

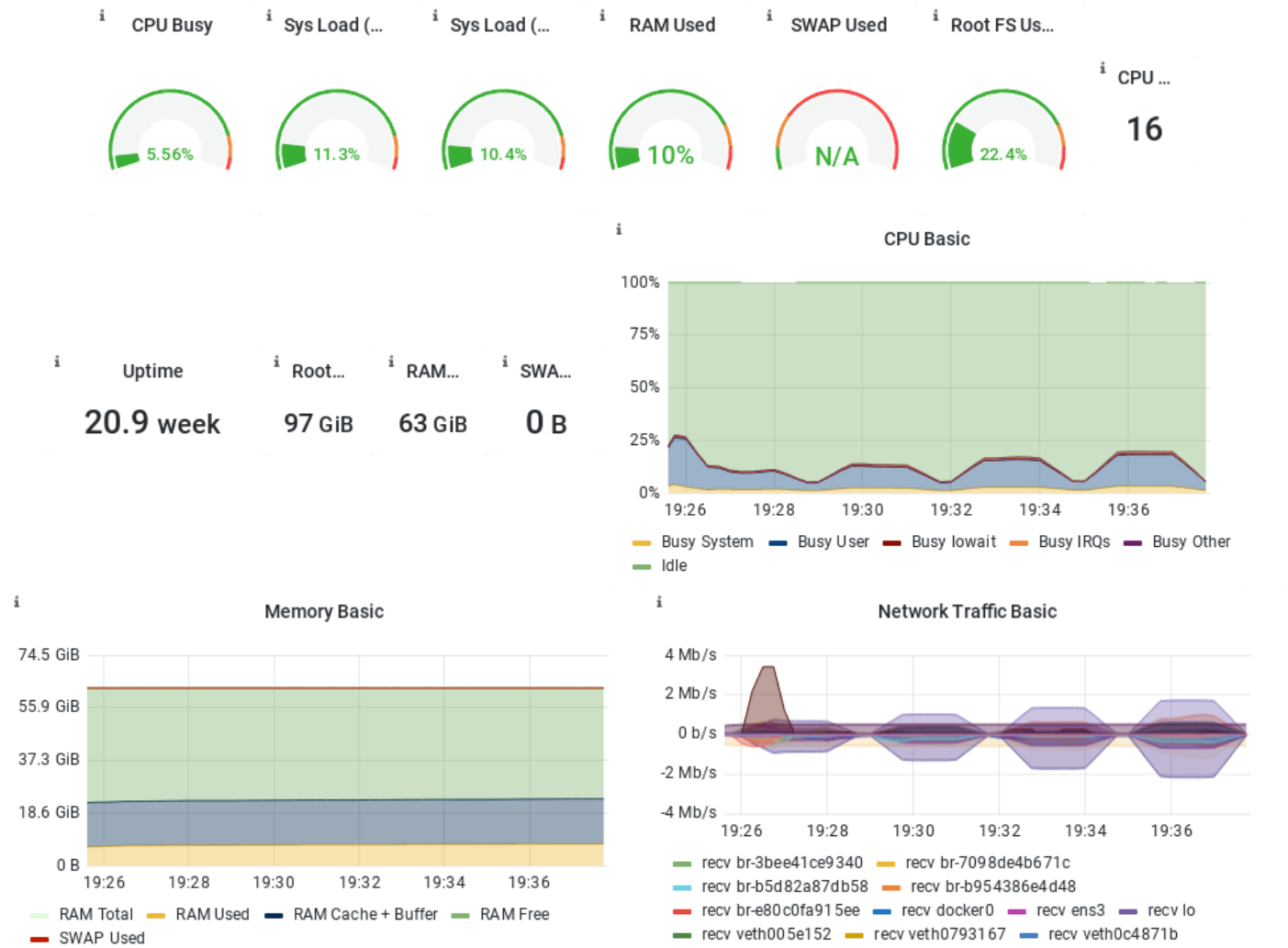
Host Metrics

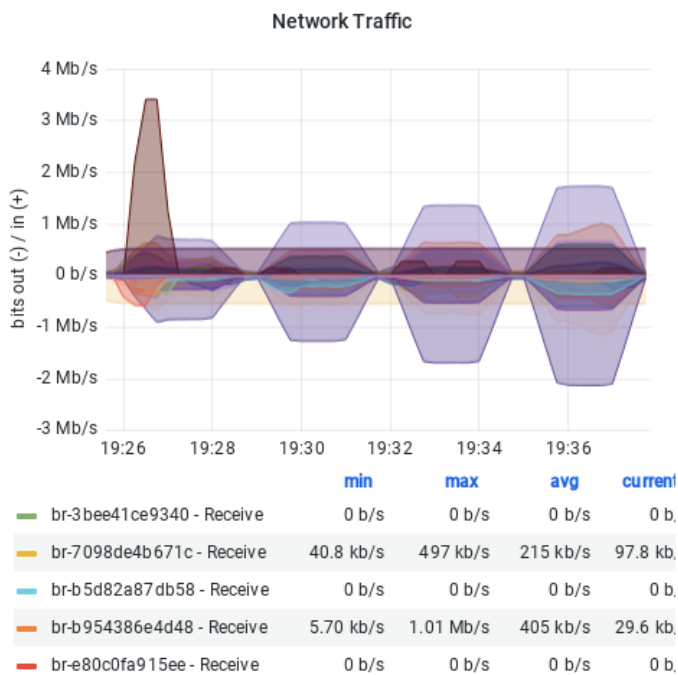
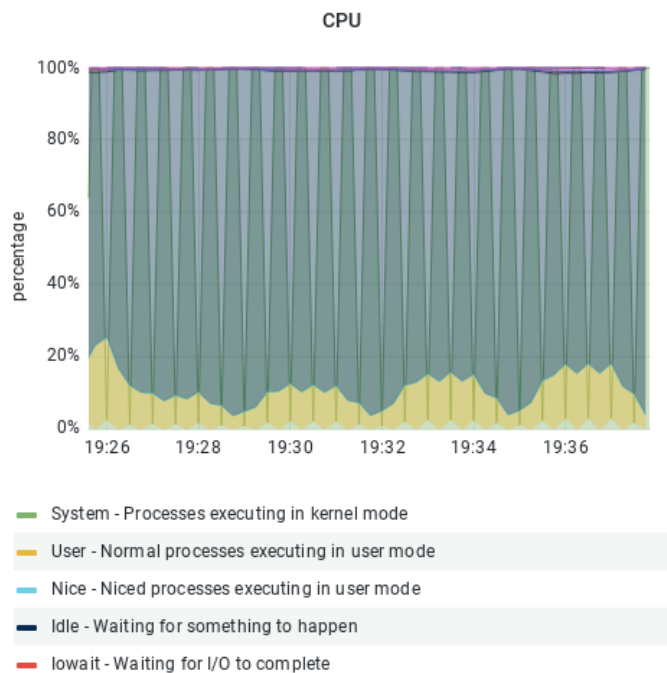
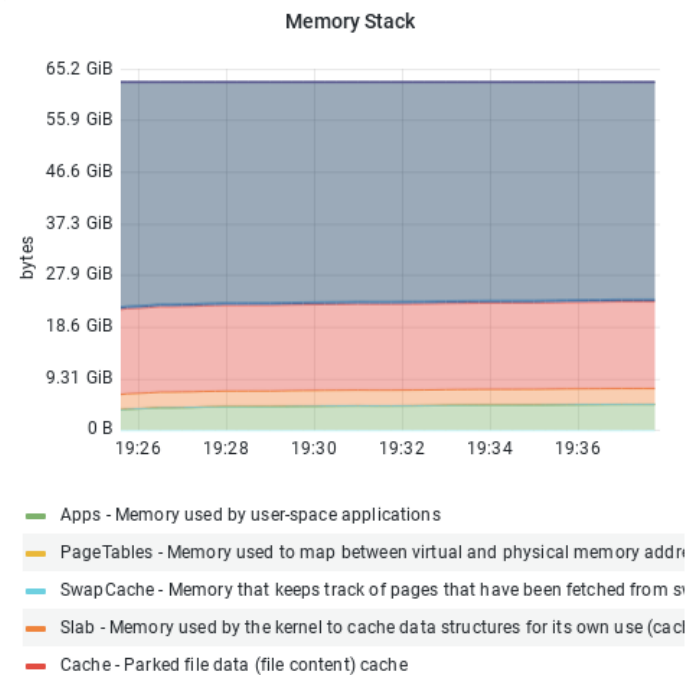
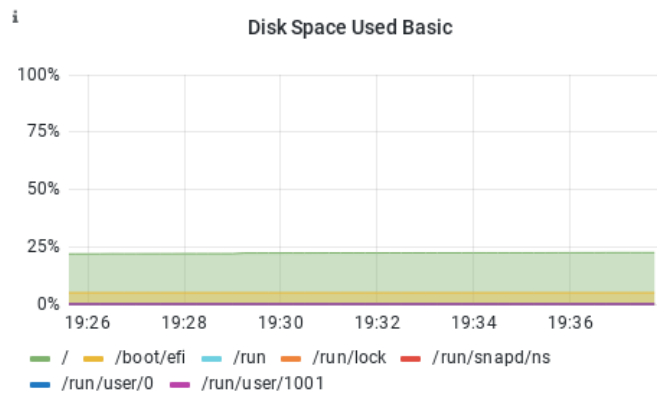
The dashboard visualizes host metrics collected by node_exporter. (based on: <https://grafana.com/grafana/dashboards/1860>)

Mon Mar 7 19:25:36 UTC 2022

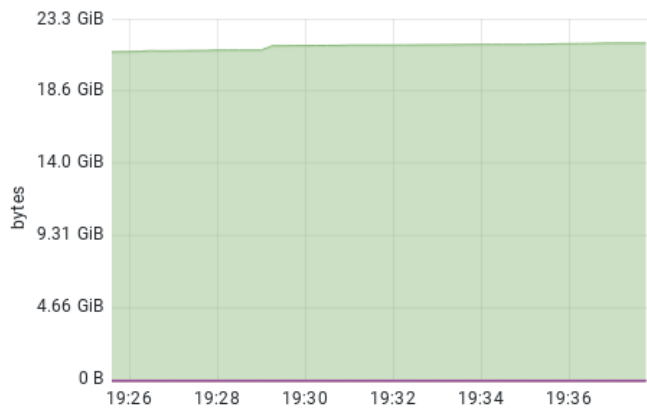
to

Mon Mar 7 19:37:51 UTC 2022



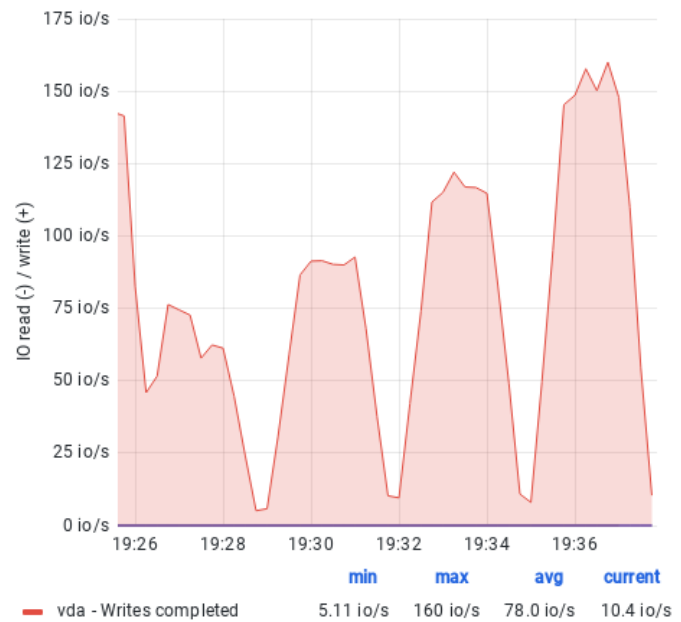


Disk Space Used



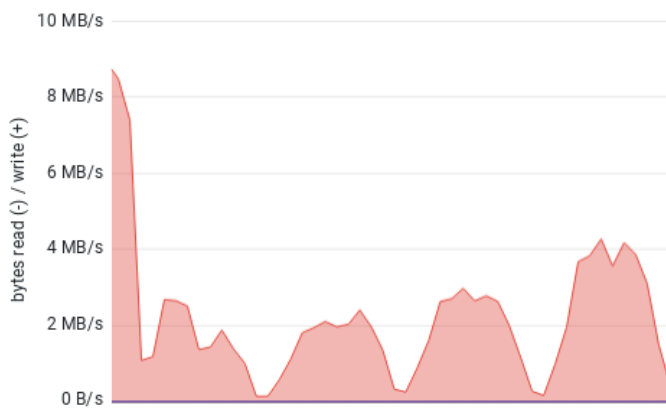
	min	max	avg	current ^
/run/lock	0 B	0 B	0 B	0 B
/run/user/0	0 B	0 B	0 B	0 B
/run/user/1001	0 B	0 B	0 B	0 B
/run	3.777 MiB	3.781 MiB	3.777 MiB	3.777 MiB
/run/snapd/ns	3.777 MiB	3.781 MiB	3.777 MiB	3.777 MiB

Disk IOps



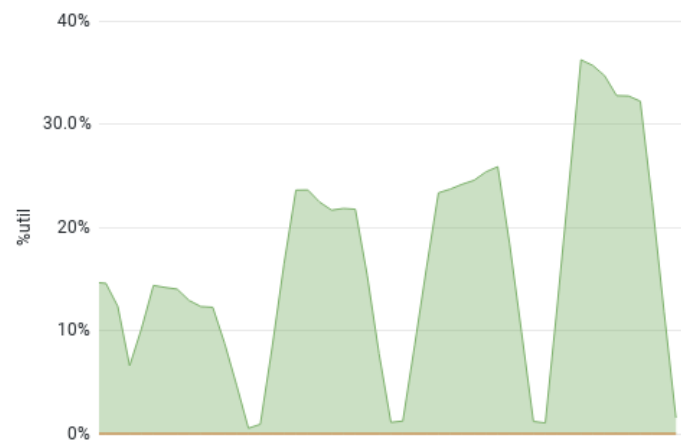
	min	max	avg	current
vda - Writes completed	5.11 io/s	160 io/s	78.0 io/s	10.4 io/s

