

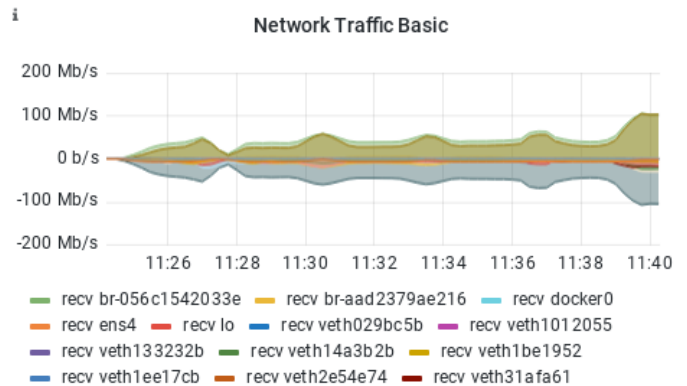
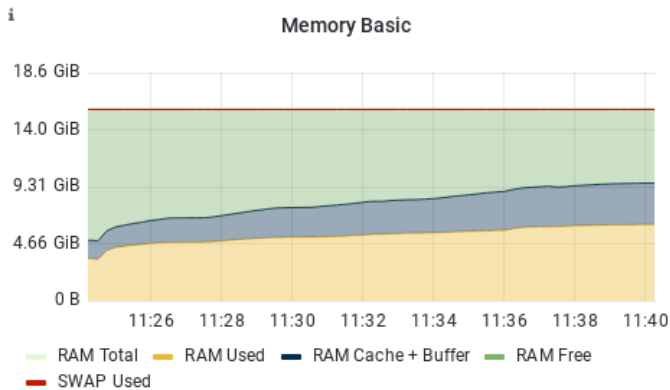
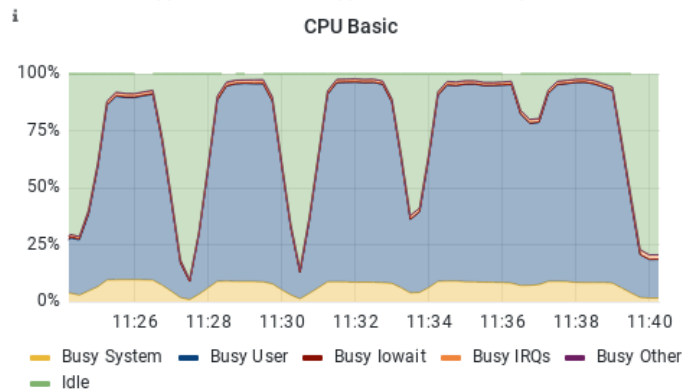
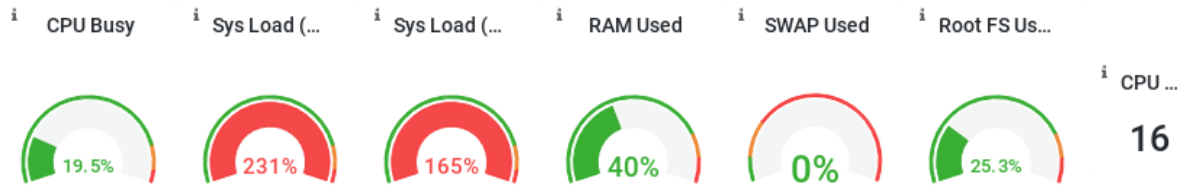
Host Metrics

