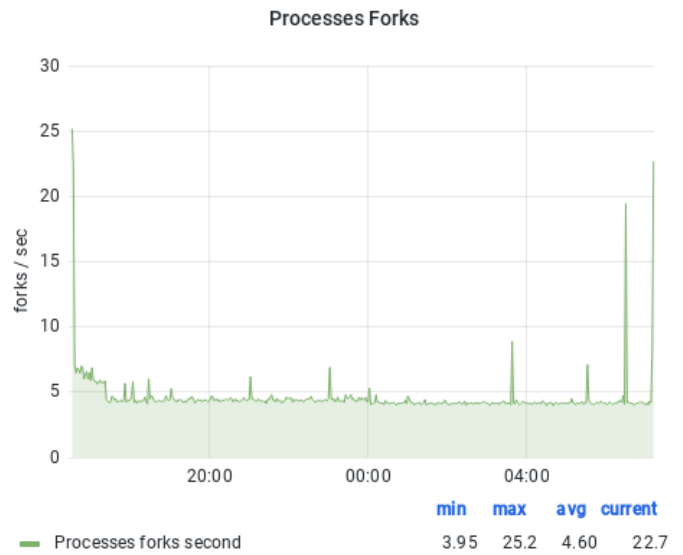
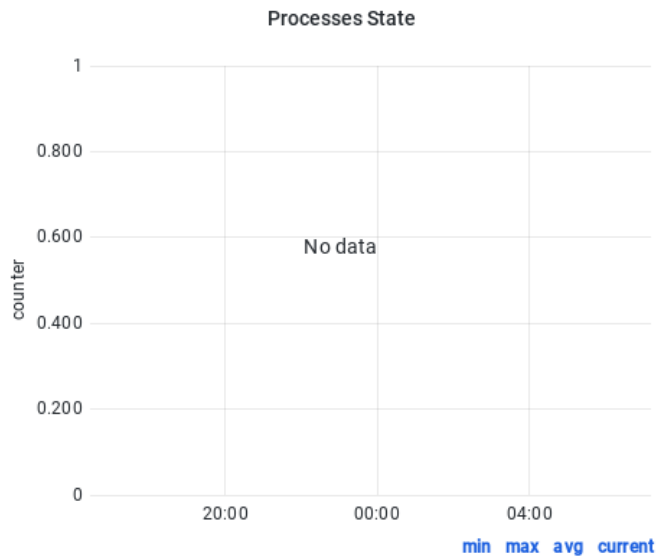
Memory Pages Swap In / Out



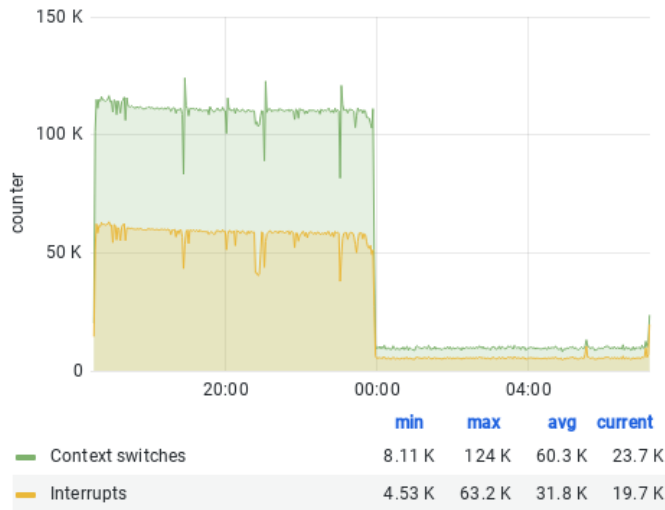
Memory Page Faults



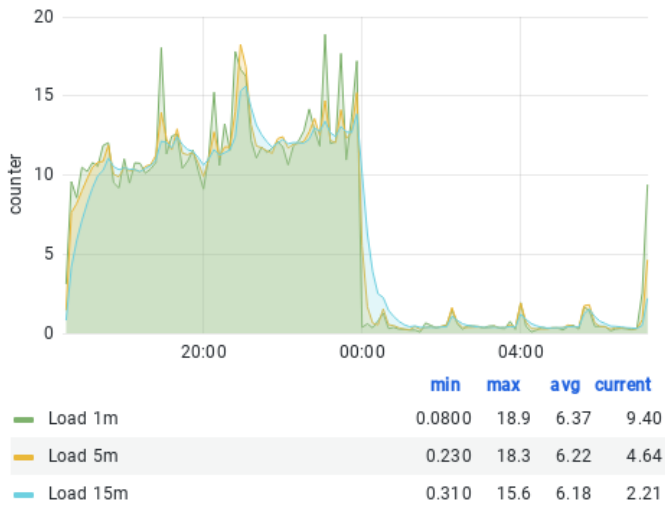




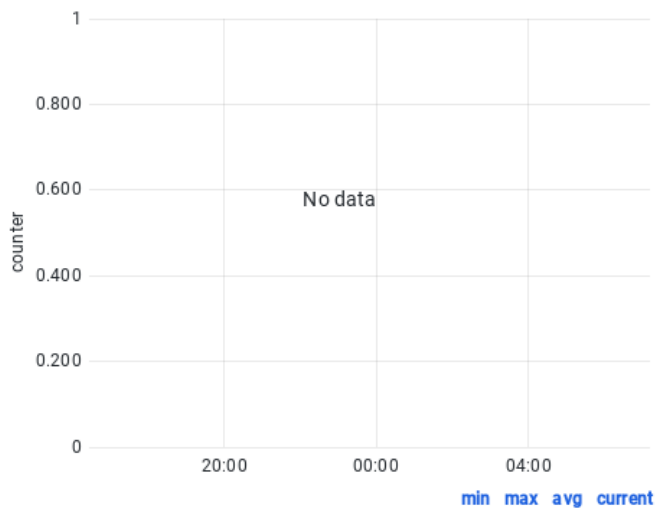
Context Switches / Interrupts



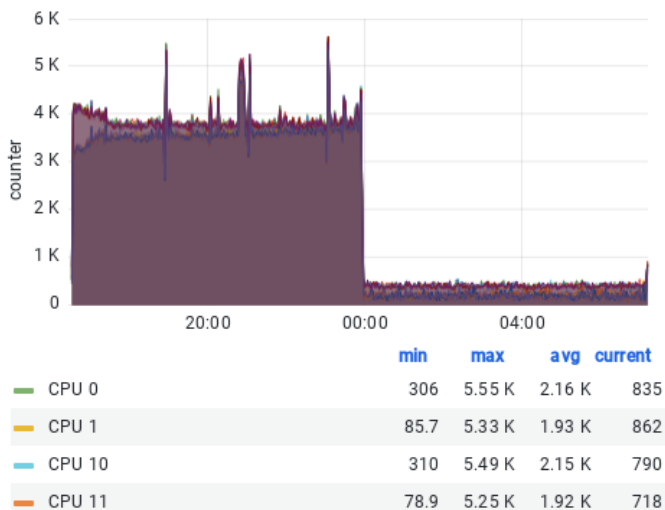
System Load



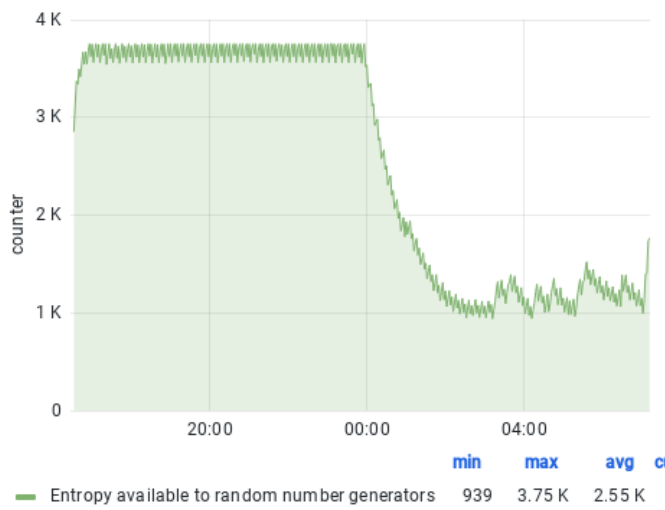
Interrupts Detail



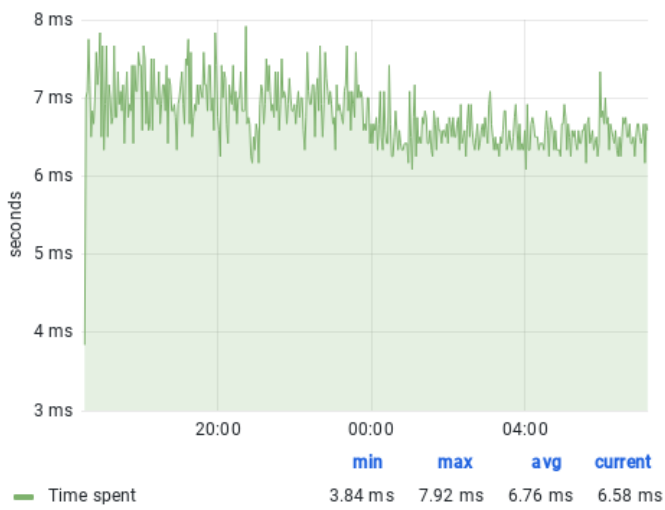
Schedule timeslices executed by each cpu