I/O Usage Read / Write



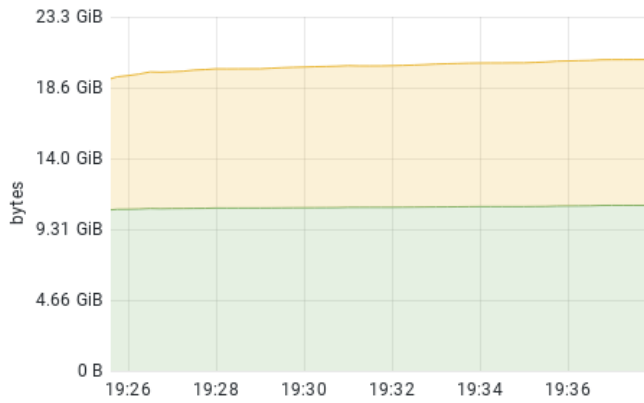
	min	max	avg
vda - Successfully read bytes	0 B/s	0 B/s	0 B/s
vdb - Successfully read bytes	0 B/s	0 B/s	0 B/s
vdc - Successfully read bytes	0 B/s	0 B/s	0 B/s
vdd - Successfully read bytes	0 B/s	0 B/s	0 B/s
vda - Successfully written bytes	138.081 kB/s	8.902 MB/s	2.278 MB/s

I/O Utilization



	min	max	avg	current
vda	0.524%	36.213%	16.336%	1.529%
vdb	0%	0%	0%	0%
vdc	0%	0%	0%	0%
vdd	0%	0%	0%	0%

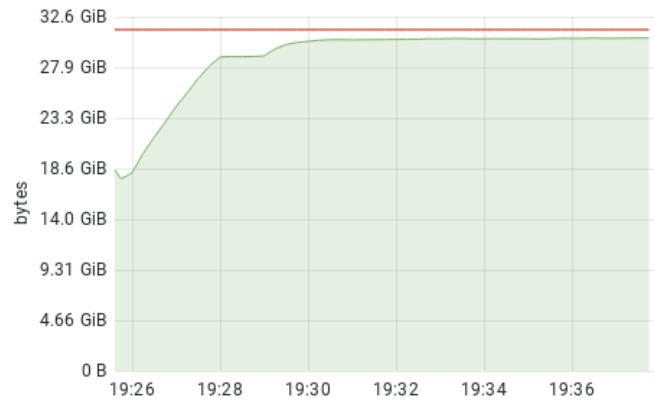
Memory Active / Inactive



— 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

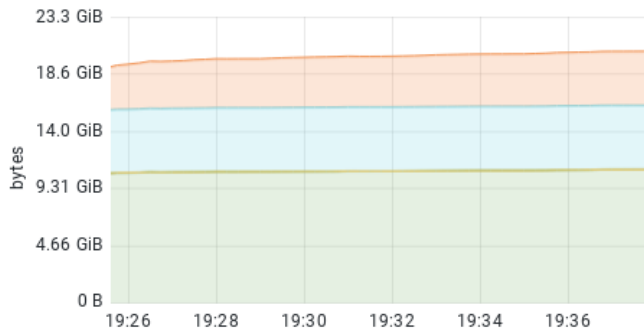
Memory Committed



— 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



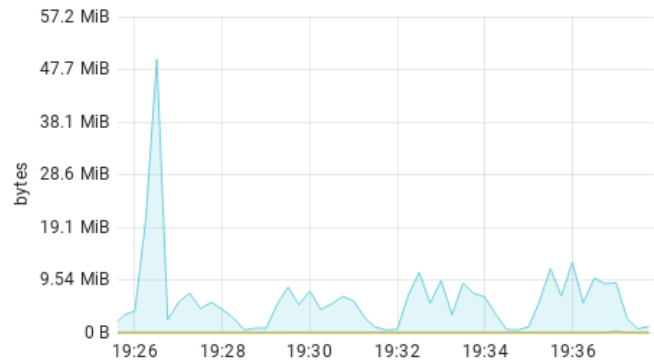
— Inactive_file - File-backed memory on inactive LRU list

— 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



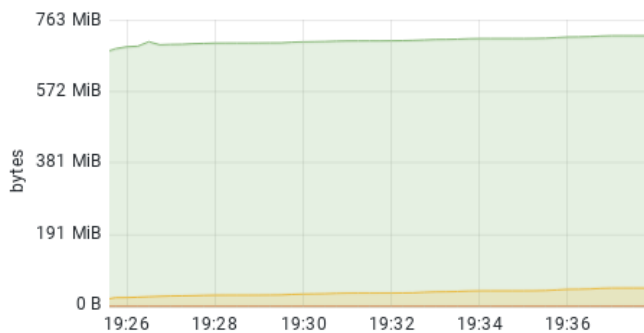
— Writeback - Memory which is actively being written back to disk

— WritebackTmp - Memory used by FUSE for temporary writeback buffers

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

472.

Memory Shared and Mapped



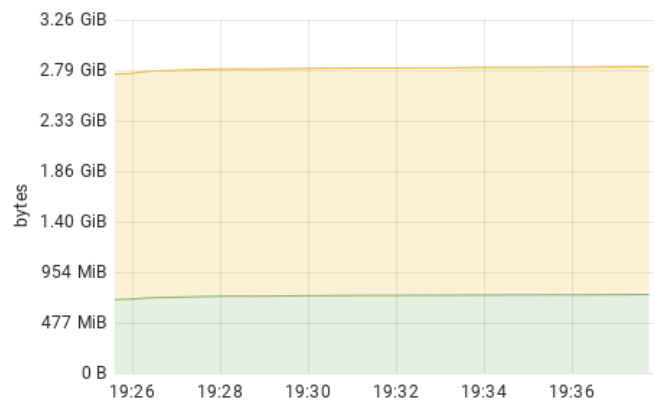
— Mapped - Used memory in mapped pages files which have been mmaped, such

— 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

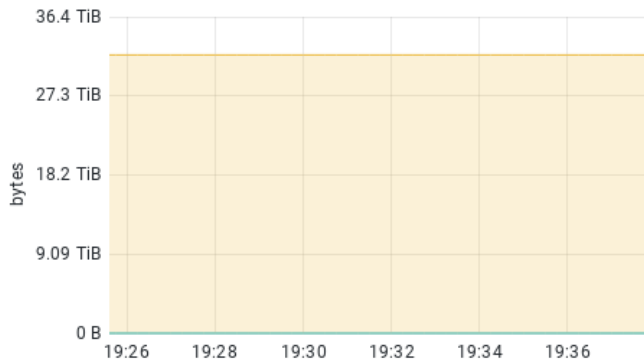


— SUnreclaim - Part of Slab, that cannot be reclaimed on memory pressure

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

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Memory Vmalloc

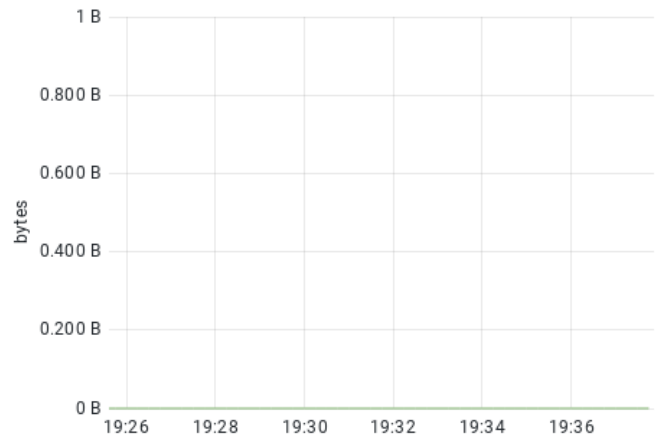


— VmallocChunk - Largest contiguous block of vmalloc area which is free

— VmallocTotal - Total size of vmalloc memory area 32.0

— VmallocUsed - Amount of vmalloc area which is used 44.5

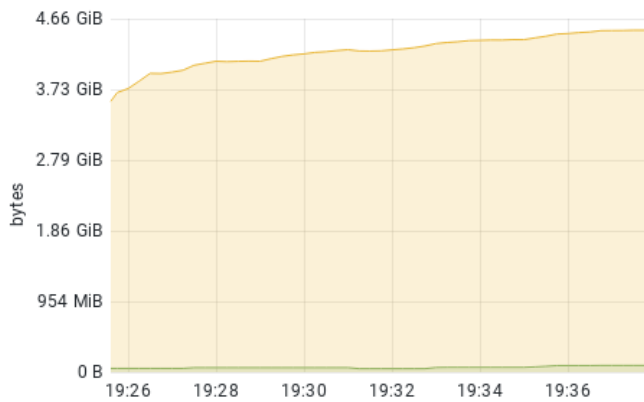
Memory Bounce



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

min max avg curr

Memory Anonymous

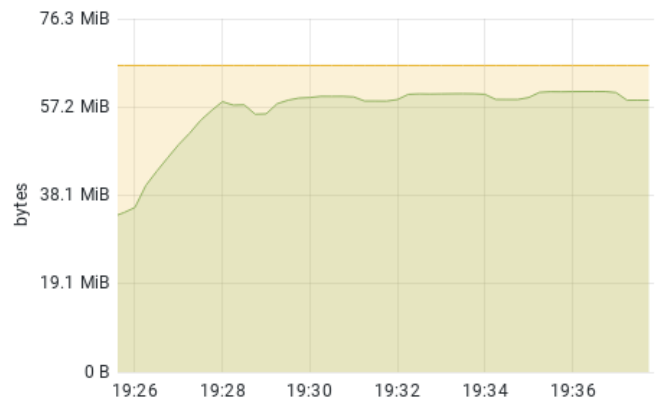


— AnonHugePages - Memory in anonymous huge pages 46.00 MiB 90.00 MiB

— AnonPages - Memory in user pages not backed by files 3.48 GiB 4.50 GiB

min max

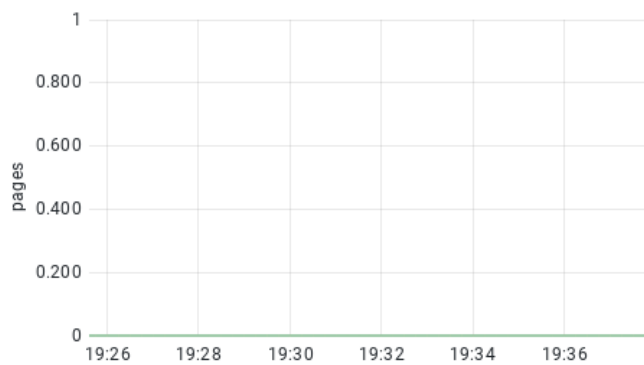
Memory Kernel / CPU



— KernelStack - Kernel memory stack. This is not reclaimable 33.5

— PerCPU - Per CPU memory allocated dynamically by loadable modules 66.1

Memory HugePages Counter

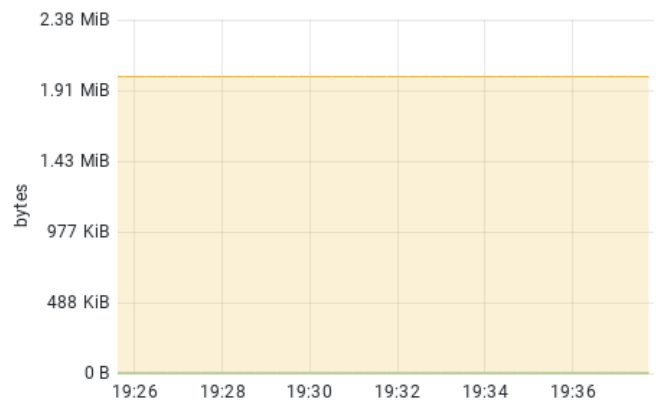


— HugePages_Free - Huge pages in the pool that are not yet allocated

— 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

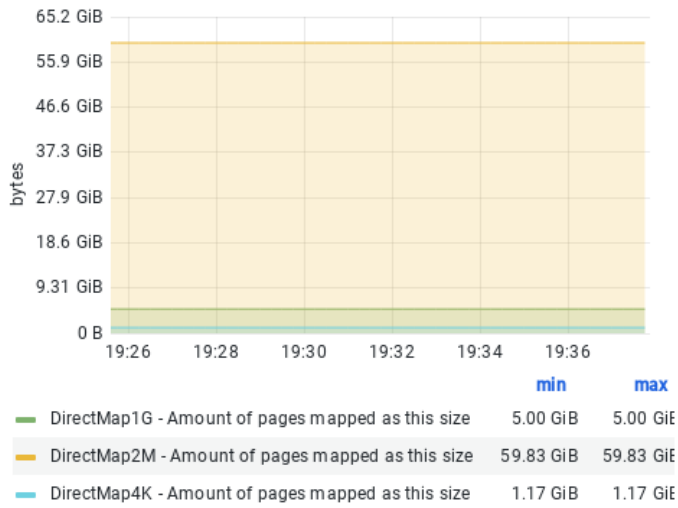


— HugePages - Total size of the pool of huge pages 0 B 0 B

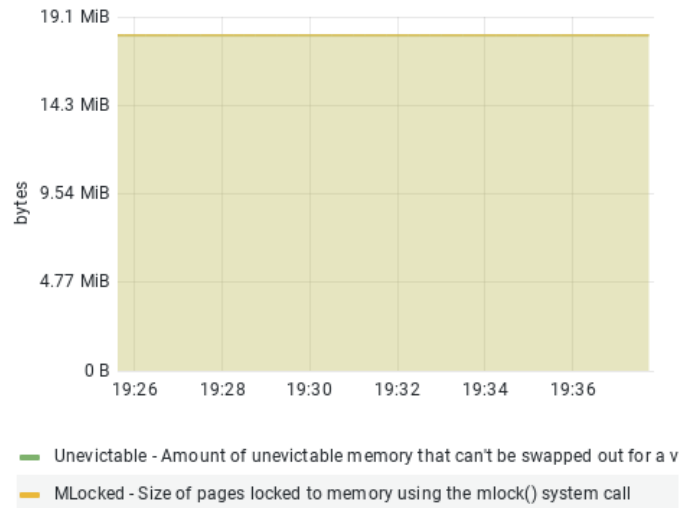
— Hugepagesize - Huge Page size 2.00 MiB 2.00 MiB 2.00 MiB