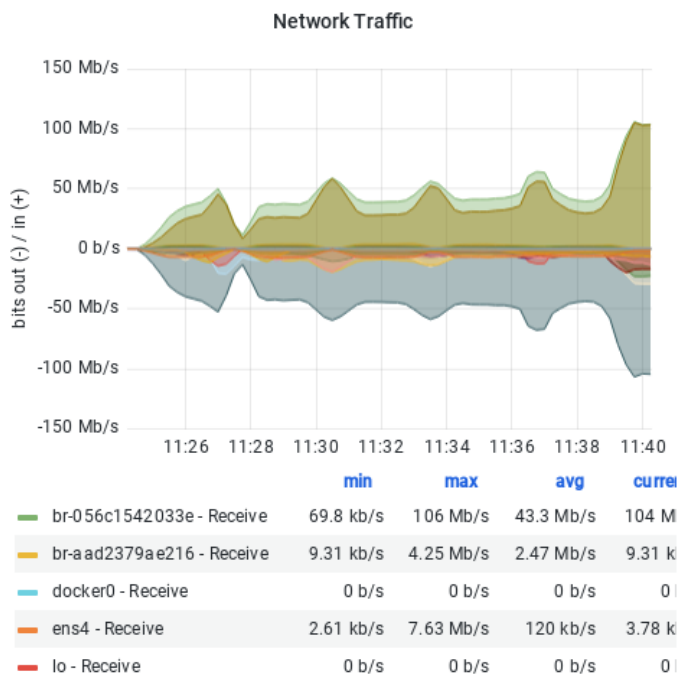
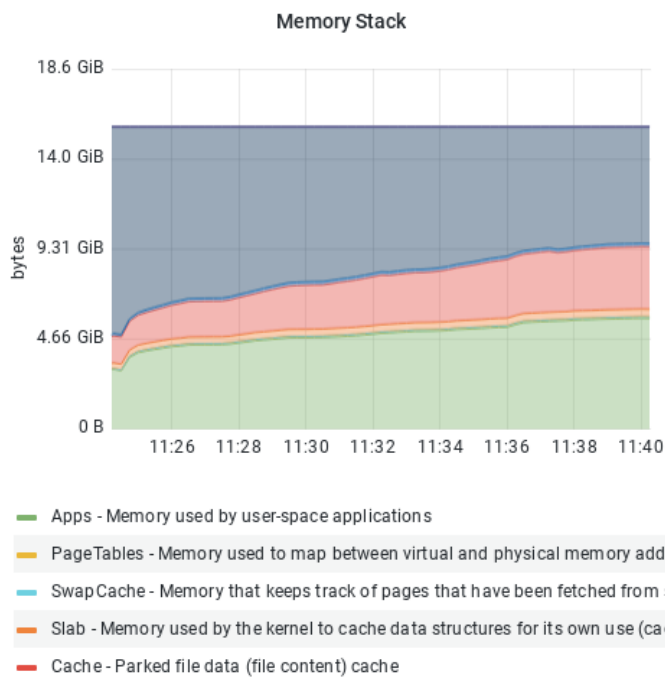
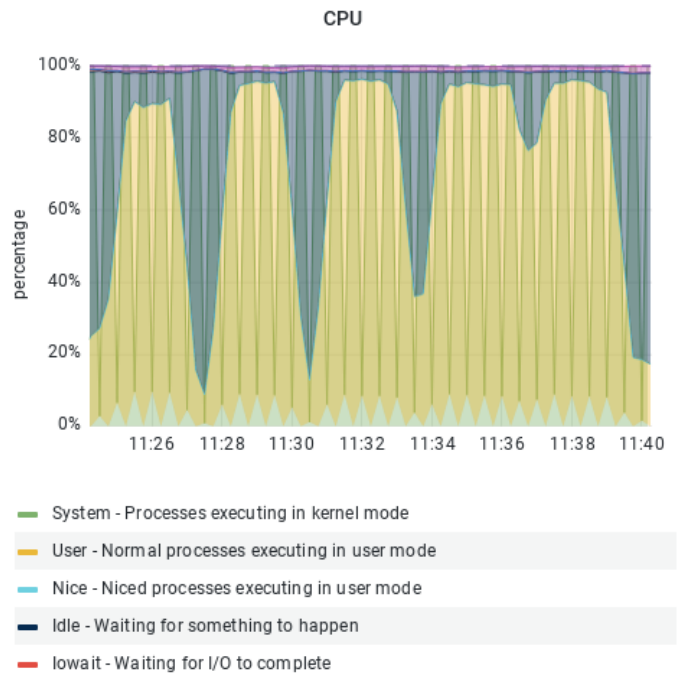
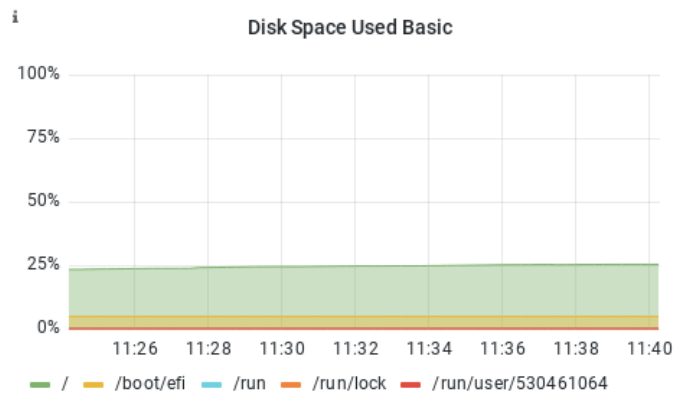
The dashboard visualizes host metrics collected by node_exporter. (based on: <https://grafana.com/grafana/dashboards/1860>)