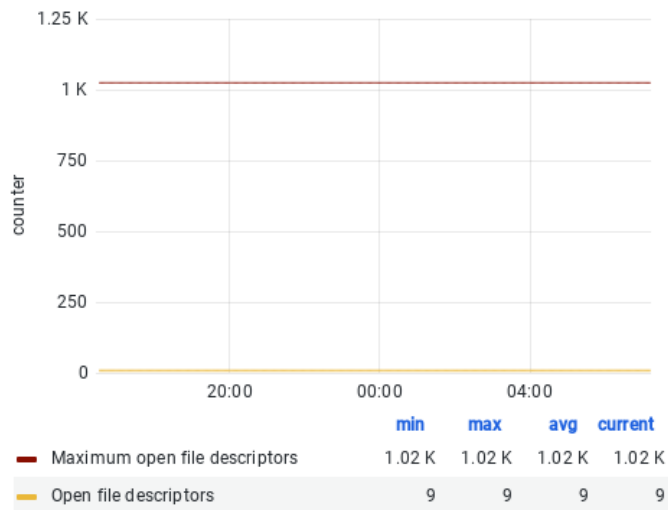
Entropy



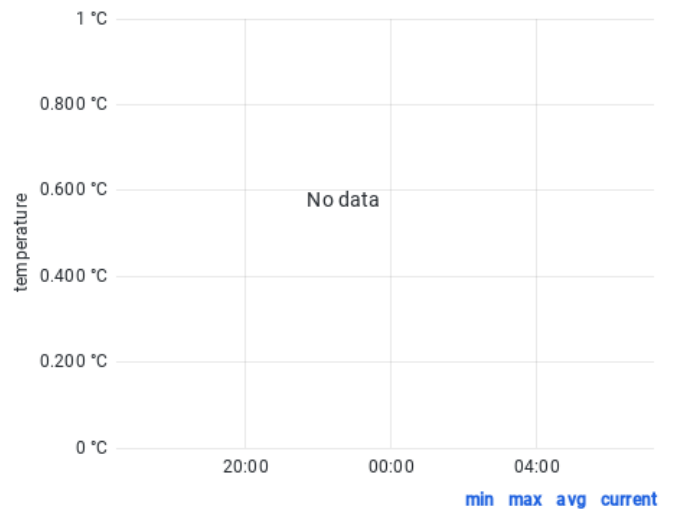
CPU time spent in user and system contexts