min max curr

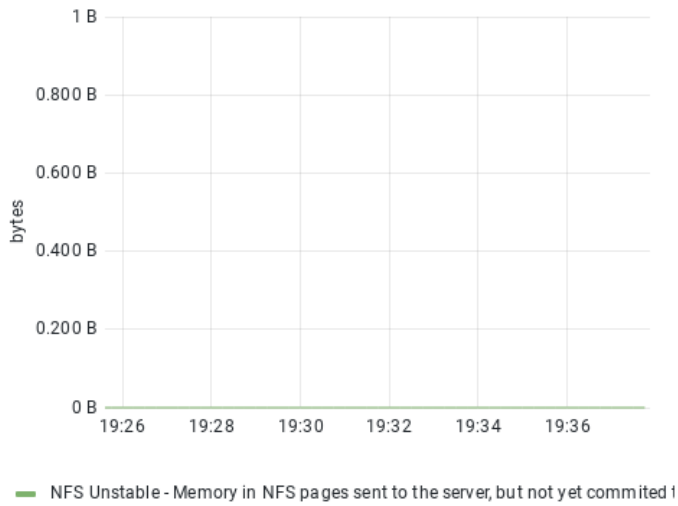
Memory DirectMap



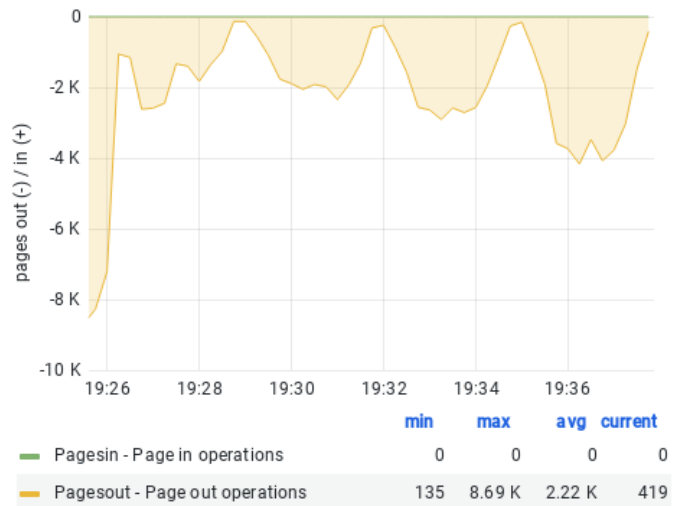
Memory Unevictable and MLocked



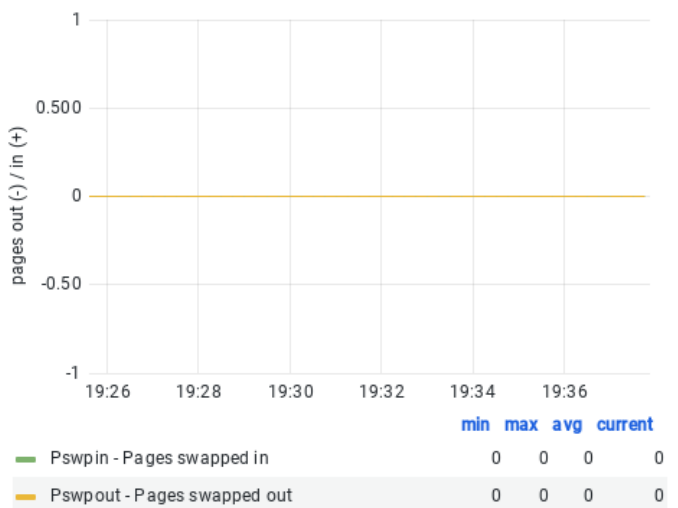
Memory NFS



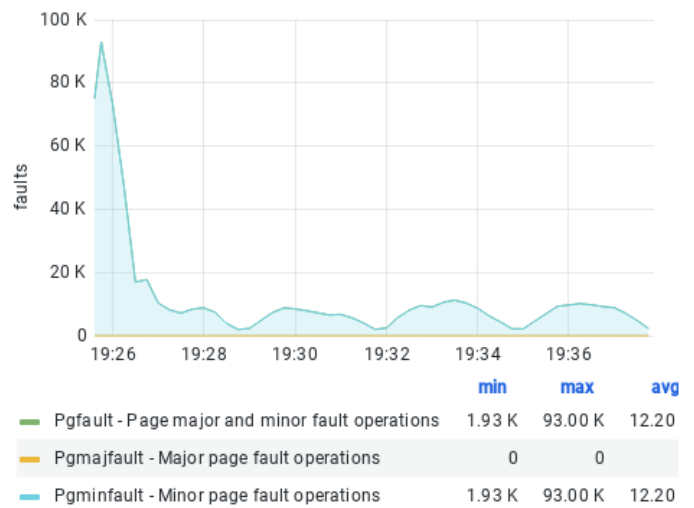
Memory Pages In / Out



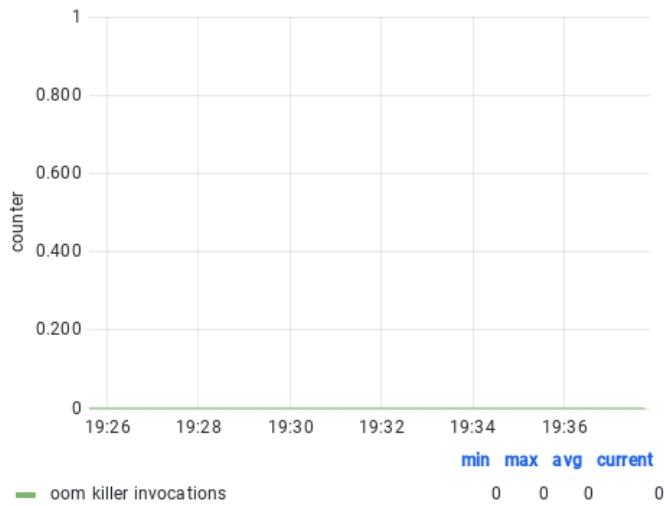
Memory Pages Swap In / Out



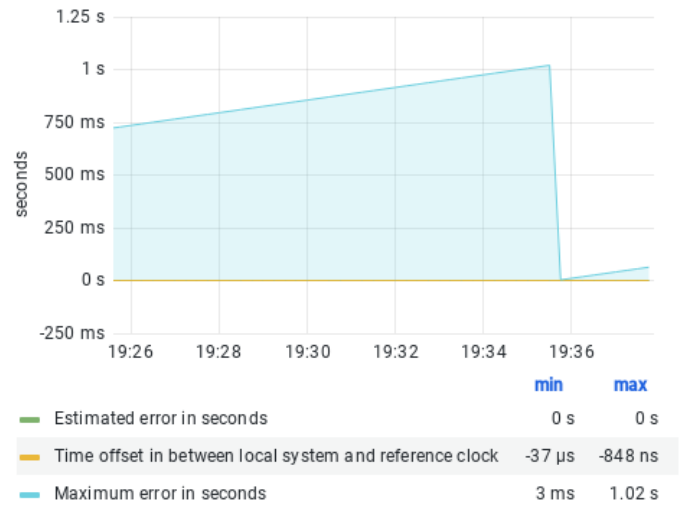
Memory Page Faults



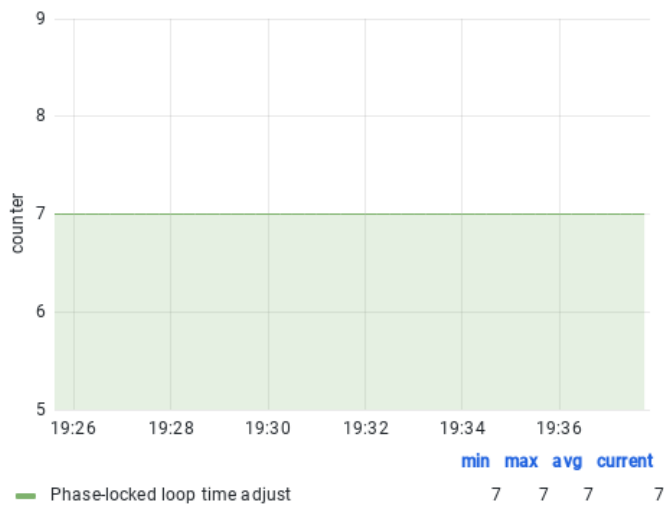
OOM Killer



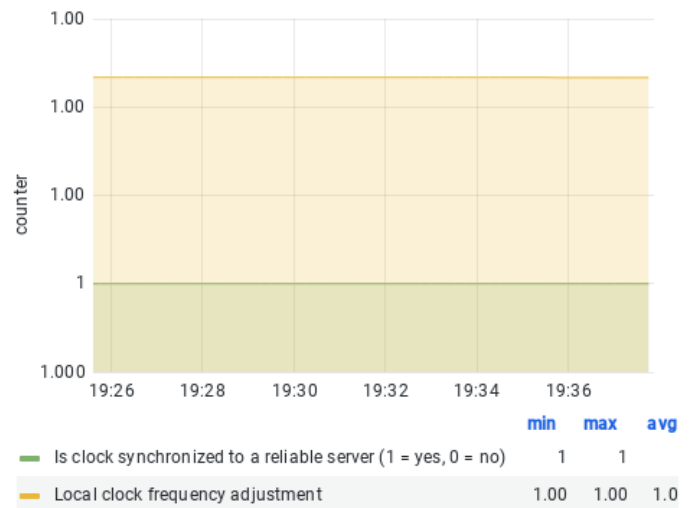
Time Synchronized Drift



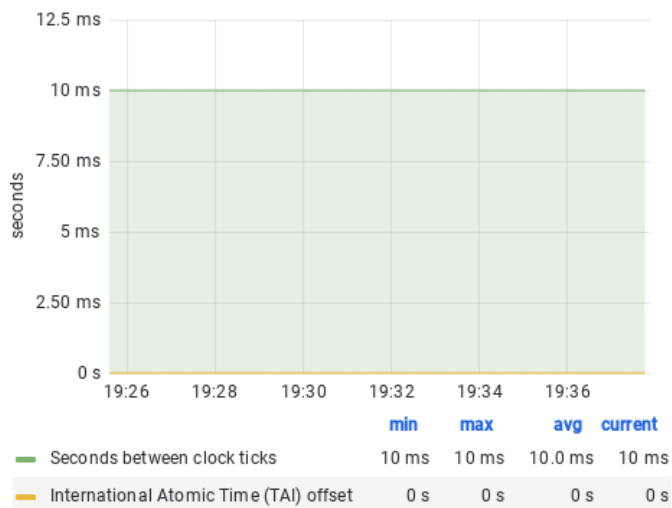
Time PLL Adjust



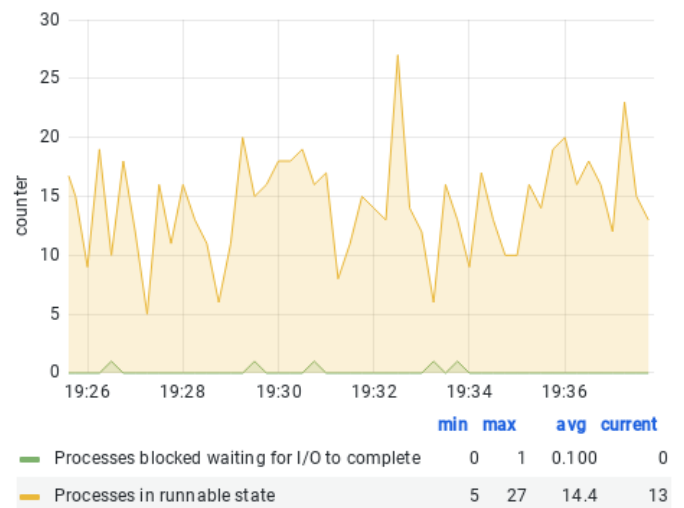
Time Synchronized Status

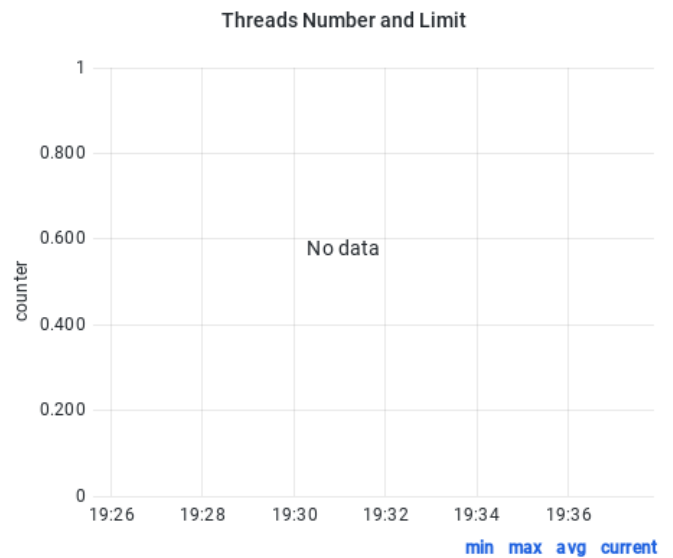
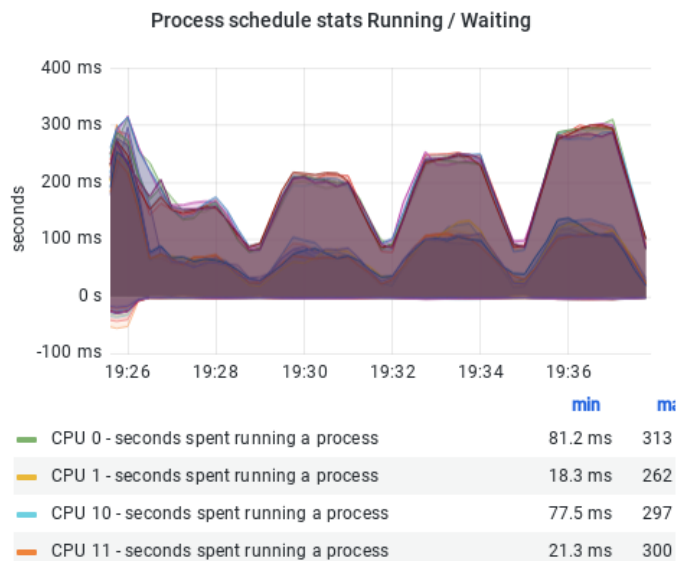