Mon Oct 31 11:24:12 UTC 2022

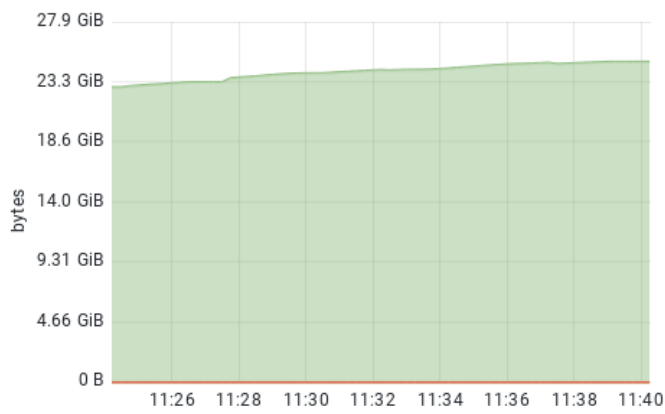
to

Mon Oct 31 11:40:17 UTC 2022



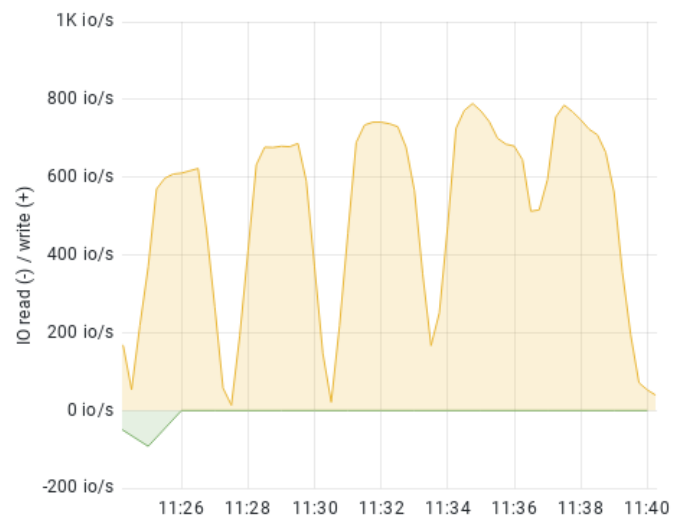


Disk Space Used



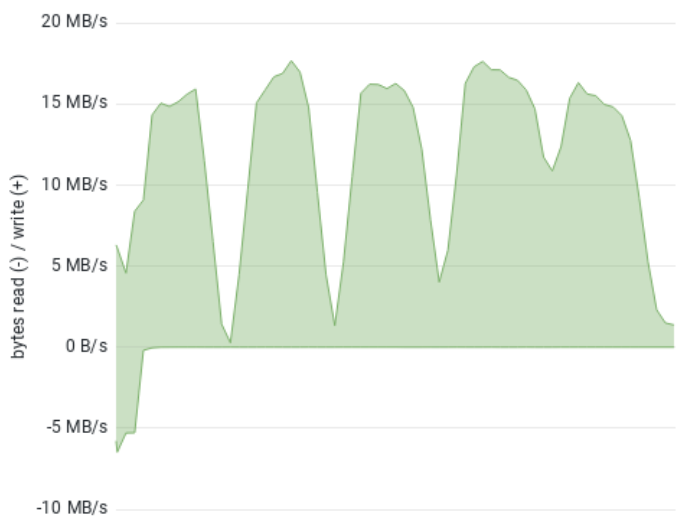
	min	max	avg	current
/run/lock	0.000 B	0.000 B	0.000 B	0.000 B
/run/user/530461064	0.000 B	0.000 B	0.000 B	0.000 B
/run	3.316 MiB	3.395 MiB	3.393 MiB	3.395 MiB
/boot/efi	5.898 MiB	5.898 MiB	5.898 MiB	5.898 MiB
/	22.892 GiB	24.869 GiB	24.077 GiB	24.869 GiB

Disk IOps



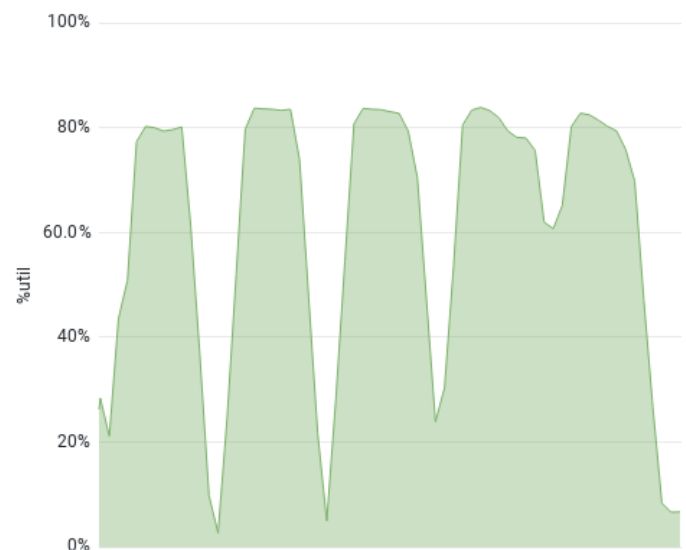
	min	max	avg	current
sda - Reads completed	0 io/s	92.1 io/s	7.63 io/s	0 io/s
sda - Writes completed	13.6 io/s	790 io/s	504 io/s	39.4 io/s