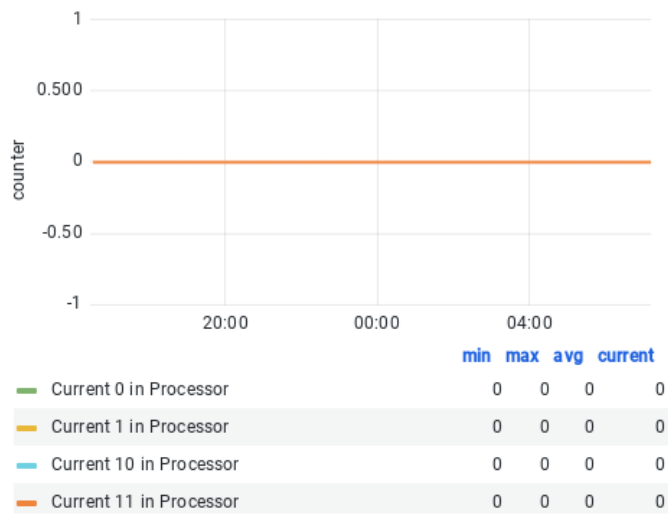
File Descriptors



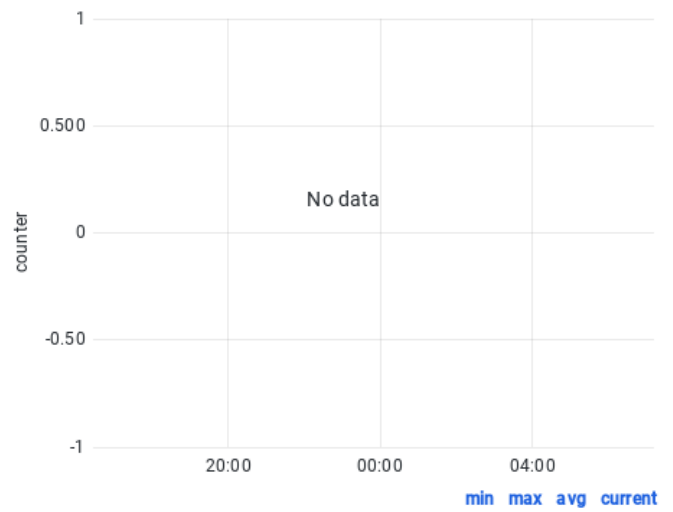
Hardware temperature monitor



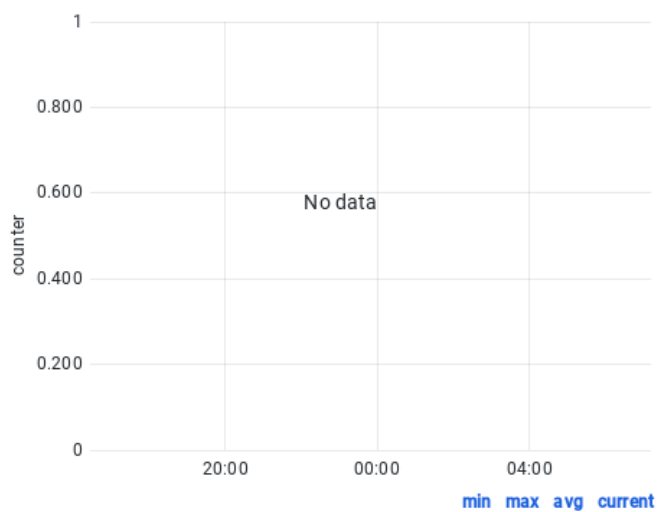
Throttle cooling device



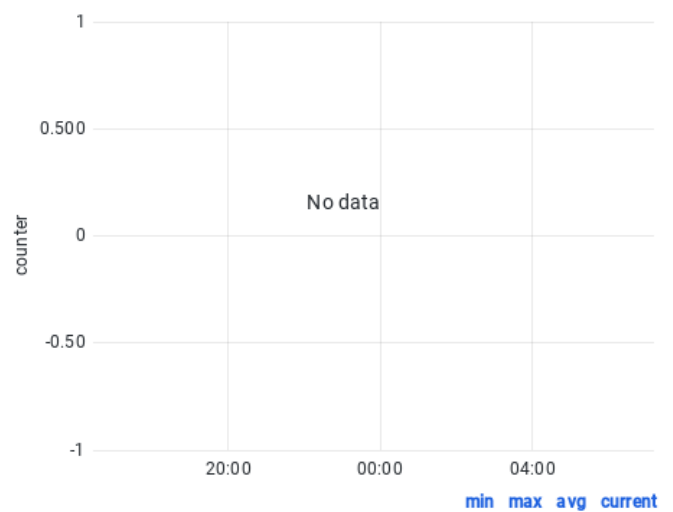
Power supply

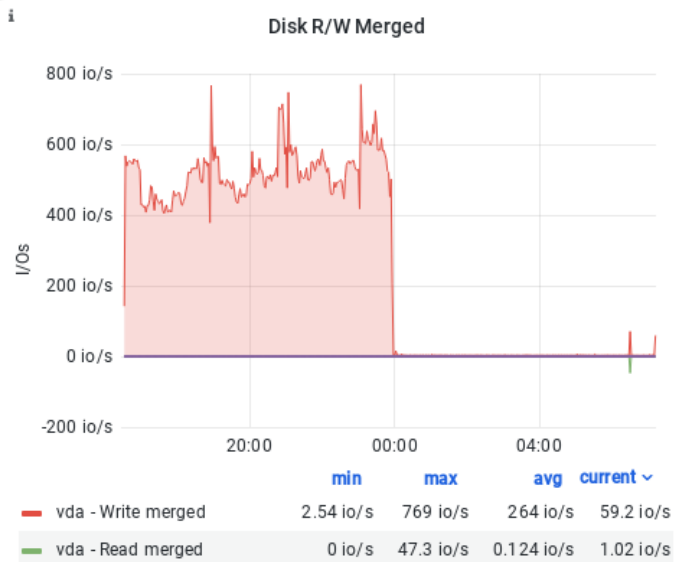
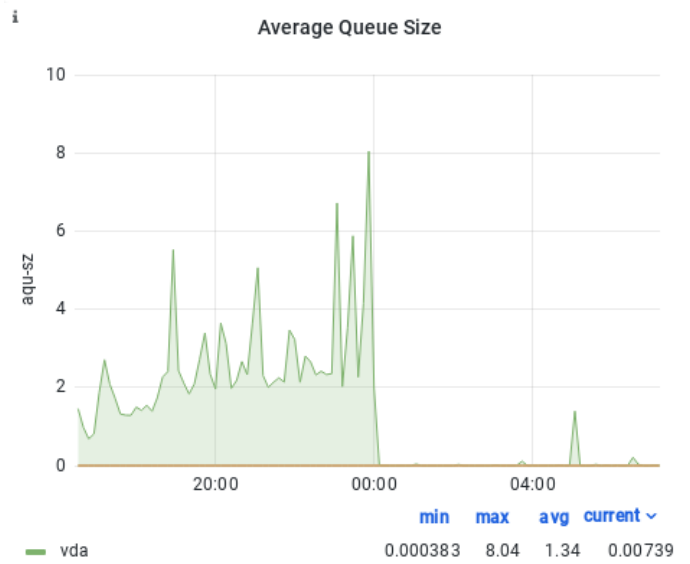
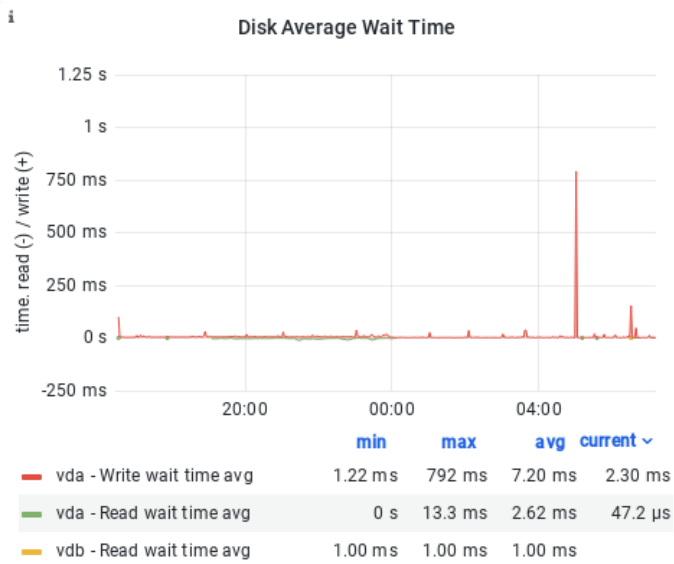
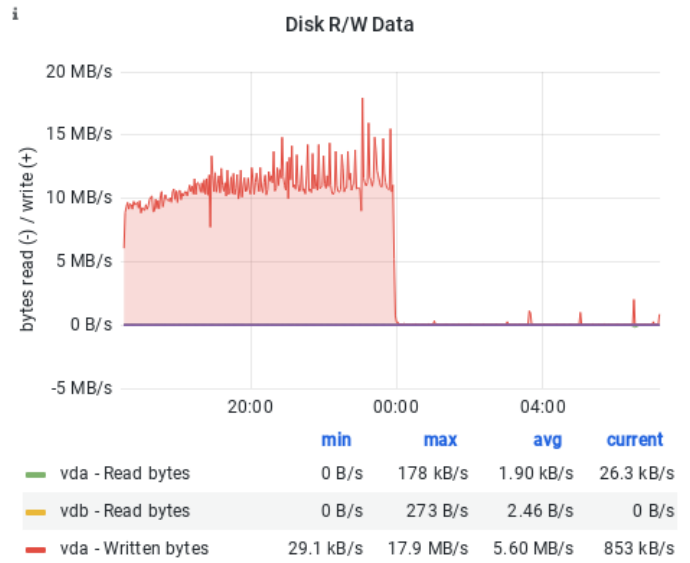
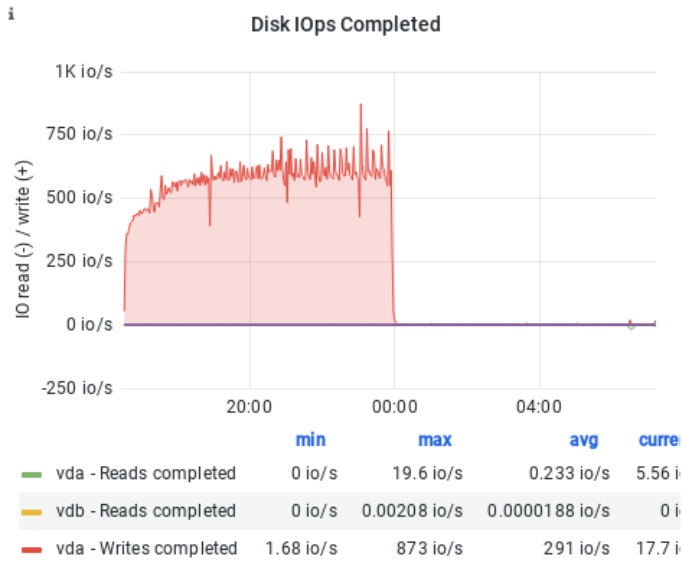