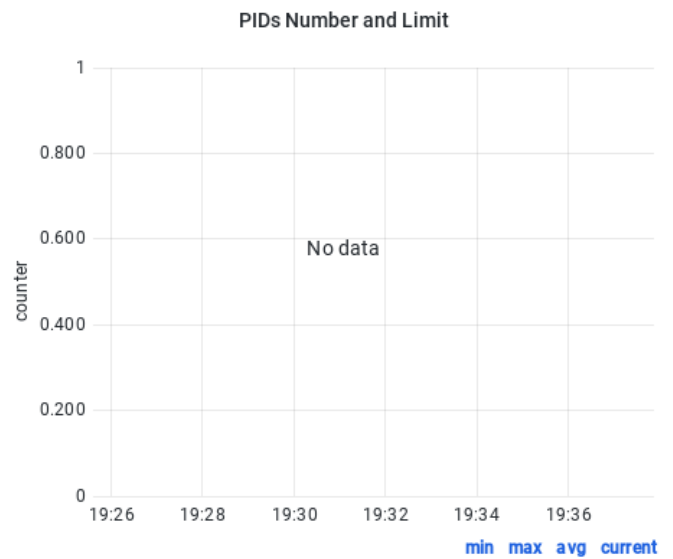
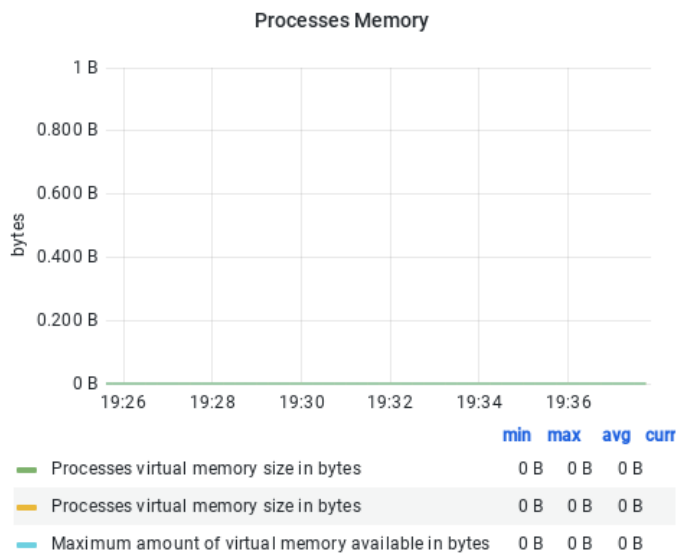
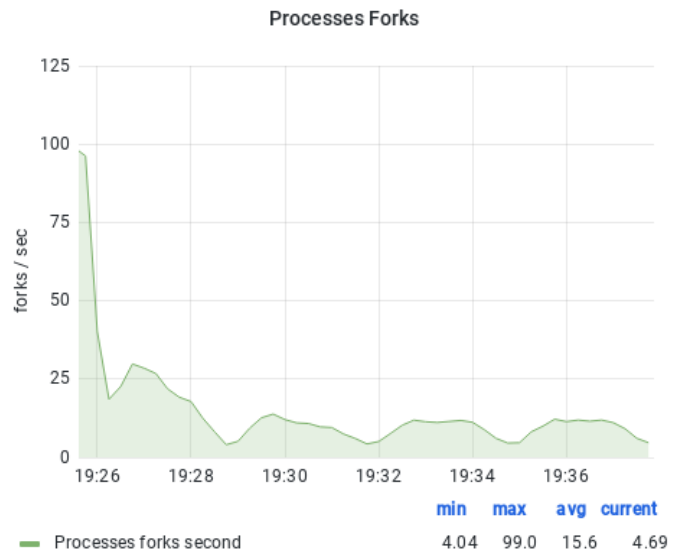
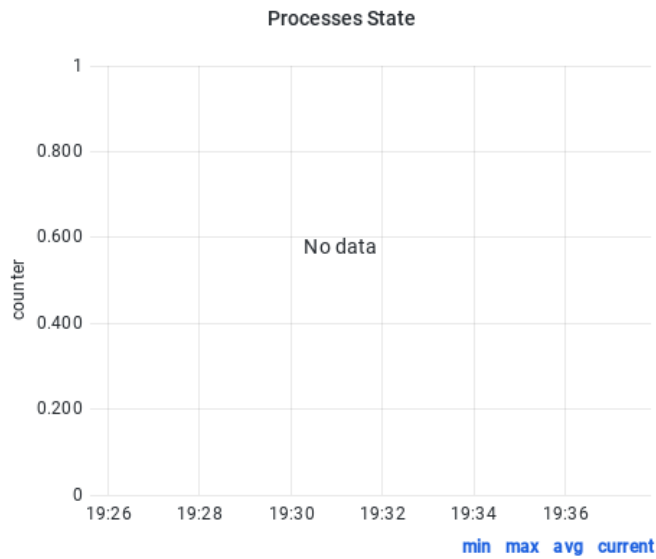


Time Misc

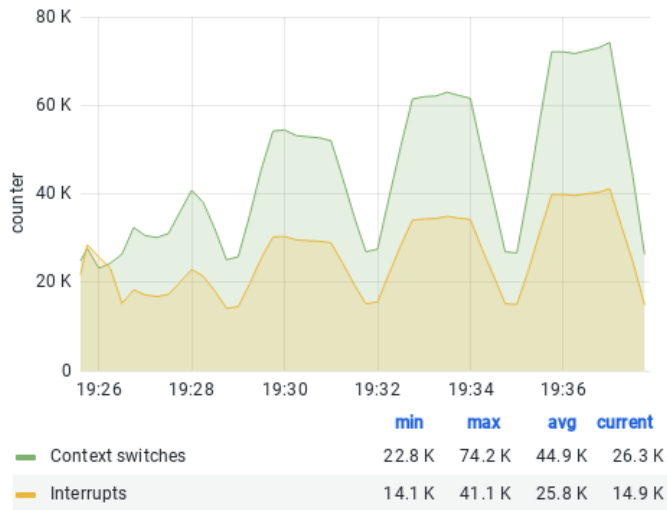


Processes Status

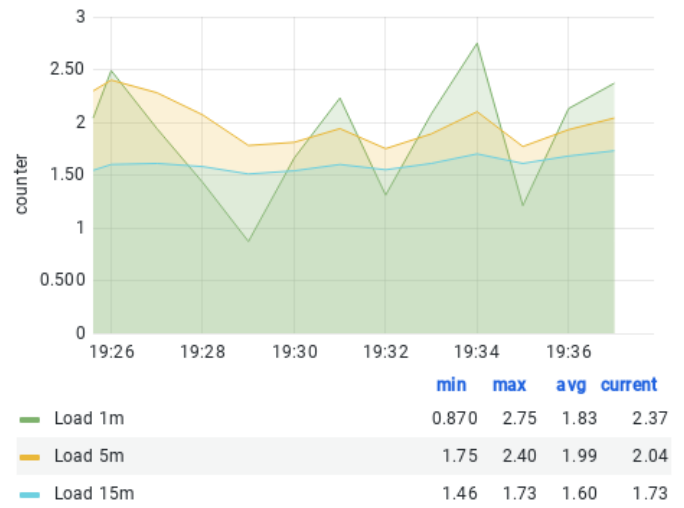




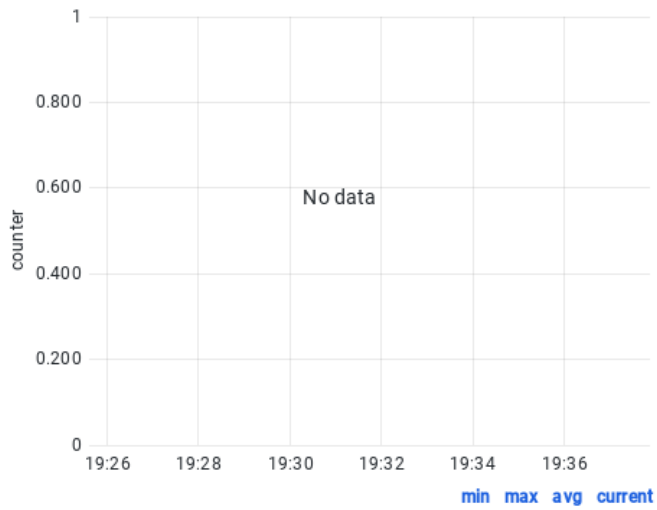
Context Switches / Interrupts



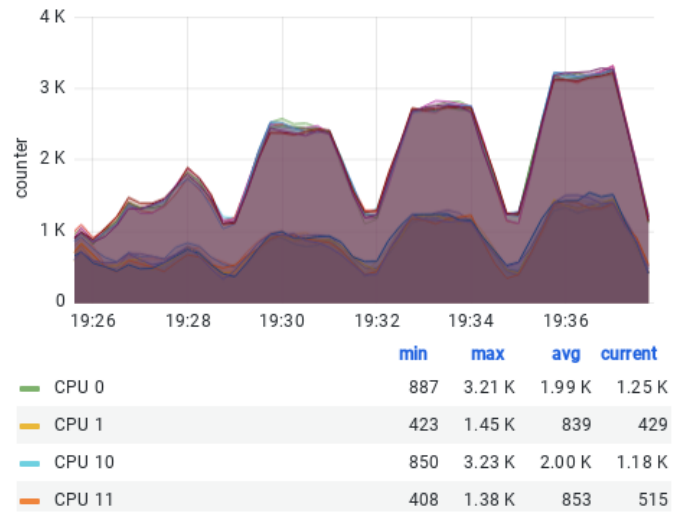
System Load



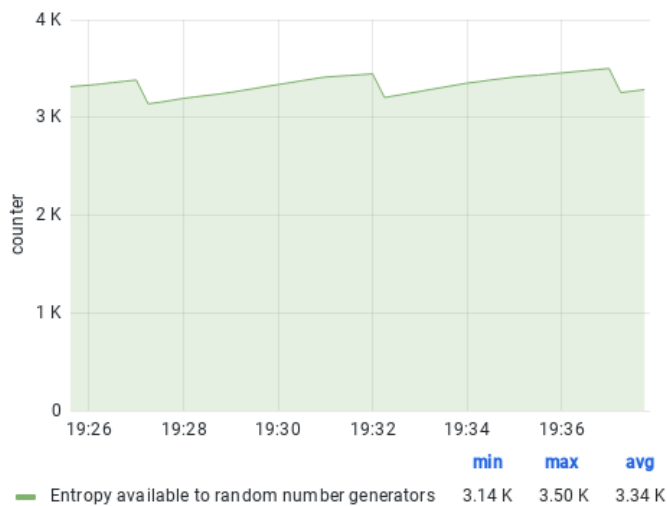
Interrupts Detail



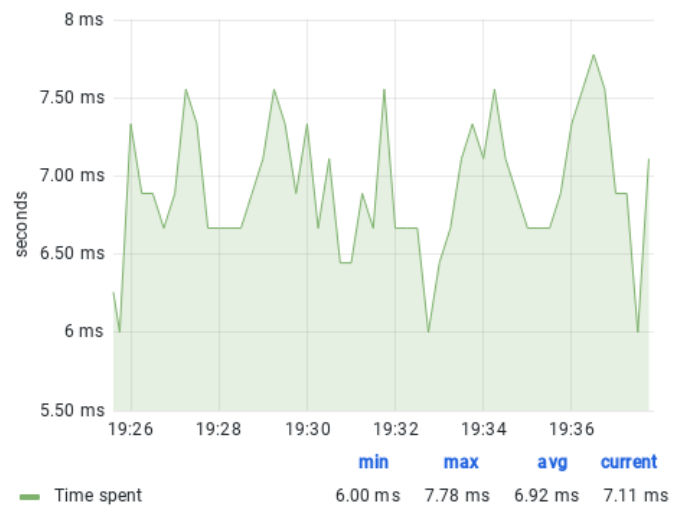
Schedule timeslices executed by each cpu



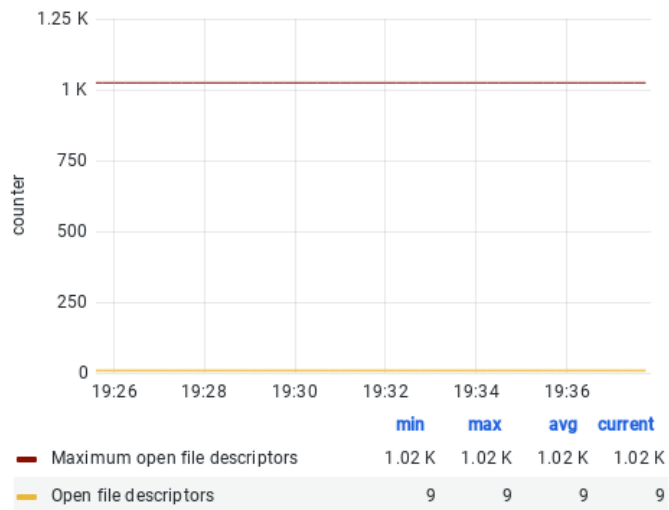
Entropy



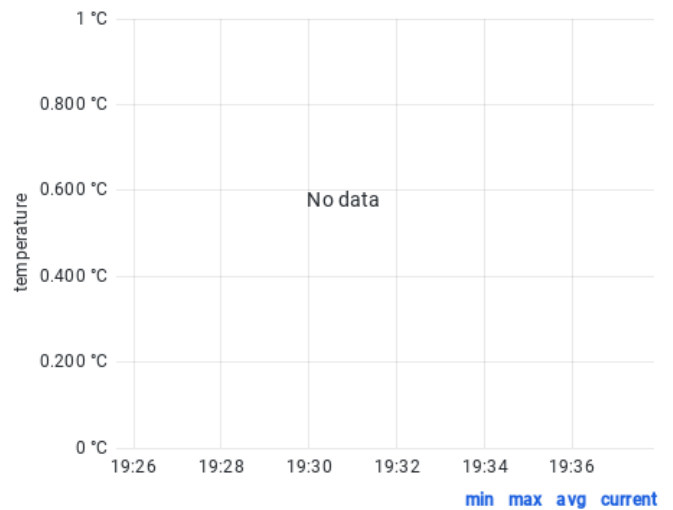
CPU time spent in user and system contexts