I/O Usage Read / Write



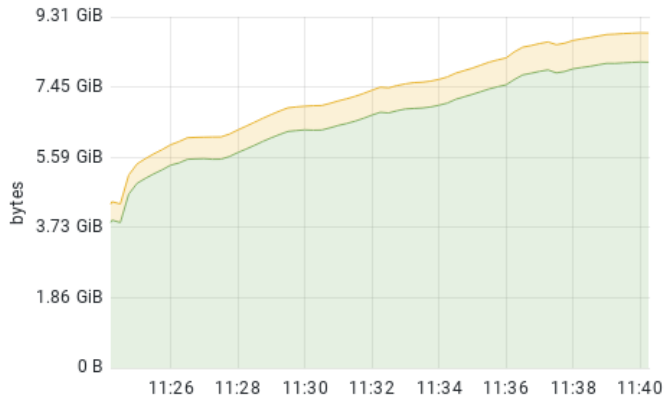
	min	max	avg
sda - Successfully read bytes	0.000 B/s	6.467 MB/s	286.018 kB
sda - Successfully written bytes	274.068 kB/s	17.663 MB/s	11.817 MB

I/O Utilization



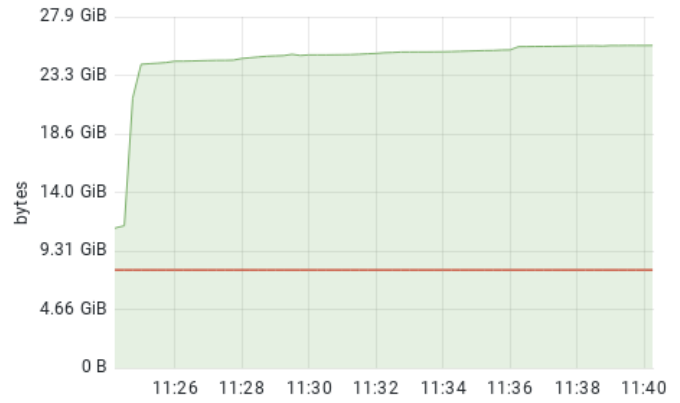
	min	max	avg	current
sda	2.667%	83.849%	60.444%	6.693%

Memory Active / Inactive



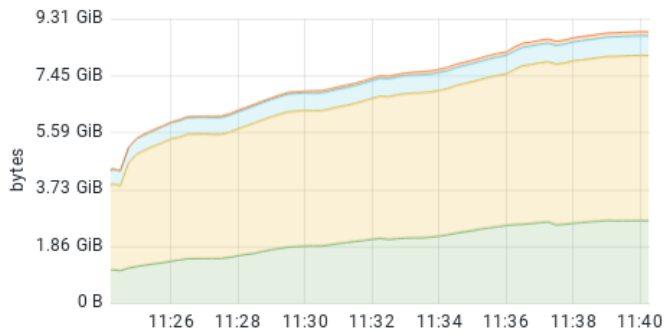
— Inactive - Memory which has been less recently used. It is more eligible to be re
 — Active - Memory that has been used more recently and usually not reclaimed u

Memory Committed



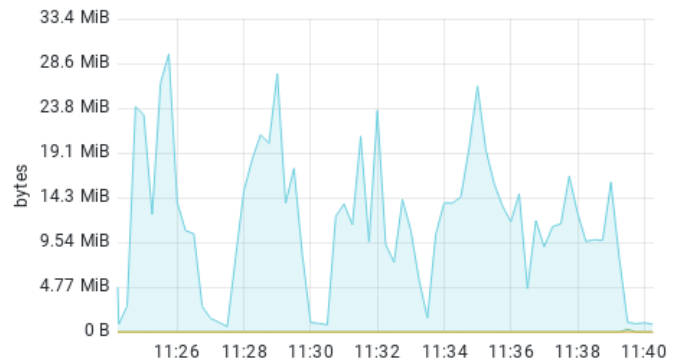
— Committed_AS - Amount of memory presently allocated on the system
 — CommitLimit - Amount of memory currently available to be allocated on the sy

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)