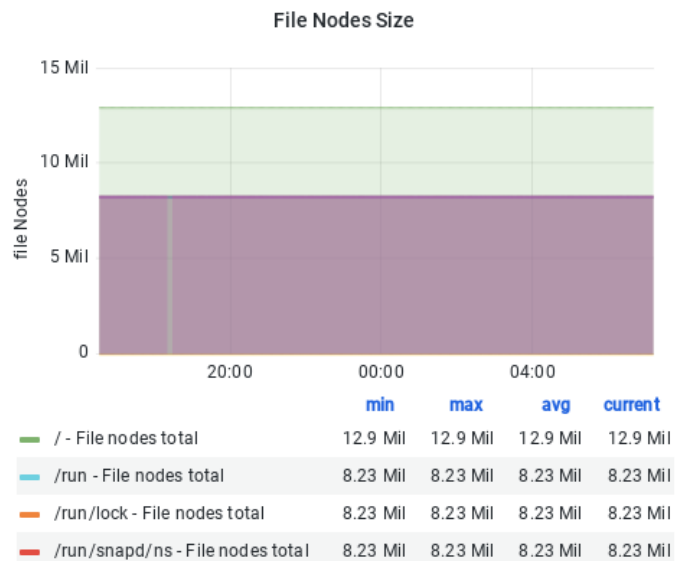
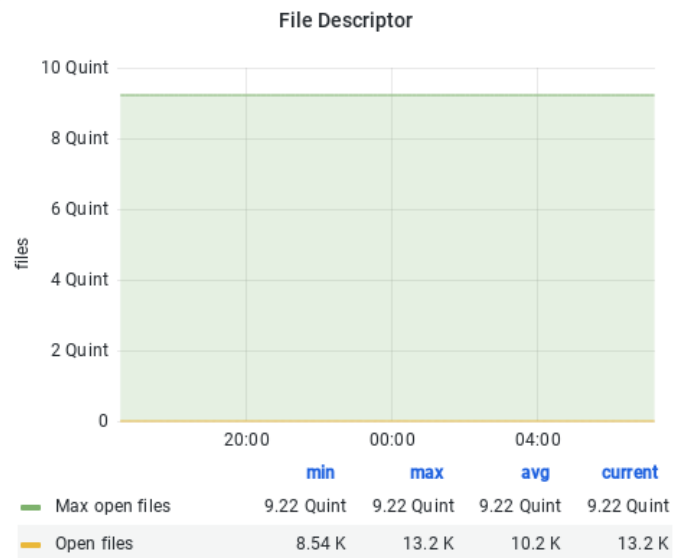
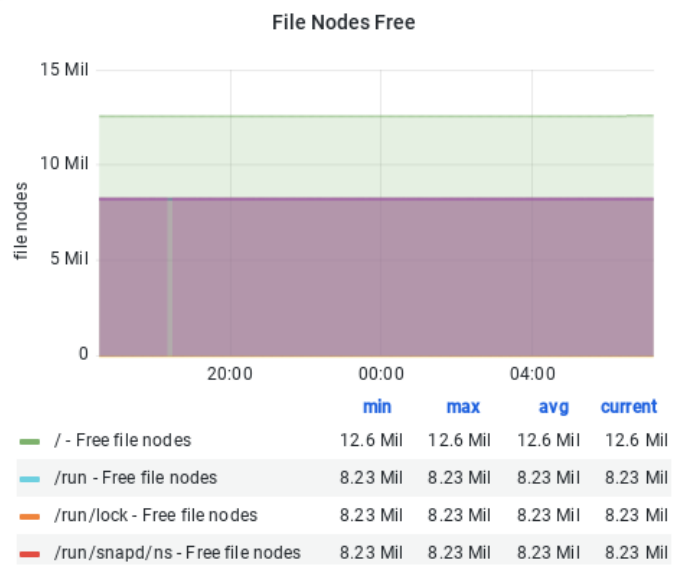
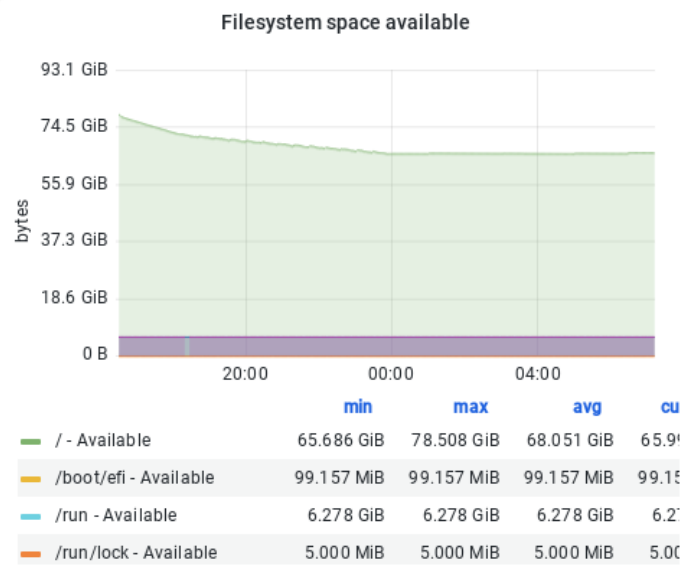
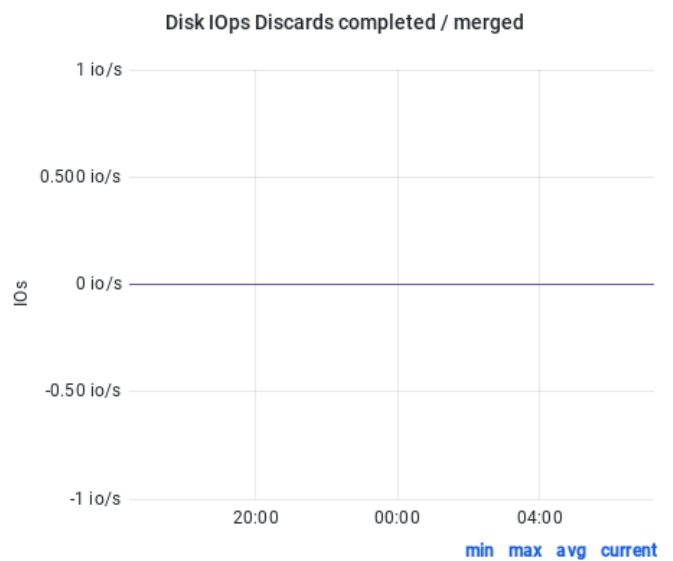
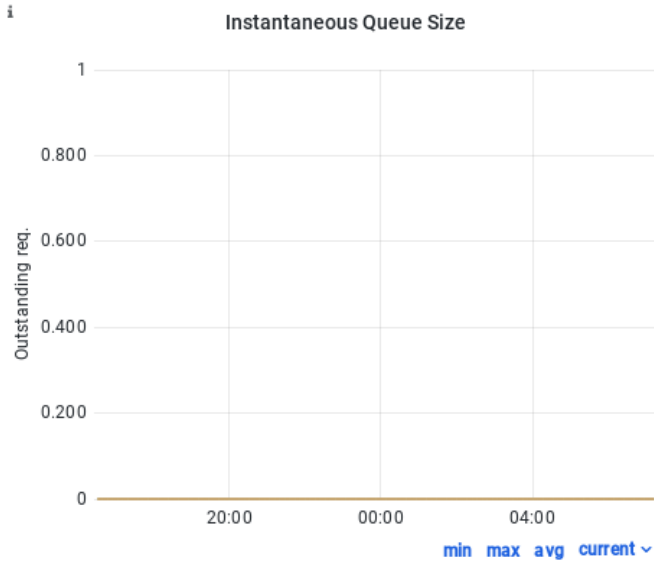
Systemd Sockets

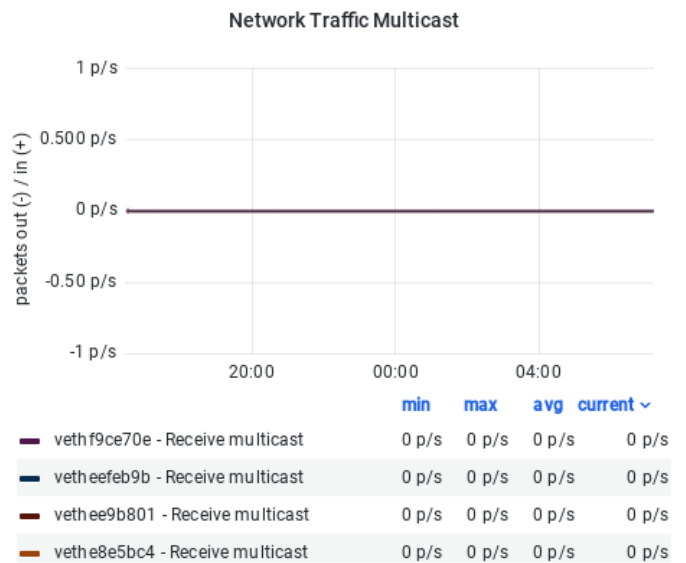
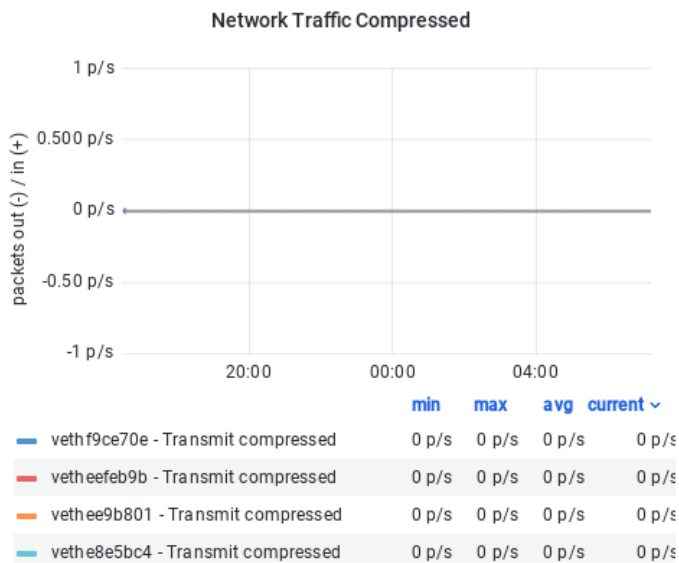
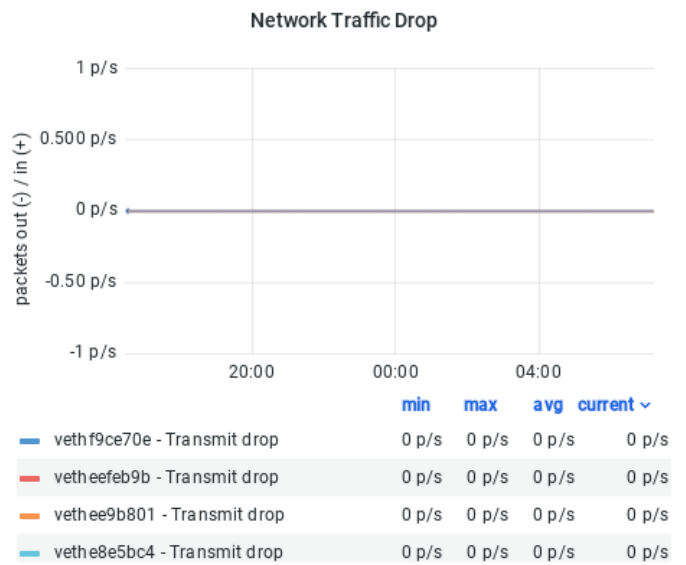
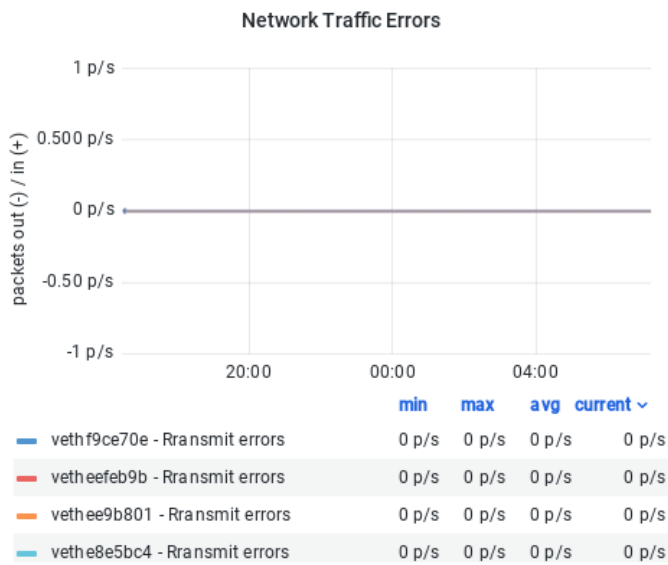
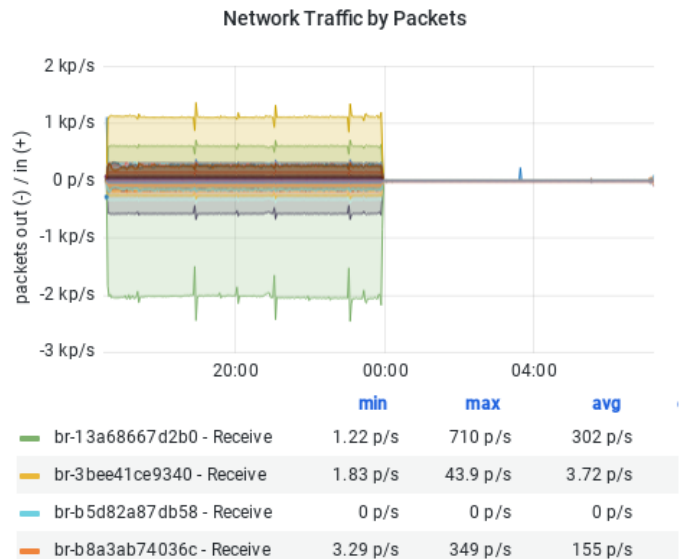
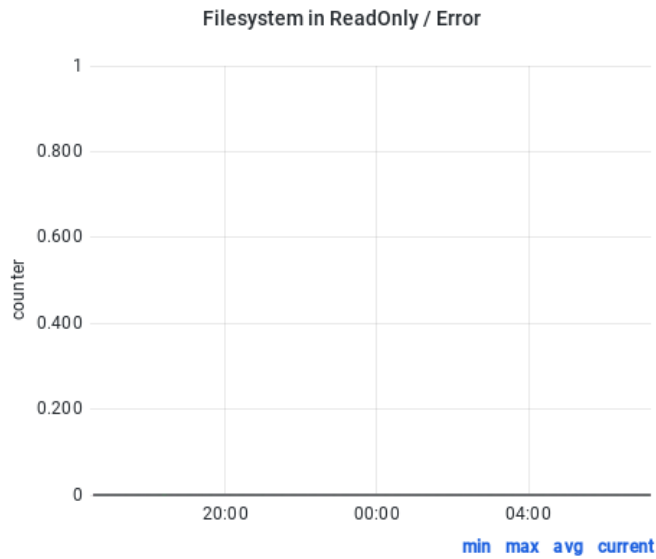