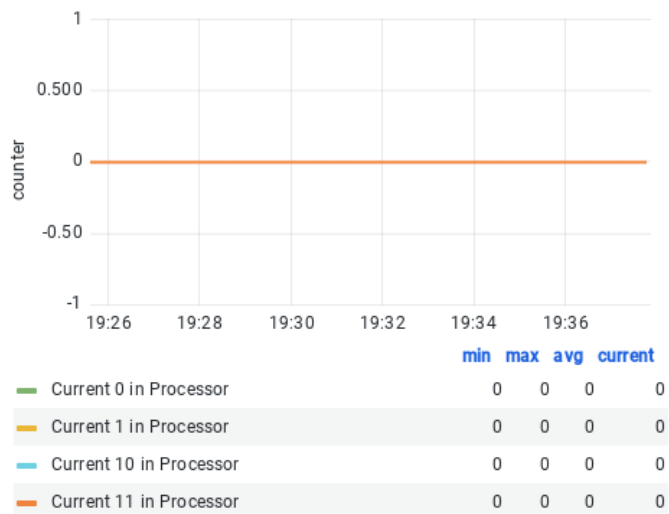
File Descriptors



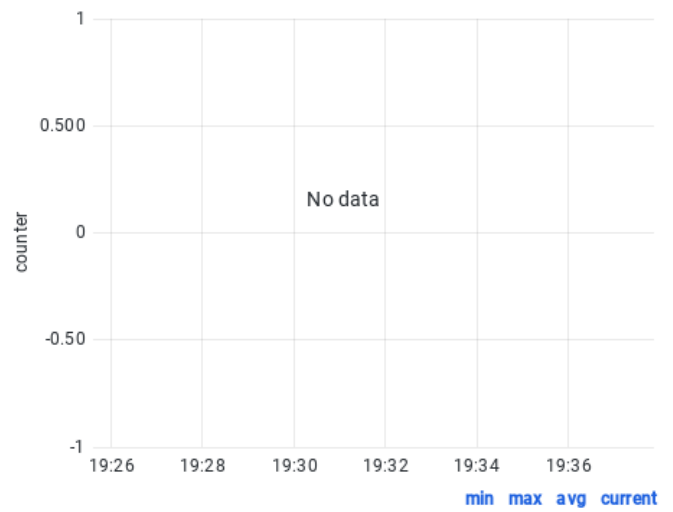
Hardware temperature monitor



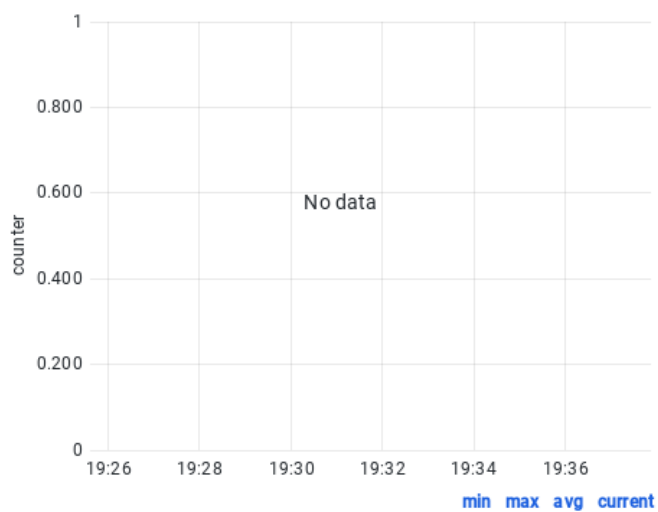
Throttle cooling device



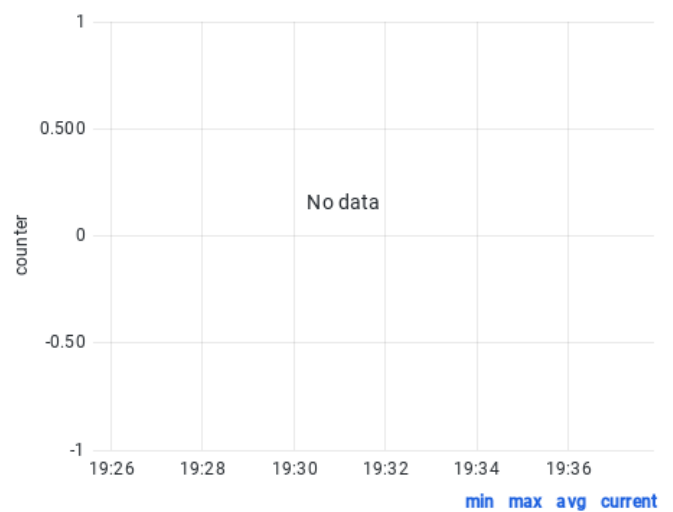
Power supply

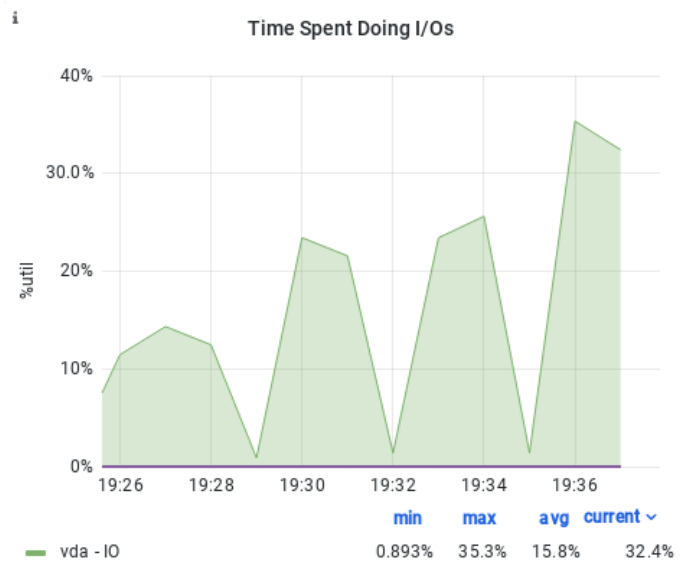
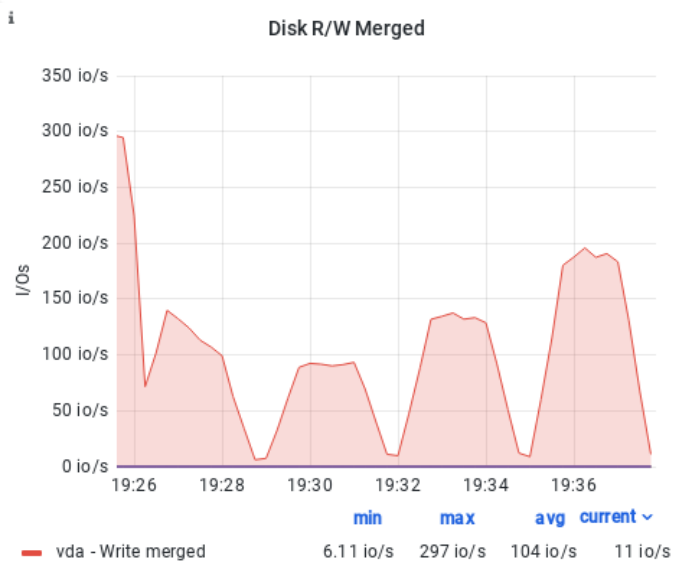
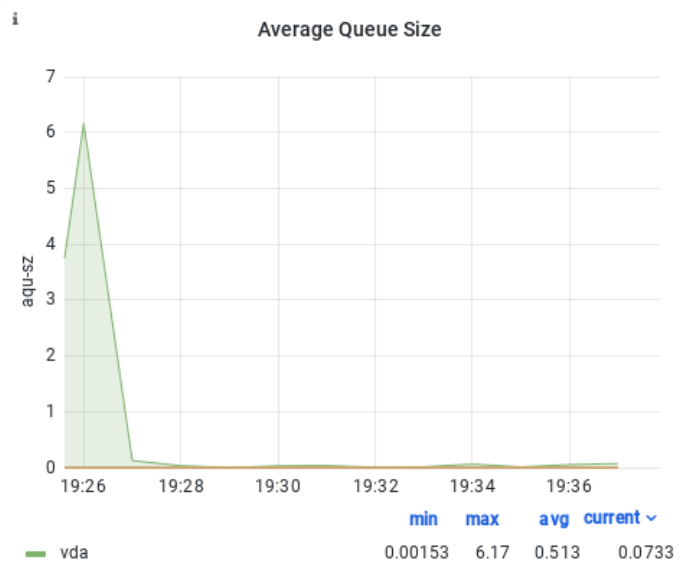
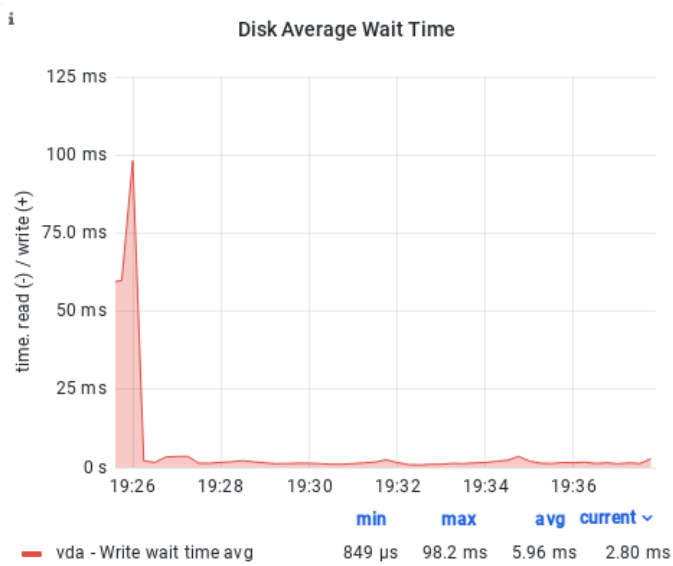
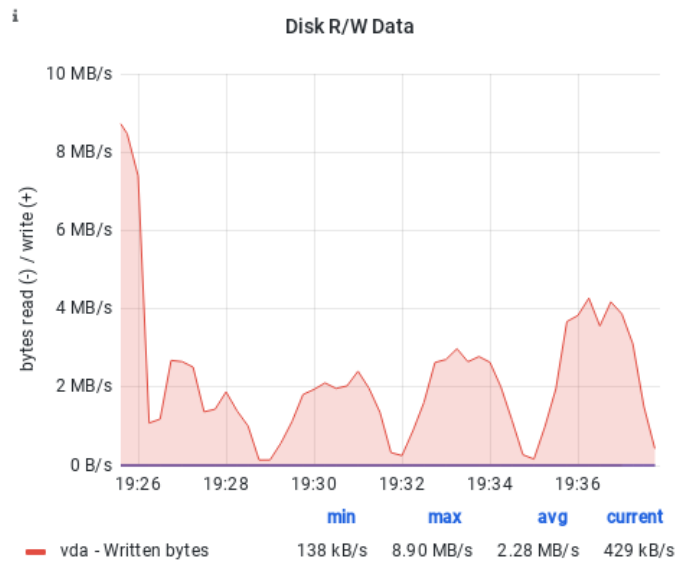
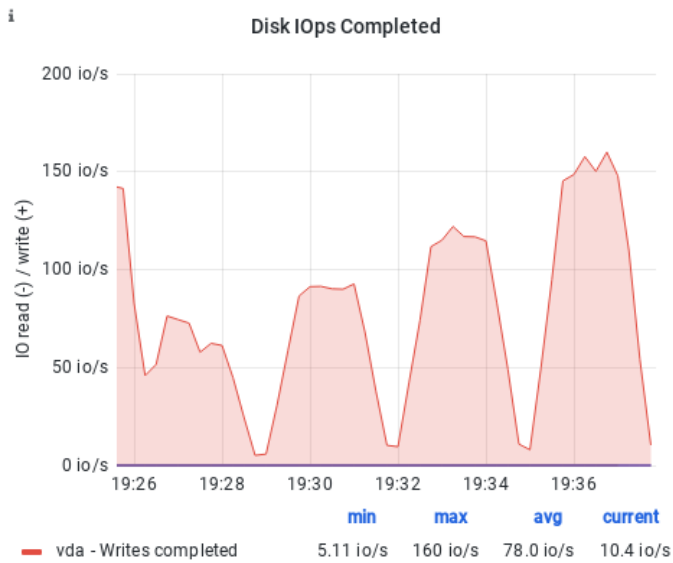