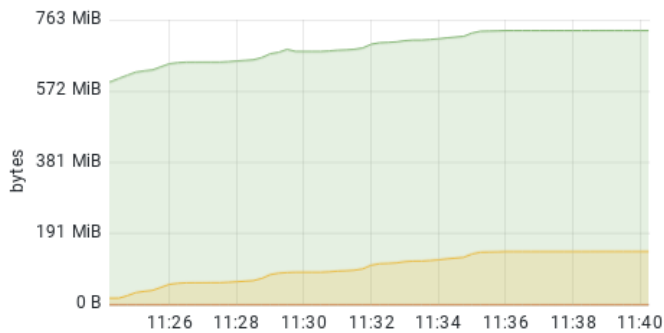
Memory Writeback and Dirty



— 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

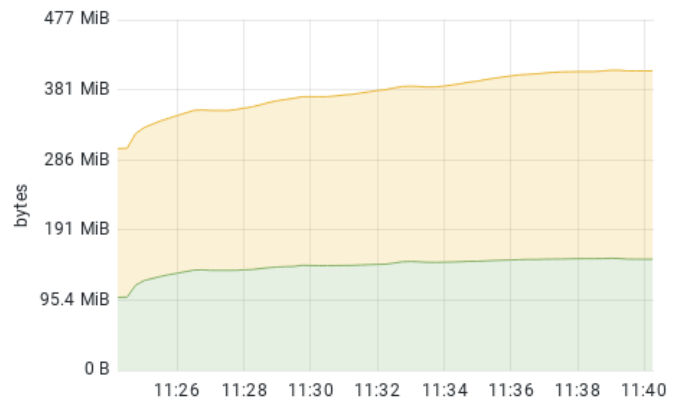
576.

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

9

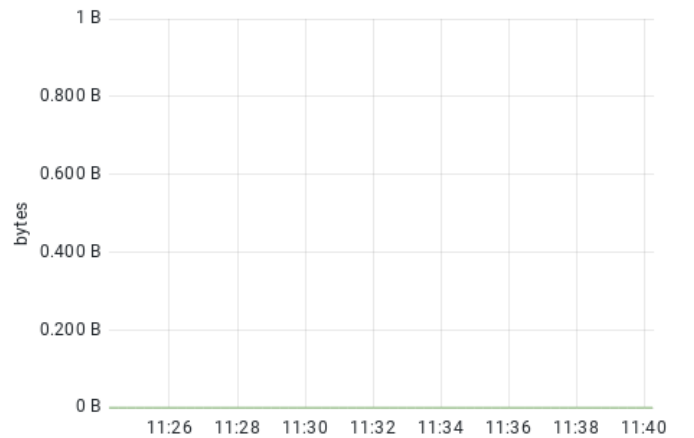
19

Memory Vmalloc



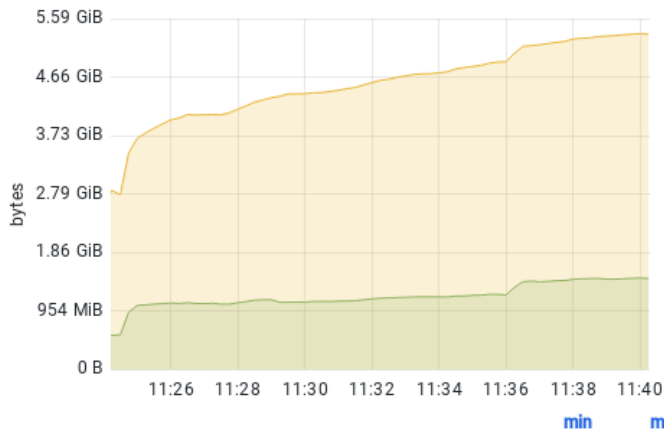
VmallocChunk - Largest contiguous block of vmalloc area which is free	0.00 B	0.00 B
VmallocTotal - Total size of vmalloc memory area	32.00 TiB	32.00 TiB
VmallocUsed - Amount of vmalloc area which is used	35.20 GiB	35.20 GiB

Memory Bounce



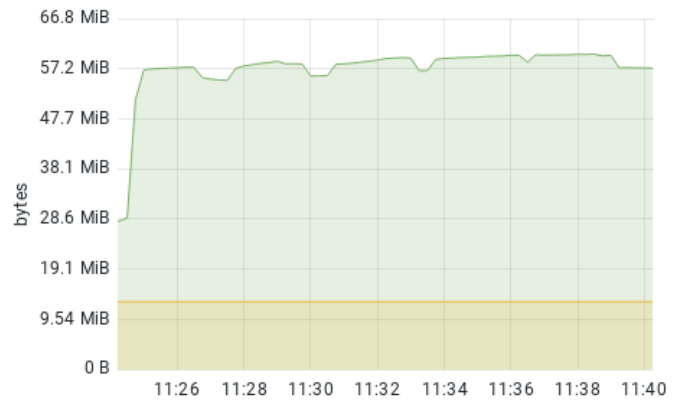
Bounce - Memory used for block device bounce buffers	0.00 B	0.00 B	0.00 B
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Memory Anonymous