Systemd Units State

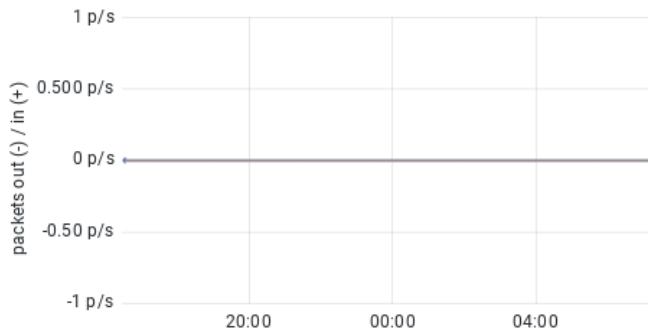






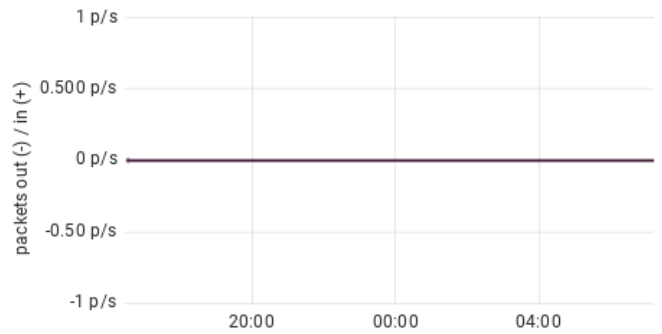


Network Traffic Fifo



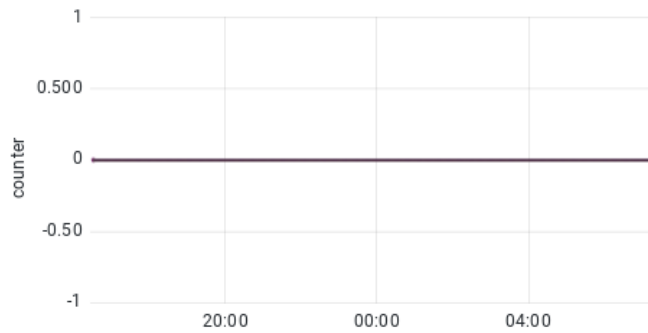
	min	max	avg	current
vethf9ce70e - Transmit fifo	0 p/s	0 p/s	0 p/s	0 p/s
vetheefeb9b - Transmit fifo	0 p/s	0 p/s	0 p/s	0 p/s
vethee9b801 - Transmit fifo	0 p/s	0 p/s	0 p/s	0 p/s
vethe8e5bc4 - Transmit fifo	0 p/s	0 p/s	0 p/s	0 p/s

Network Traffic Frame



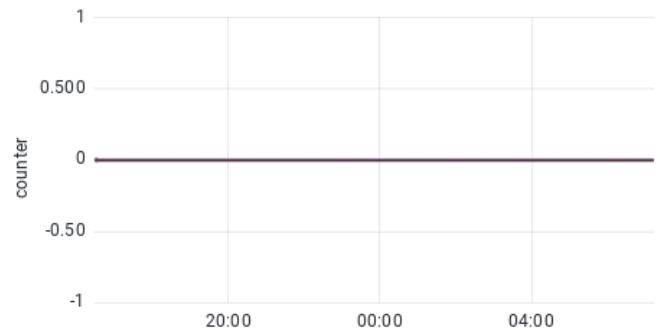
	min	max	avg	current
vethf9ce70e - Receive frame	0 p/s	0 p/s	0 p/s	0 p/s
vetheefeb9b - Receive frame	0 p/s	0 p/s	0 p/s	0 p/s
vethee9b801 - Receive frame	0 p/s	0 p/s	0 p/s	0 p/s
vethe8e5bc4 - Receive frame	0 p/s	0 p/s	0 p/s	0 p/s

Network Traffic Carrier



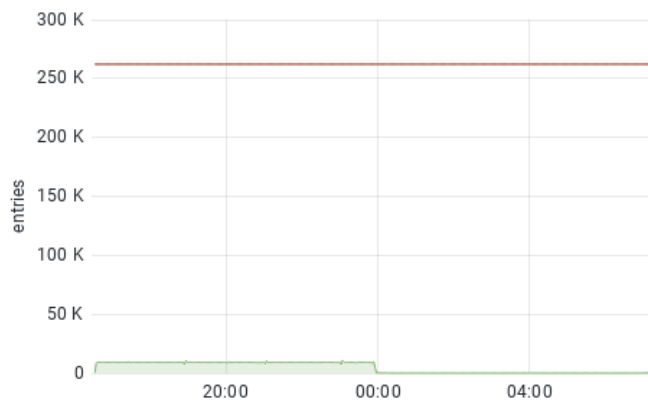
	min	max	avg	current
vethf9ce70e - Statistic transmit_carrier	0	0	0	0
vetheefeb9b - Statistic transmit_carrier	0	0	0	0
vethee9b801 - Statistic transmit_carrier	0	0	0	0
vethe8e5bc4 - Statistic transmit_carrier	0	0	0	0

Network Traffic Colls



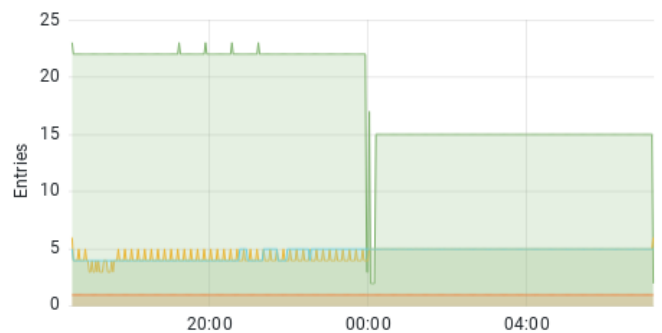
	min	max	avg	current
vethf9ce70e - Transmit colls	0	0	0	0
vetheefeb9b - Transmit colls	0	0	0	0
vethee9b801 - Transmit colls	0	0	0	0
vethe8e5bc4 - Transmit colls	0	0	0	0