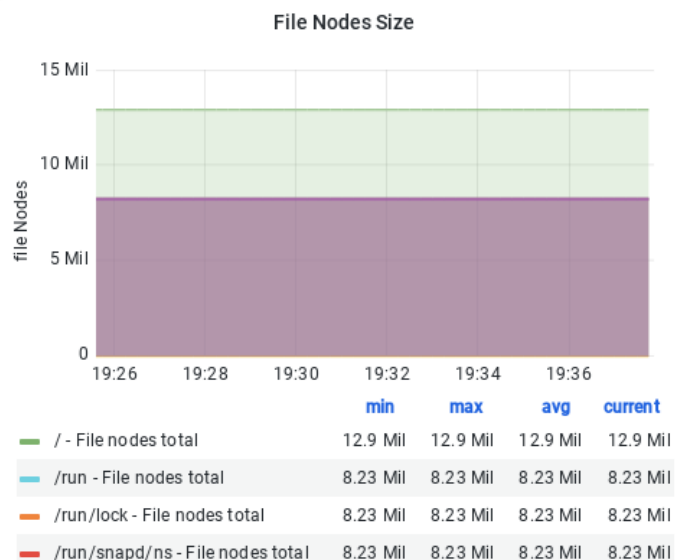
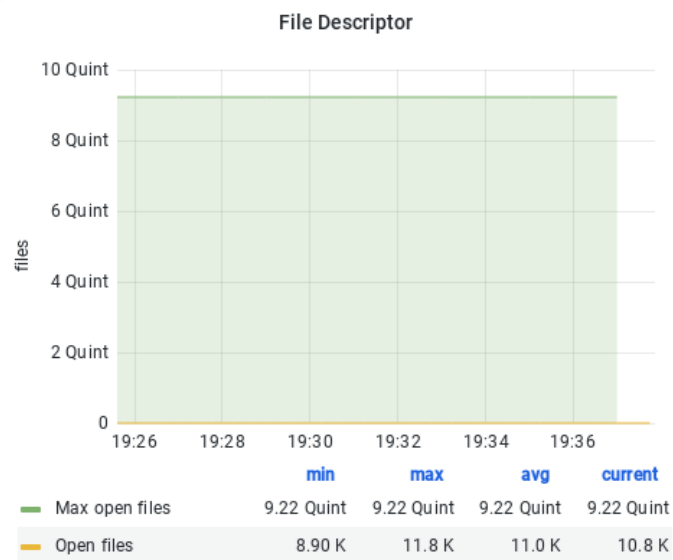
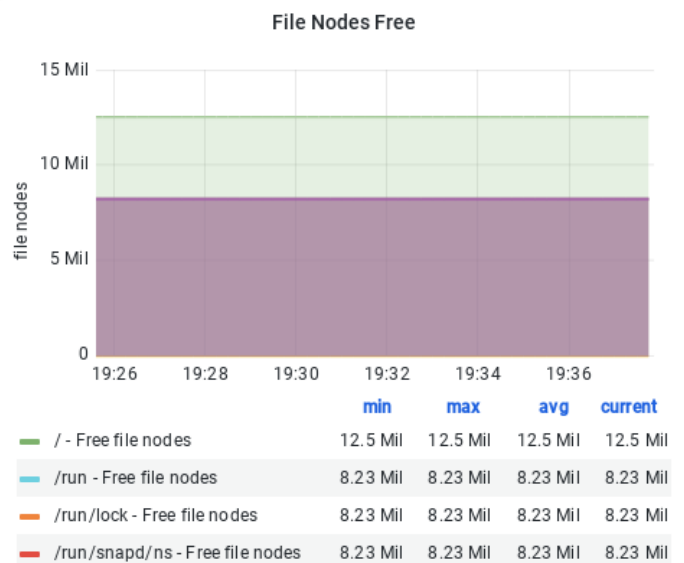
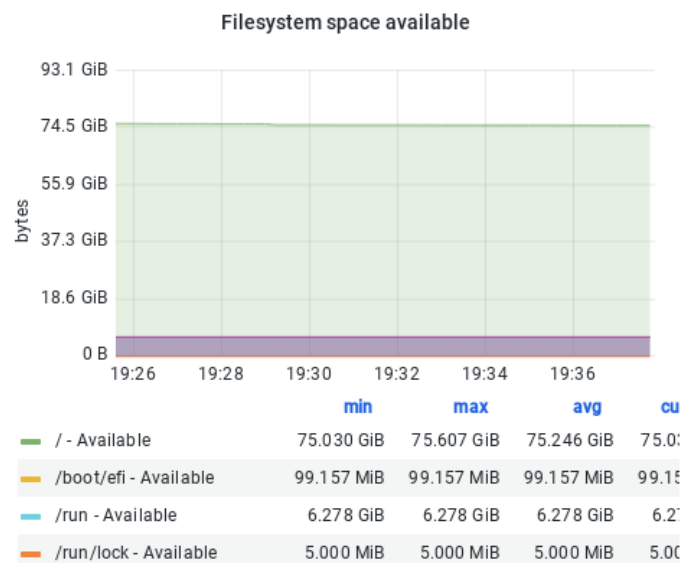
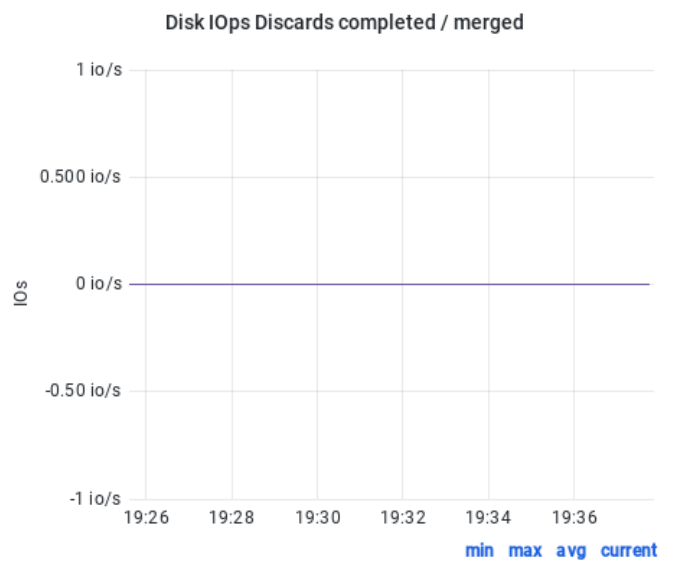
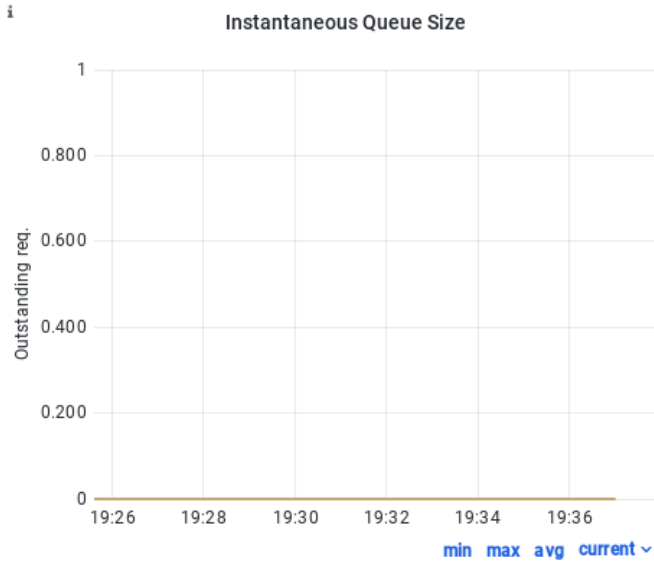
Systemd Sockets



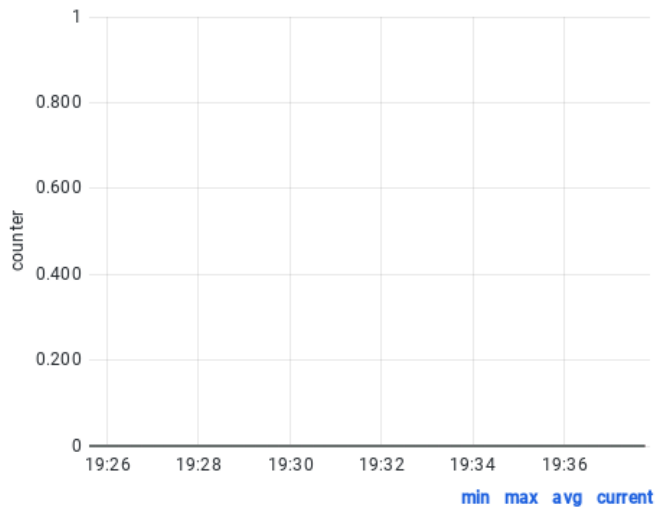
Systemd Units State



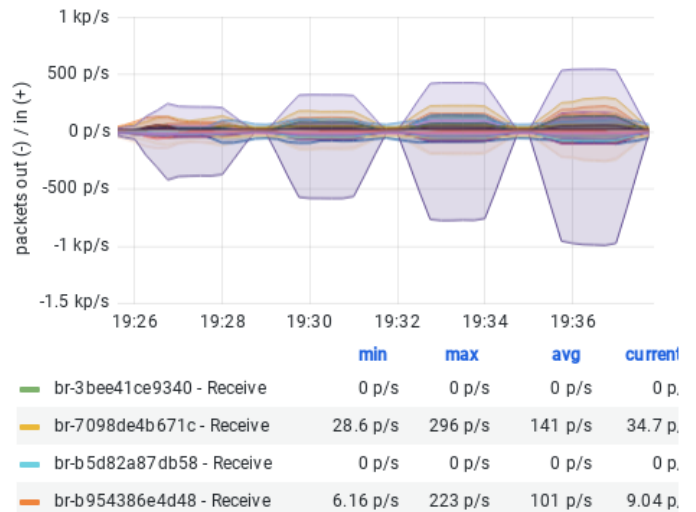




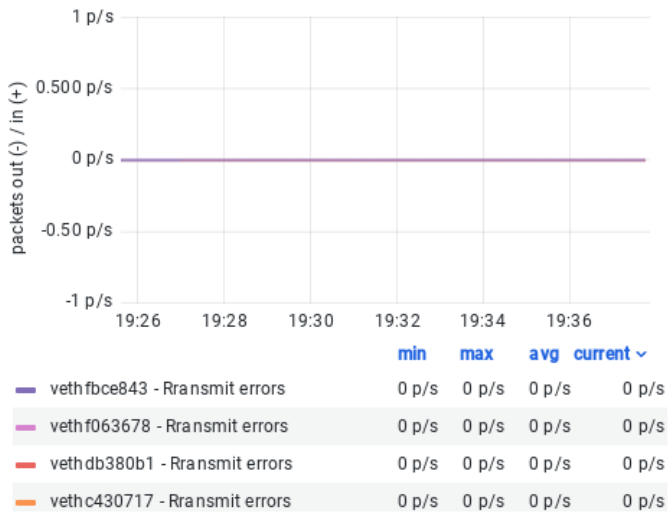
Filesystem in ReadOnly / Error



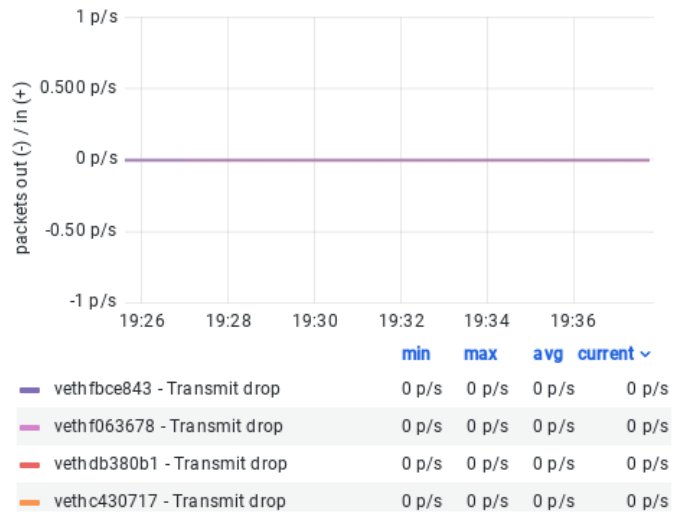
Network Traffic by Packets



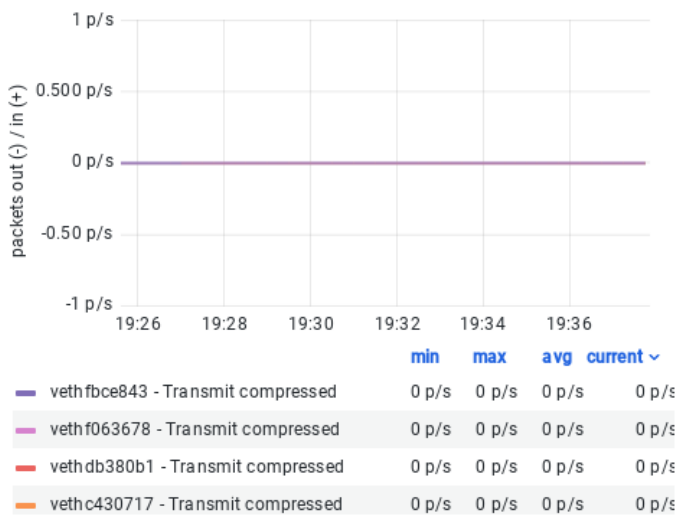
Network Traffic Errors



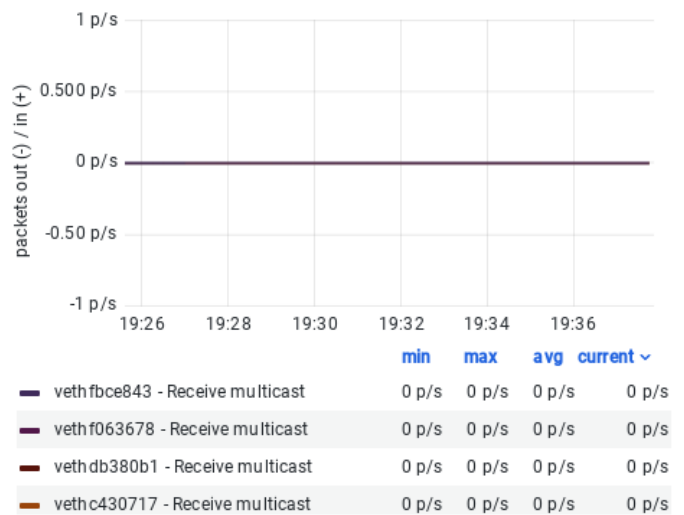
Network Traffic Drop



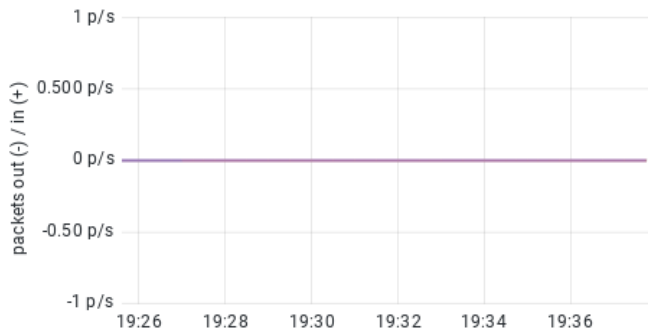
Network Traffic Compressed



Network Traffic Multicast

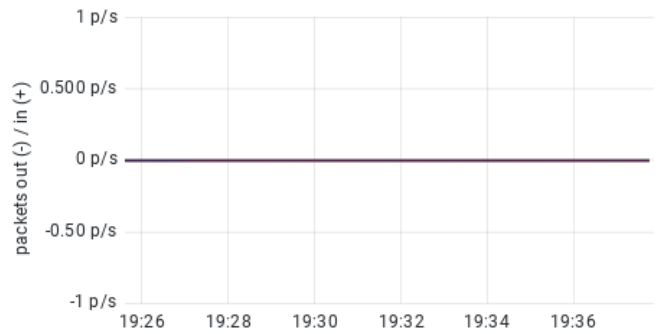


Network Traffic Fifo



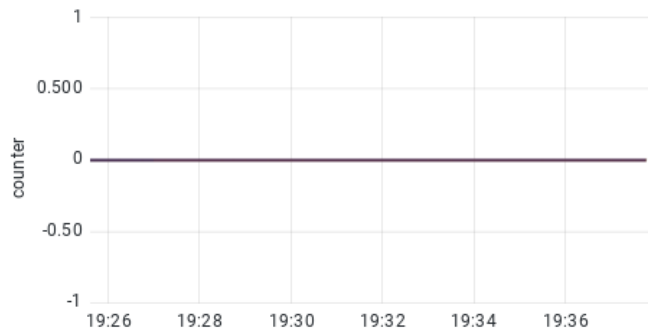
	min	max	avg	current
vethfbce843 - Transmit fifo	0 p/s	0 p/s	0 p/s	0 p/s
vethf063678 - Transmit fifo	0 p/s	0 p/s	0 p/s	0 p/s
vethdb380b1 - Transmit fifo	0 p/s	0 p/s	0 p/s	0 p/s
vethc430717 - Transmit fifo	0 p/s	0 p/s	0 p/s	0 p/s