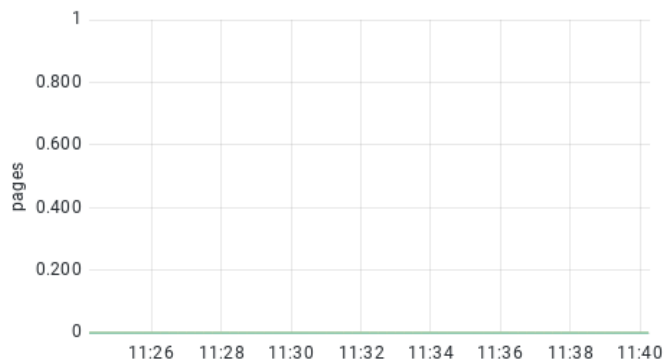
AnonHugePages - Memory in anonymous huge pages	544.00 MiB	1.46 GiB
AnonPages - Memory in user pages not backed by files	2.58 GiB	5.35 GiB

Memory Kernel / CPU



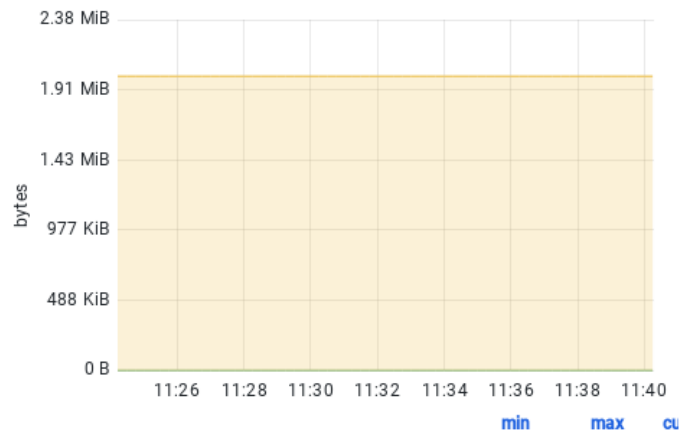
KernelStack - Kernel memory stack. This is not reclaimable	28.20 MiB	28.20 MiB
PerCPU - Per CPU memory allocated dynamically by loadable modules	12.80 MiB	12.80 MiB

Memory HugePages Counter



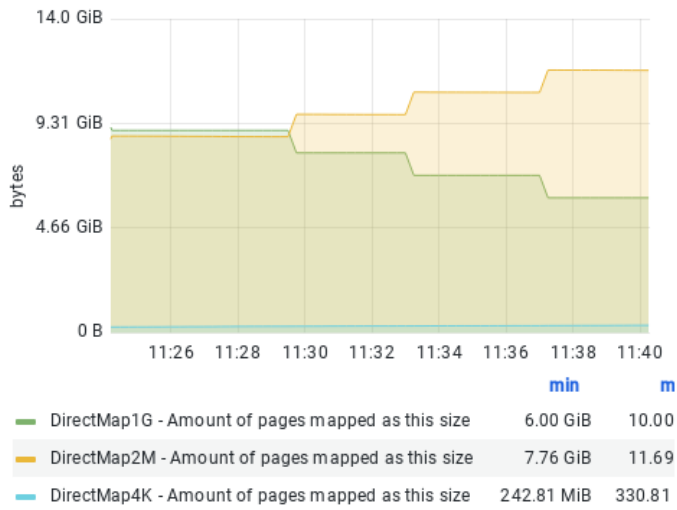
HugePages_Free - Huge pages in the pool that are not yet allocated	0.00	0.00
HugePages_Rsvd - Huge pages for which a commitment to allocate from the pool has been made	0.00	0.00
HugePages_Surp - Huge pages in the pool above the value in /proc/sys/vm/nr_hugepages	0.00	0.00