NF Contrack



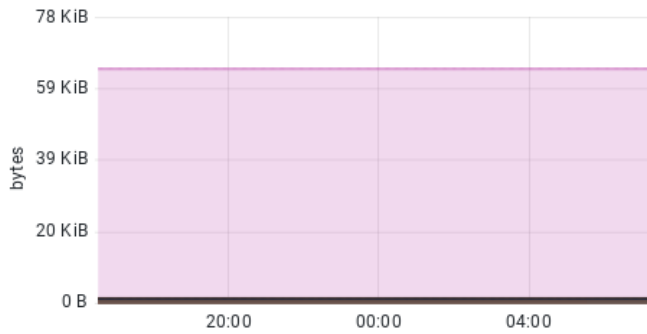
	min	max	avg	current
NF conntrack entries	54	10.8 K	4.61 K	305
NF conntrack limit	262 K	262 K	262 K	262 K

ARP Entries



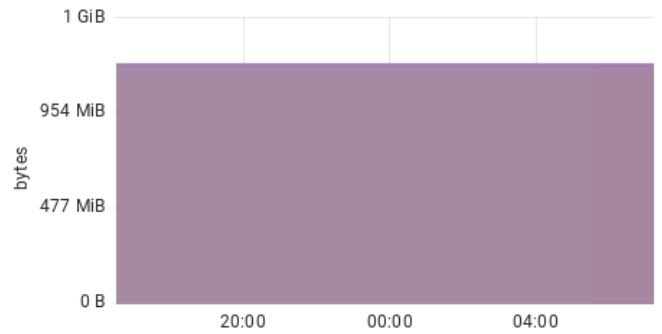
	min	max	avg	current
br-13a68667d2b0 - ARP entries	2	23	18.4	2
br-3bee41ce9340 - ARP entries	3	6	4.56	6
br-b8a3ab74036c - ARP entries	4	5	4.67	5
ens3 - ARP entries	1	1	1	1

MTU



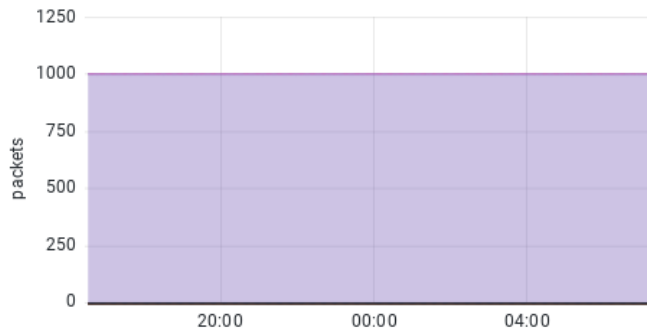
	min	max	avg	current
br-13a68667d2b0 - Bytes	1.5 KiB	1.5 KiB	1.5 KiB	1.5 KiB
br-3bee41ce9340 - Bytes	1.5 KiB	1.5 KiB	1.5 KiB	1.5 KiB
br-b5d82a87db58 - Bytes	1.5 KiB	1.5 KiB	1.5 KiB	1.5 KiB
br-b8a3ab74036c - Bytes	1.5 KiB	1.5 KiB	1.5 KiB	1.5 KiB

Speed



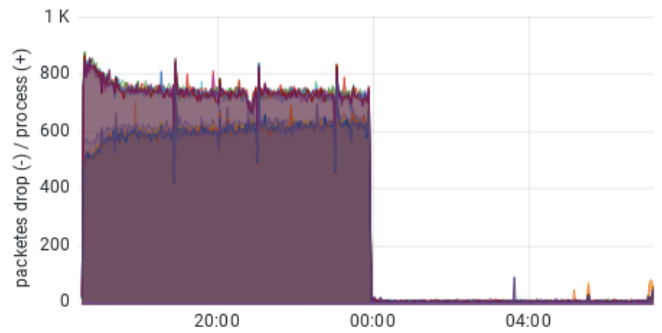
	min	max	avg	current
ens3 - Speed	-122.1 KiB	-122.1 KiB	-122.1 KiB	-122.1 KiB
veth0020c0c - Speed	1.2 GiB	1.2 GiB	1.2 GiB	1.2 GiB
veth00d654d - Speed	1.2 GiB	1.2 GiB	1.2 GiB	1.2 GiB
veth013bc91 - Speed	1.2 GiB	1.2 GiB	1.2 GiB	1.2 GiB

Queue Length



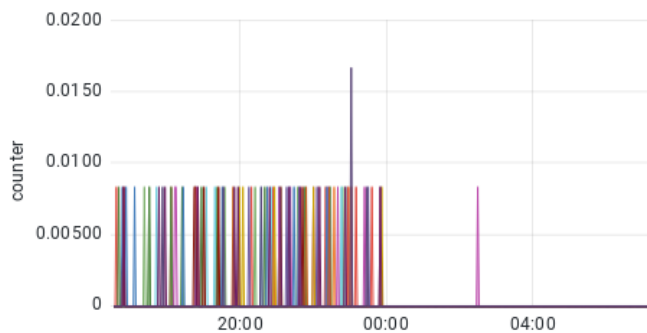
	min	max	a
br-13a68667d2b0 - Interface transmit queue length	0	0	
br-3bee41ce9340 - Interface transmit queue length	0	0	
br-b5d82a87db58 - Interface transmit queue length	0	0	
br-b8a3ab74036c - Interface transmit queue length	0	0	

Softnet Packets



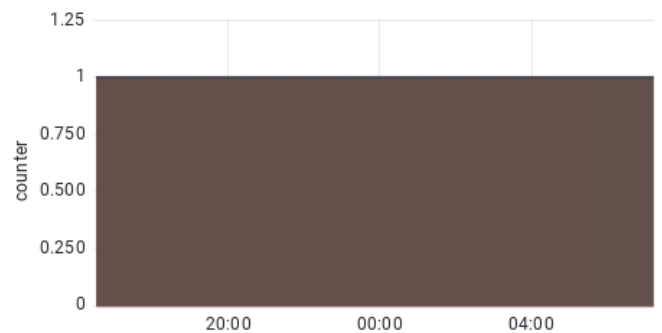
	min	max	avg	current	▼
CPU 5 - Processed	0.633	768	302	60.6	
CPU 4 - Processed	2.23	847	375	58.8	
CPU 12 - Processed	2.37	854	378	53.7	
CPU 2 - Processed	2.13	878	377	52.9	

Softnet Out of Quota



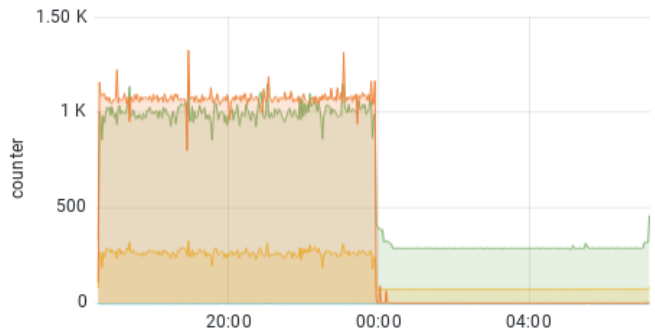
	min	max	avg	current	▼
CPU 9 - Squeezed	0	0.0167	0.000113	0	
CPU 8 - Squeezed	0	0.00833	0.000246	0	
CPU 7 - Squeezed	0	0	0	0	
CPU 6 - Squeezed	0	0.00833	0.000113	0	

Network Operational Status



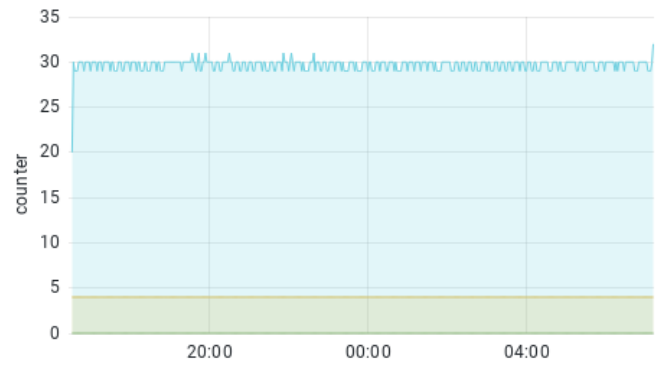
	min	max	avg	current	▼
vethf9ce70e - Physical link state	1	1	1	1	
vetheefeb9b - Physical link state	1	1	1	1	
vethee9b801 - Physical link state	1	1	1	1	
vethe8e5bc4 - Physical link state	1	1	1	1	