Network Traffic Frame



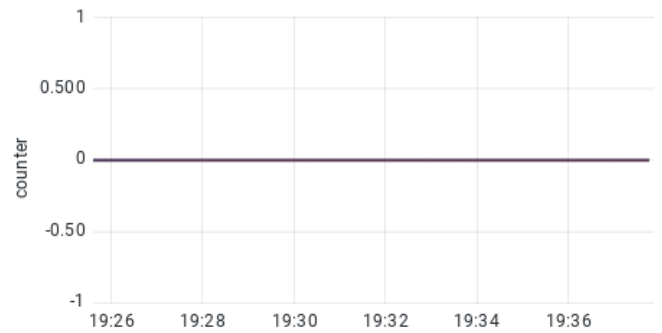
	min	max	avg	current
vethfbce843 - Receive frame	0 p/s	0 p/s	0 p/s	0 p/s
vethf063678 - Receive frame	0 p/s	0 p/s	0 p/s	0 p/s
vethdb380b1 - Receive frame	0 p/s	0 p/s	0 p/s	0 p/s
vethc430717 - Receive frame	0 p/s	0 p/s	0 p/s	0 p/s

Network Traffic Carrier



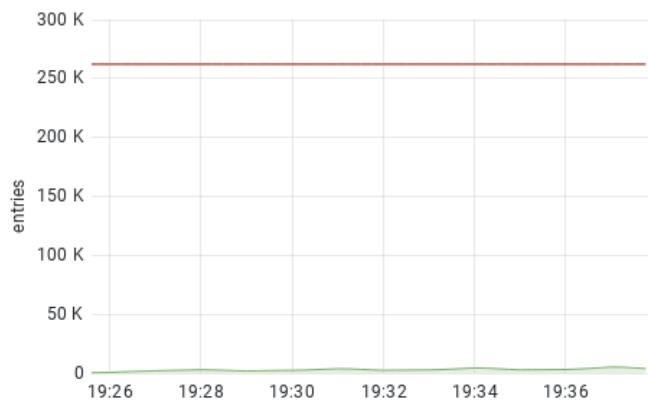
	min	max	avg	current
vethfbce843 - Statistic transmit_carrier	0	0	0	0
vethf063678 - Statistic transmit_carrier	0	0	0	0
vethdb380b1 - Statistic transmit_carrier	0	0	0	0
vethc430717 - Statistic transmit_carrier	0	0	0	0

Network Traffic Colls



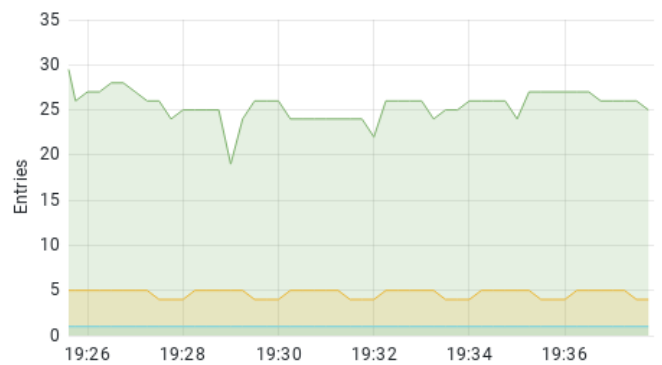
	min	max	avg	current
vethfbce843 - Transmit colls	0	0	0	0
vethf063678 - Transmit colls	0	0	0	0
vethdb380b1 - Transmit colls	0	0	0	0
vethc430717 - Transmit colls	0	0	0	0

NF Contrack



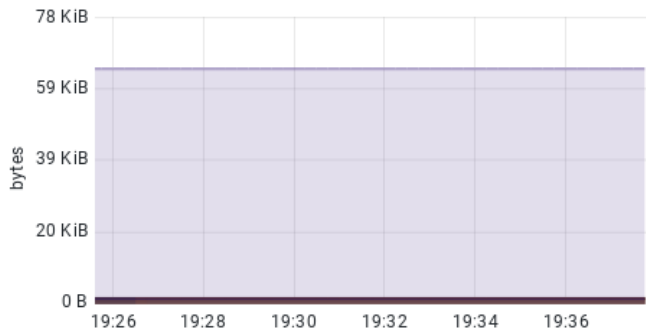
	min	max	avg	current
NF conntrack entries	320	5.11 K	2.80 K	3.84 K
NF conntrack limit	262 K	262 K	262 K	262 K

ARP Entries



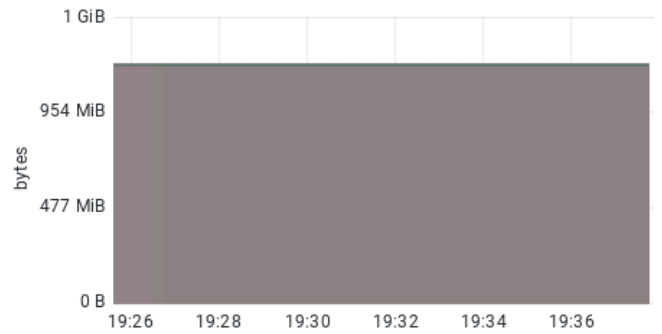
	min	max	avg	current
br-7098de4b671c - ARP entries	19	32	25.6	25
br-b954386e4d48 - ARP entries	4	5	4.66	4
ens3 - ARP entries	1	1	1	1

MTU



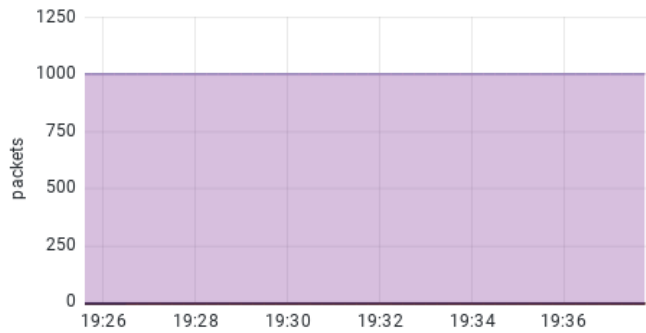
	min	max	avg	current
br-3bee41ce9340 - Bytes	1.5 KiB	1.5 KiB	1.5 KiB	1.5 KiB
br-7098de4b671c - Bytes	1.5 KiB	1.5 KiB	1.5 KiB	1.5 KiB
br-b5d82a87db58 - Bytes	1.5 KiB	1.5 KiB	1.5 KiB	1.5 KiB
br-b954386e4d48 - Bytes	1.5 KiB	1.5 KiB	1.5 KiB	1.5 KiB

Speed



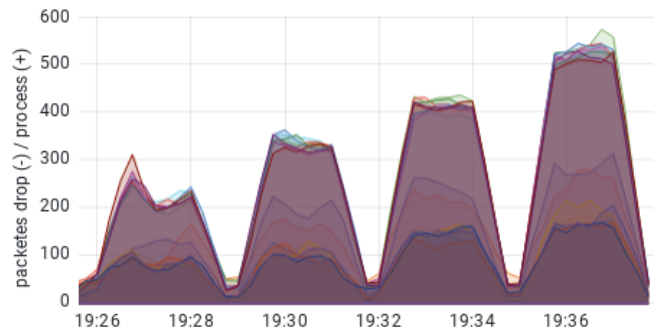
	min	max	avg	current
ens3 - Speed	-122.1 KiB	-122.1 KiB	-122.1 KiB	-122.1 KiB
veth005e152 - Speed	1.2 GiB	1.2 GiB	1.2 GiB	1.2 GiB
veth0793167 - Speed	1.2 GiB	1.2 GiB	1.2 GiB	1.2 GiB
veth0c4871b - Speed	1.2 GiB	1.2 GiB	1.2 GiB	1.2 GiB

Queue Length



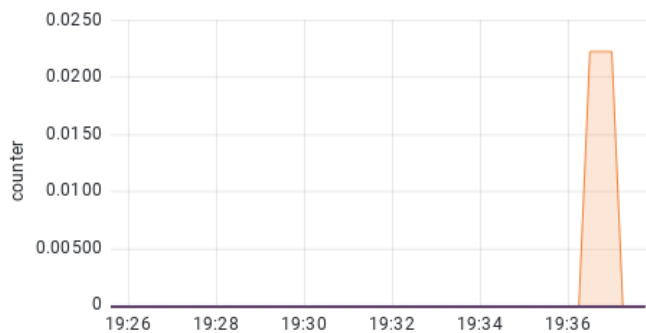
	min	max	a
br-3bee41ce9340 - Interface transmit queue length	0	0	
br-7098de4b671c - Interface transmit queue length	0	0	
br-b5d82a87db58 - Interface transmit queue length	0	0	
br-b954386e4d48 - Interface transmit queue length	0	0	

Softnet Packets



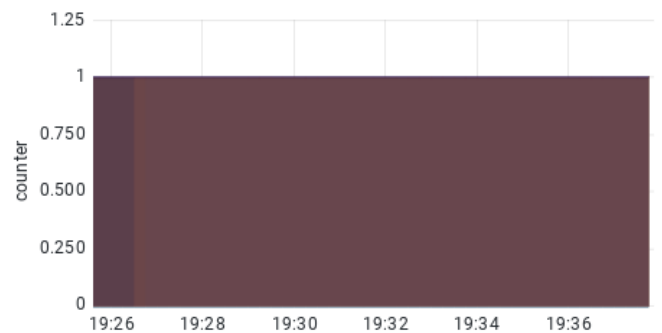
	min	max	avg	current
CPU 10 - Processed	26.2	529	254	47.4
CPU 4 - Processed	15.4	544	256	45.2
CPU 0 - Processed	27.2	573	260	45.1
CPU 11 - Processed	32.5	280	138	44.3

Softnet Out of Quota



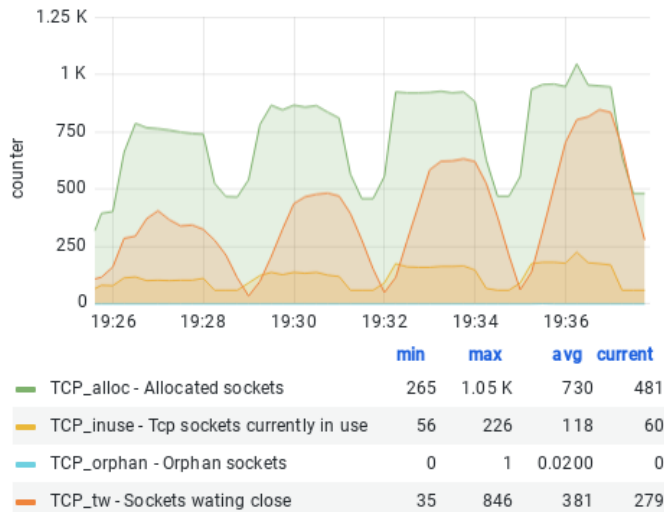
	min	max	avg	current
CPU 9 - Squeezed	0	0	0	0
CPU 8 - Squeezed	0	0	0	0
CPU 7 - Squeezed	0	0	0	0
CPU 6 - Squeezed	0	0	0	0

Network Operational Status

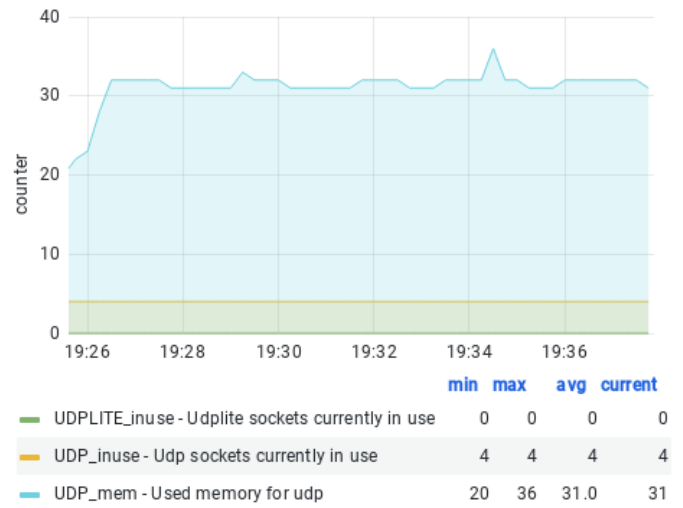


	min	max	avg	current
vethfbce843 - Physical link state	1	1	1	1
vethf063678 - Physical link state	1	1	1	1
vethdb380b1 - Physical link state	1	1	1	1
vethc430717 - Physical link state	1	1	1	1