Memory HugePages Size

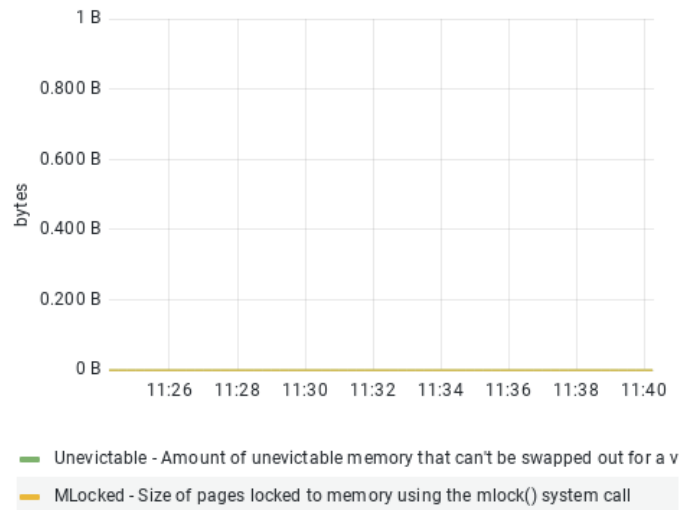


HugePages - Total size of the pool of huge pages	0.00 B	0.00 B
Hugesize - Huge Page size	2.00 MiB	2.00 MiB