Sockstat TCP



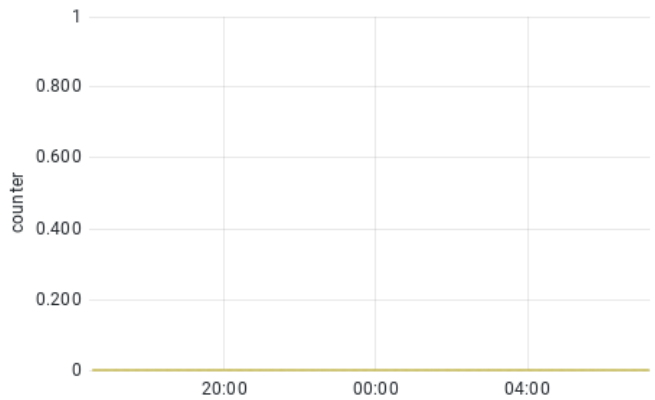
	min	max	avg	current
TCP_alloc - Allocated sockets	287	1.16 K	651	463
TCP_inuse - Tcp sockets currently in use	76	332	172	85
TCP_orphan - Orphan sockets	0	4	0.236	0
TCP_tw - Sockets wating close	4	1.33 K	541	5

Sockstat UDP



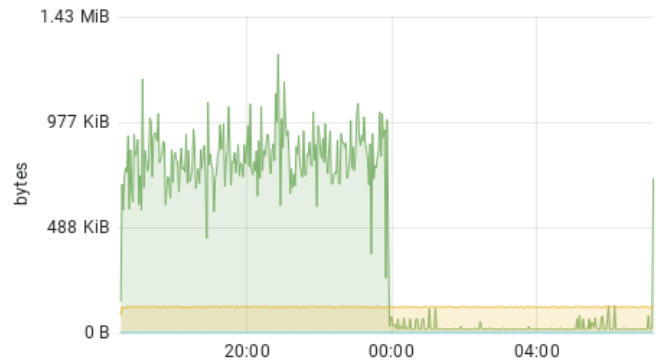
	min	max	avg	current
UDPLITE_inuse - Udplite sockets currently in use	0	0	0	0
UDP_inuse - Udp sockets currently in use	4	4	4	4
UDP_mem - Used memory for udp	20	32	29.7	32

Sockstat FRAG / RAW



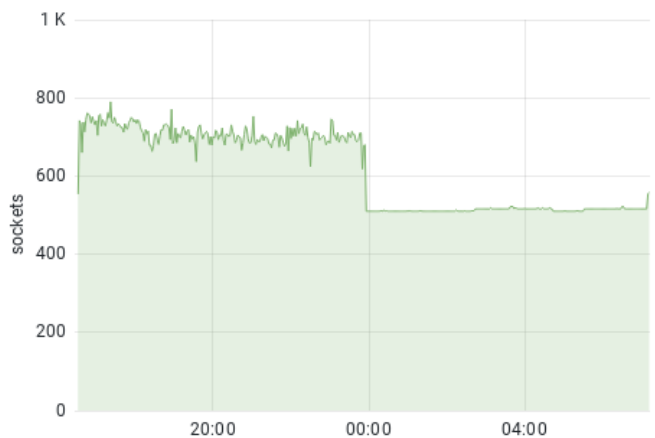
	min	max	avg	current
FRAG_inuse - Frag sockets currently in use	0	0	0	0
RAW_inuse - Raw sockets currently in use	0	0	0	0

Sockstat Memory Size



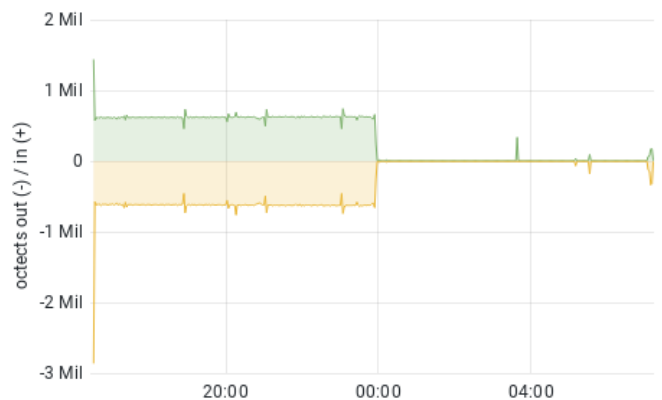
	min	max	avg	current
mem_bytes - TCP sockets in that state	16 KiB	1.26 MiB	421 KiB	716
mem_bytes - UDP sockets in that state	80 KiB	128 KiB	119 KiB	128
FRAG_memory - Used memory for frag	0 B	0 B	0 B	0

Sockstat Used

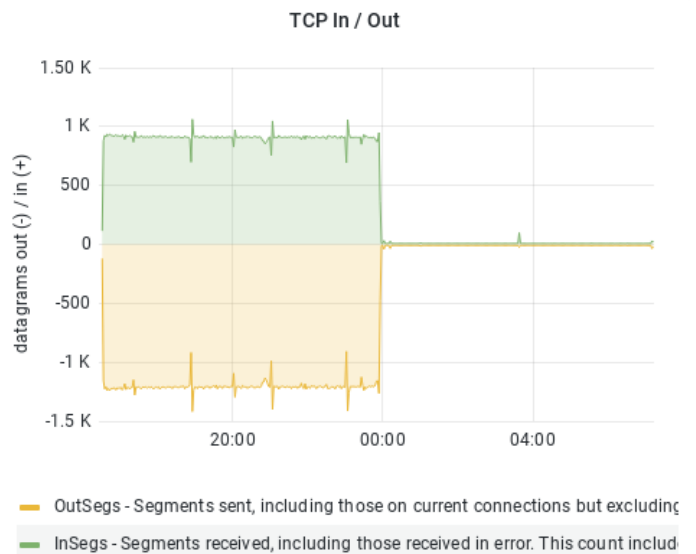
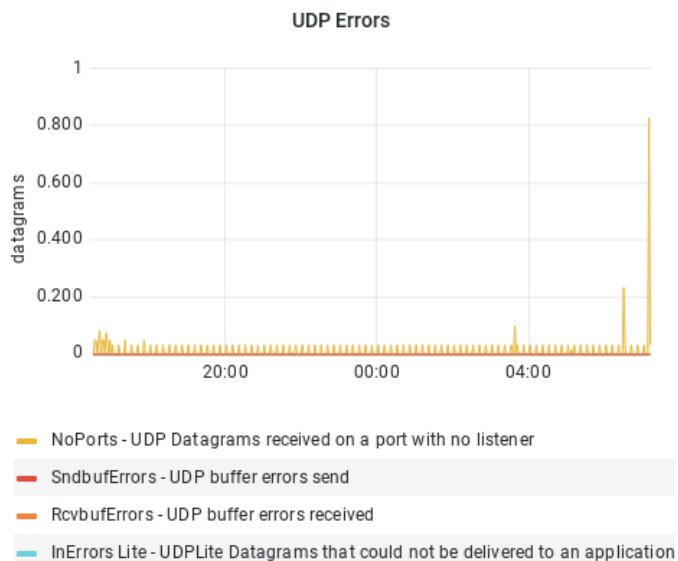
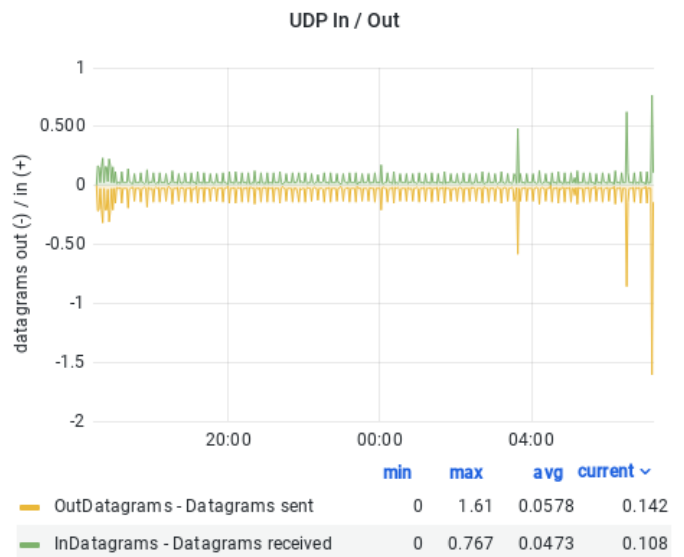
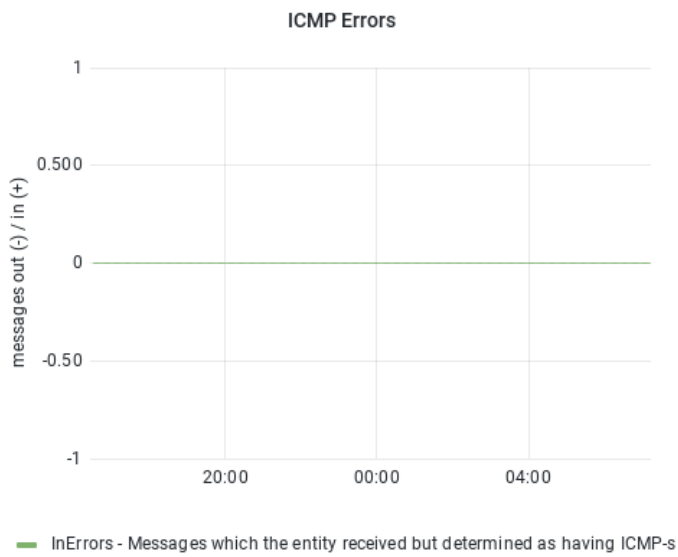
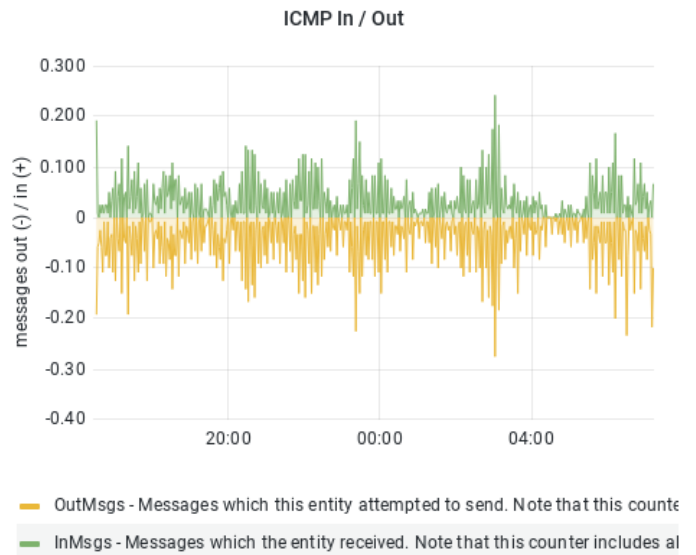
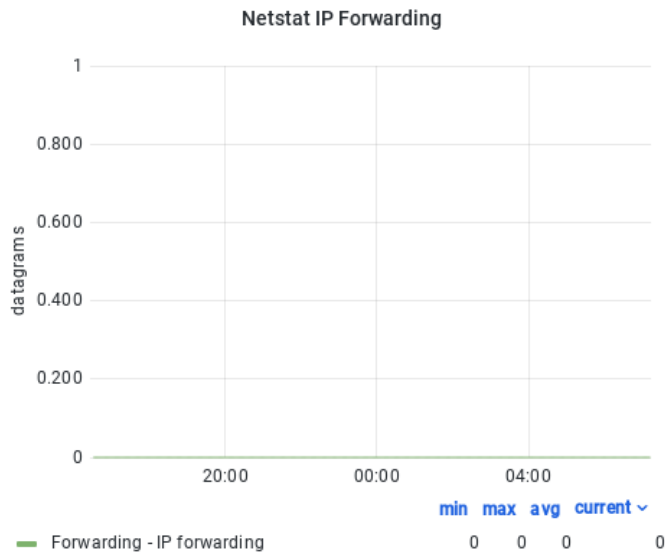