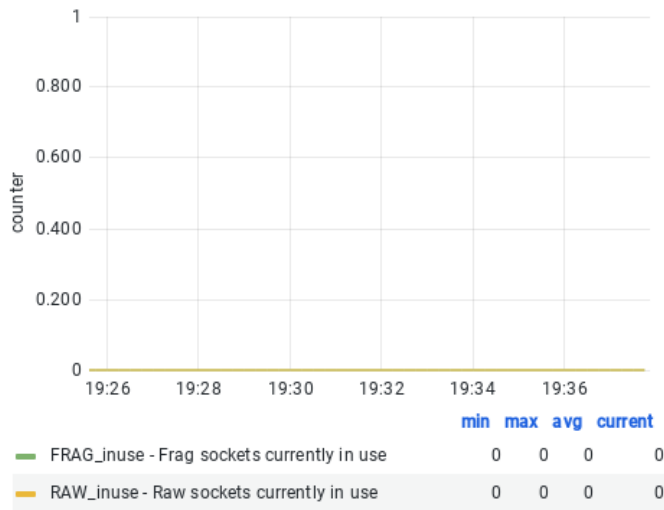
Sockstat TCP



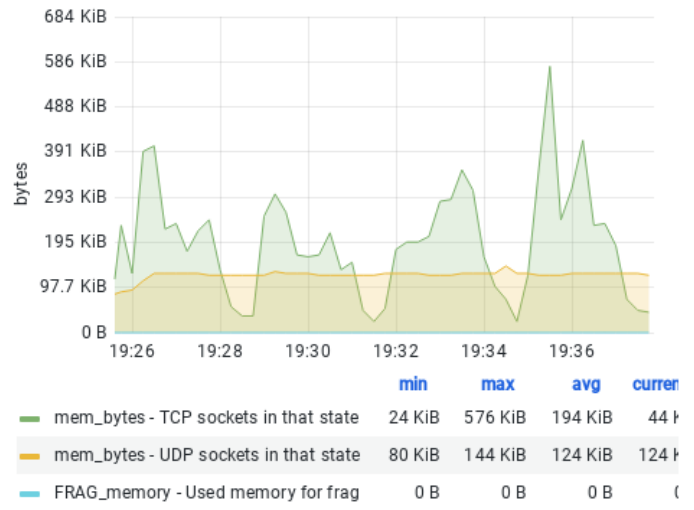
Sockstat UDP



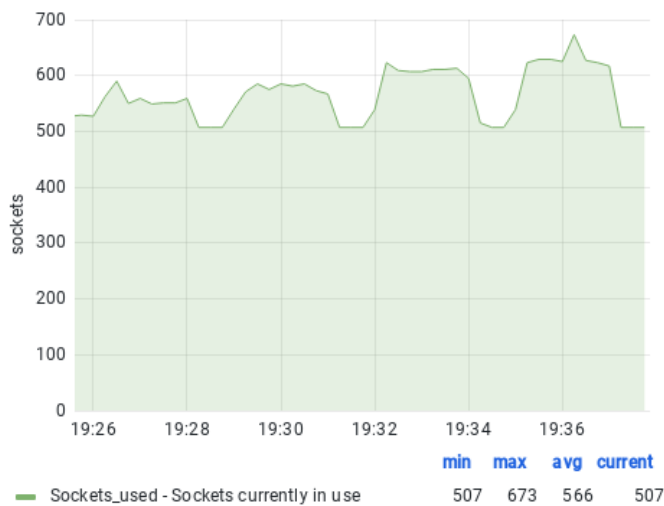
Sockstat FRAG / RAW



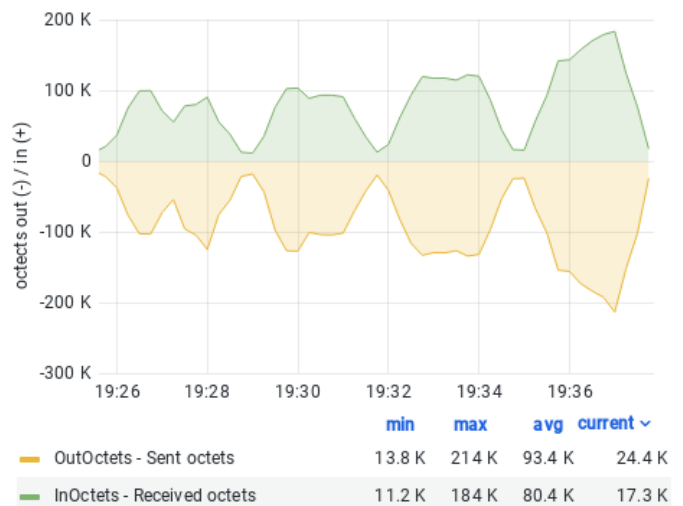
Sockstat Memory Size



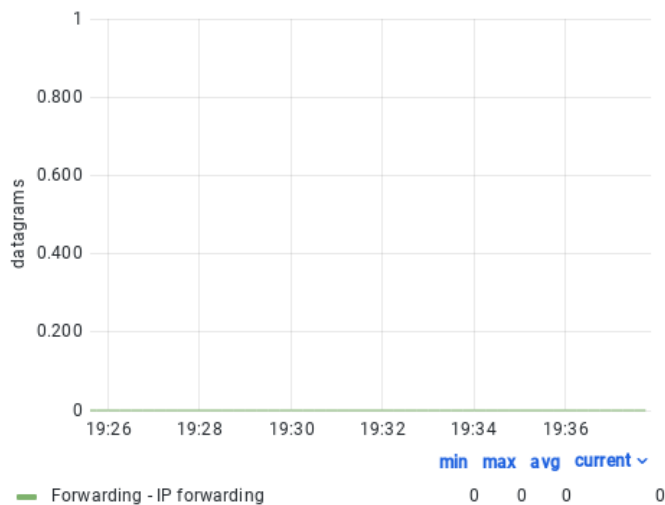
Sockstat Used



Netstat IP In / Out Octets



Netstat IP Forwarding



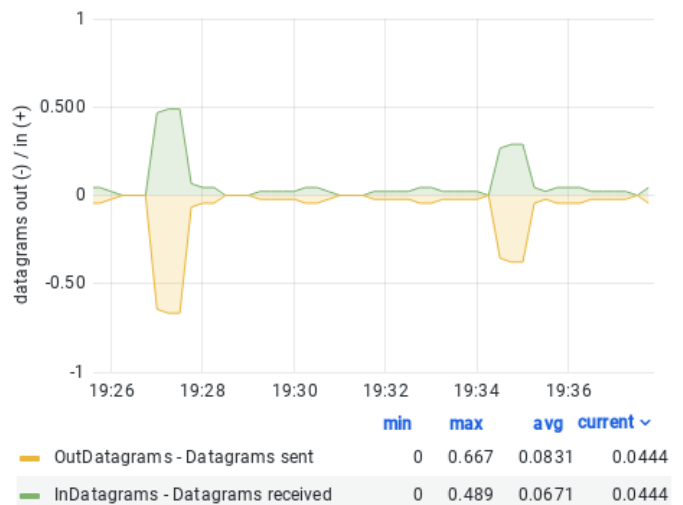
ICMP In / Out



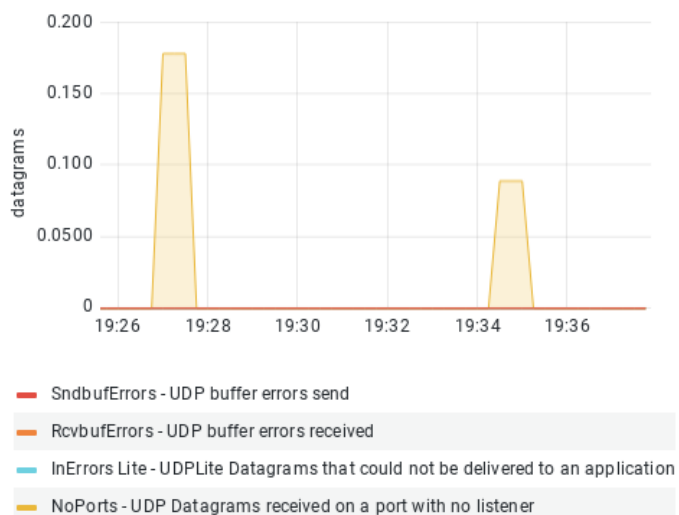
ICMP Errors



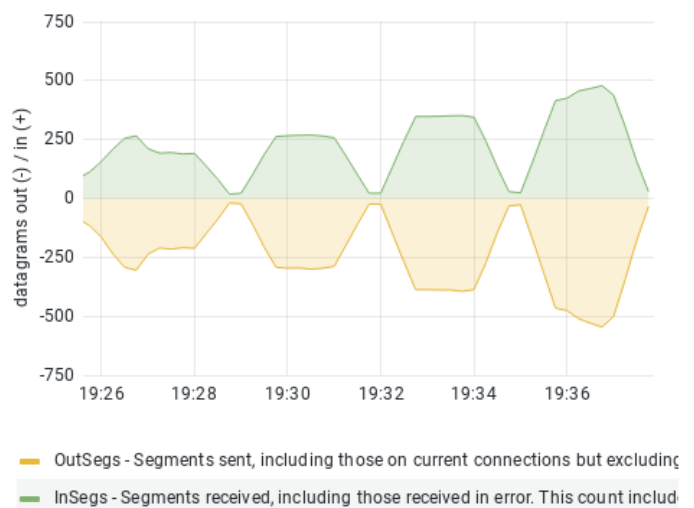
UDP In / Out



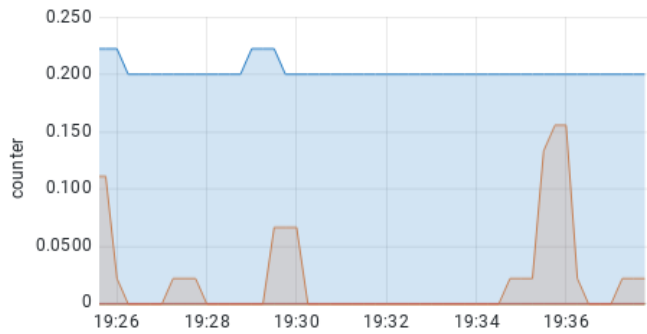
UDP Errors



TCP In / Out

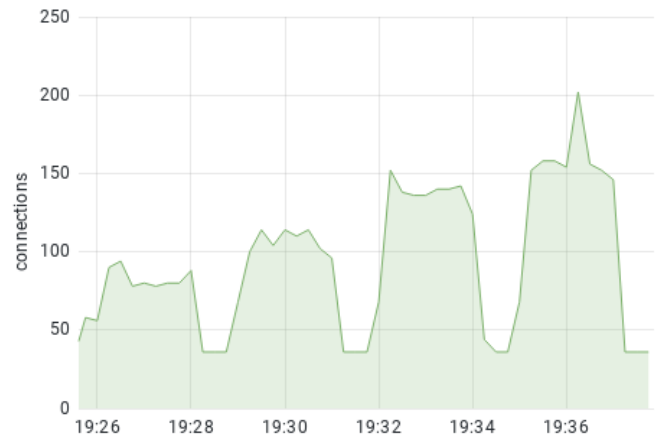


TCP Errors



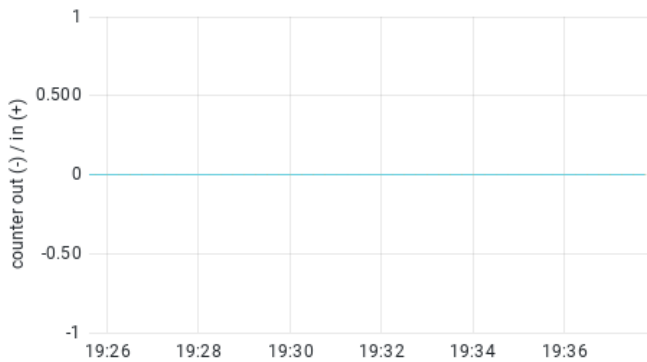
OutRsts - Segments sent with RST flag
 RetransSegs - Segments retransmitted - that is, the number of TCP segments tr
 InErrs - Segments received in error (e.g., bad TCP checksums)
 TCPSynRetrans - SYN-SYN/ACK retransmits to break down retransmissions in

TCP Connections



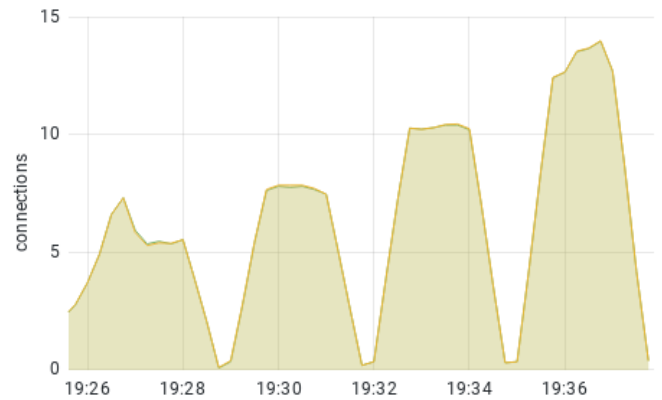
CurrEstab - TCP connections for which the current state is either ESTABLISHED

TCP SynCookie



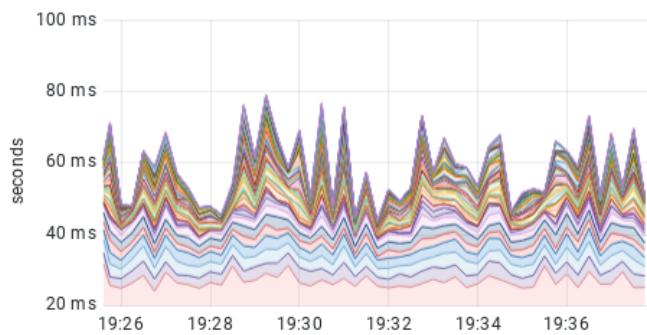
	min	max	avg	current
SyncookiesSent - SYN cookies sent	0	0	0	0
SyncookiesRecv - SYN cookies received	0	0	0	0
SyncookiesFailed - Invalid SYN cookies received	0	0	0	0

TCP Direct Transition



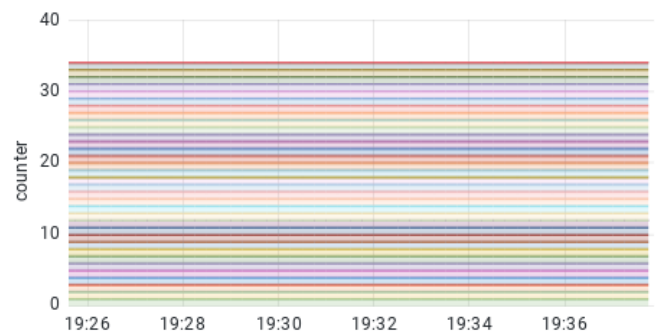
ActiveOpens - TCP connections that have made a direct transition to the SYN-S
 PassiveOpens - TCP connections that have made a direct transition to the SYN

Node Exporter Scrape Time



	min	max	avg	current
netclass - Scrape duration	24.2 ms	36.1 ms	27.1 ms	25.3
diskstats - Scrape duration	2.24 ms	4.66 ms	3.26 ms	3.22
netdev - Scrape duration	2.30 ms	4.60 ms	3.29 ms	2.60
cpu - Scrape duration	2.29 ms	3.86 ms	2.91 ms	2.50

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