	min	max	avg	current
Sockets_used - Sockets currently in use	510	790	612	558

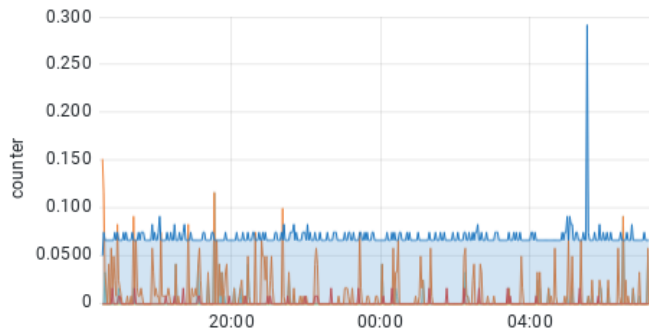
Netstat IP In / Out Octets



	min	max	avg	current
OutOctets - Sent octets	5.61 K	2.86 Mil	324 K	7.22 K
InOctets - Received octets	4.21 K	1.44 Mil	319 K	5.52 K

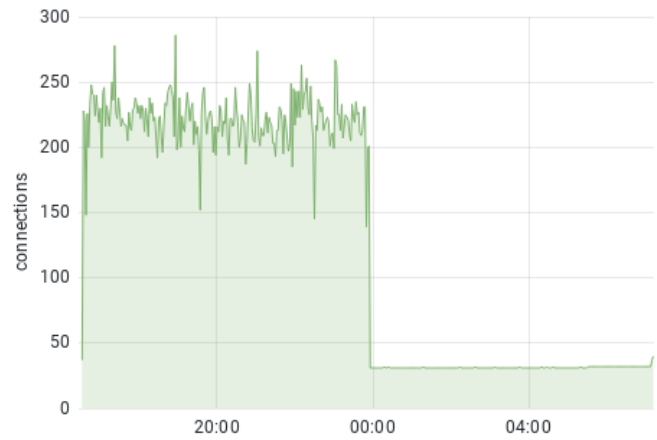


TCP Errors



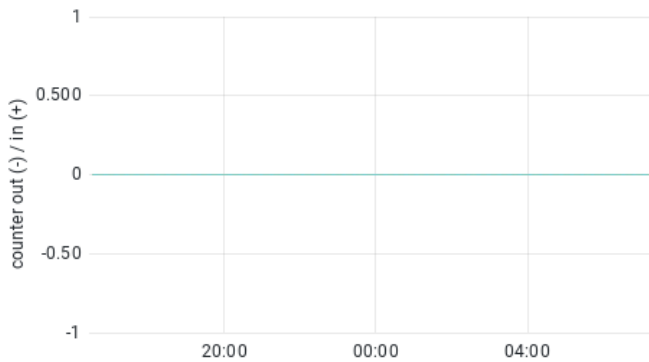
OutRsts - Segments sent with RST flag
 InErrs - Segments received in error (e.g., bad TCP checksums)
 RetransSegs - Segments retransmitted - that is, the number of TCP segments tr
 TCPSynRetrans - SYN-SYN/ACK retransmits to break down retransmissions in

TCP Connections



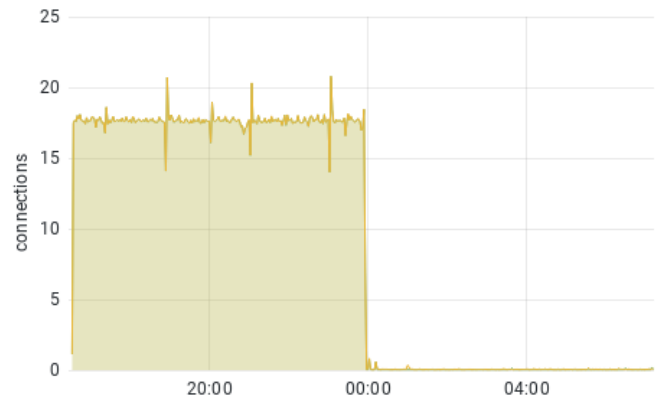
CurrEstab - TCP connections for which the current state is either ESTABLISHED

TCP SynCookie



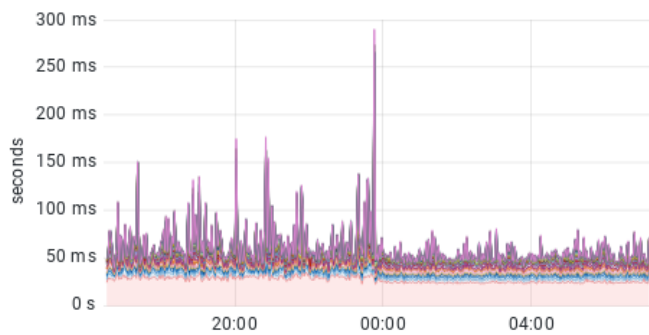
	min	max	avg	current
SyncookiesSent - SYN cookies sent	0	0	0	0
SyncookiesRecv - SYN cookies received	0	0	0	0
SyncookiesFailed - Invalid SYN cookies received	0	0	0	0

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	23.4 ms	43.9 ms	28.0 ms	28.8
netdev - Scrape duration	1.14 ms	17.8 ms	3.74 ms	6.26
cpu - Scrape duration	889 μs	17.9 ms	3.12 ms	5.29
filesystem - Scrape duration	974 μs	16.2 ms	2.87 ms	5.29

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