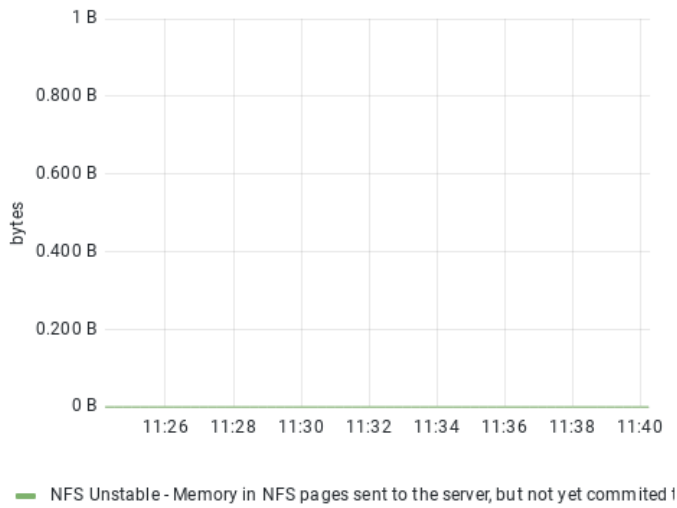
Memory DirectMap



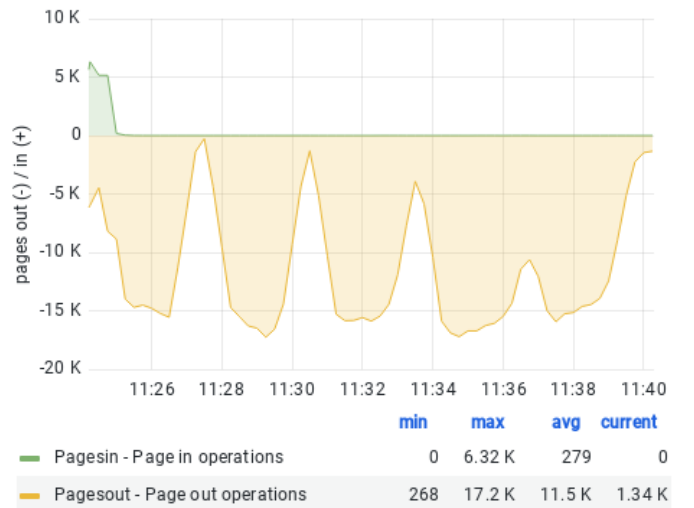
Memory Unevictable and MLocked



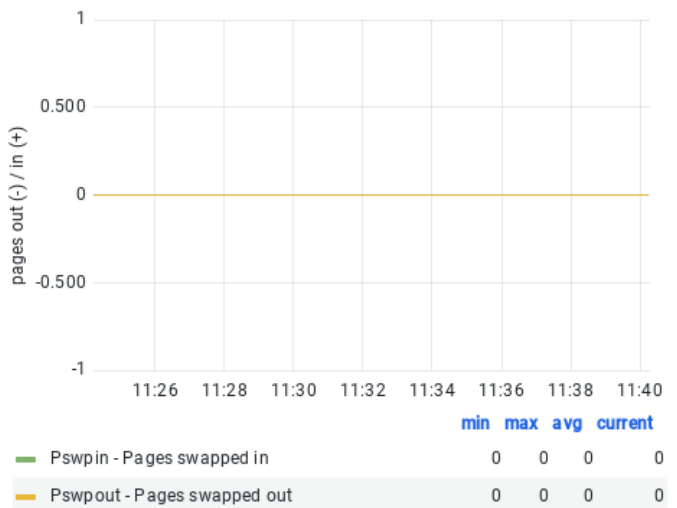
Memory NFS



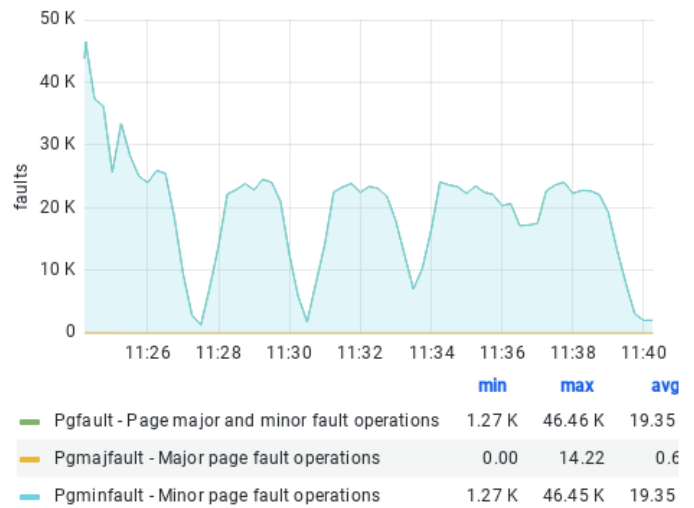
Memory Pages In / Out



Memory Pages Swap In / Out



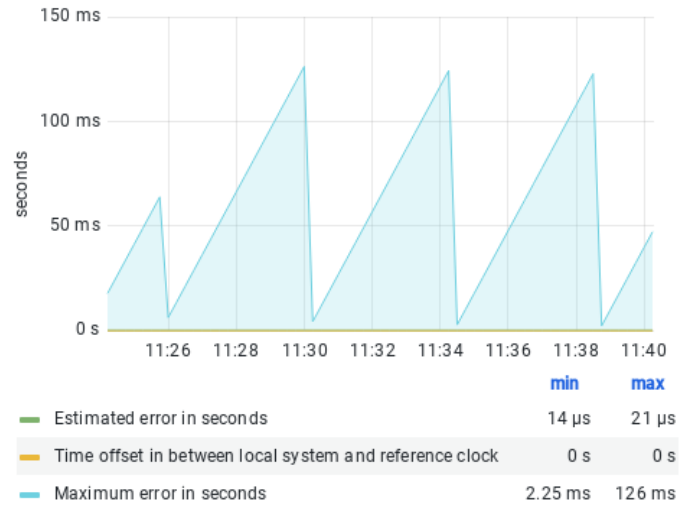
Memory Page Faults



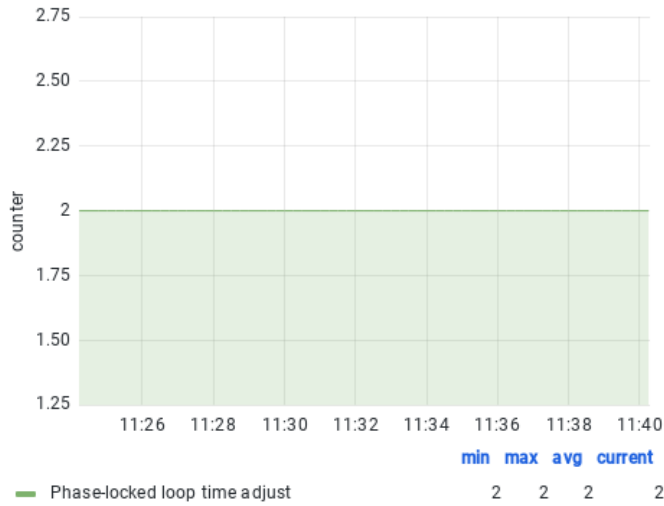
OOM Killer



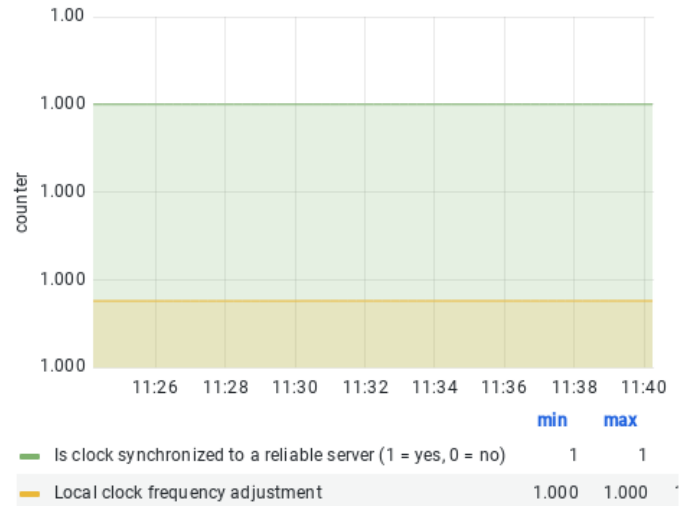
Time Synchronized Drift



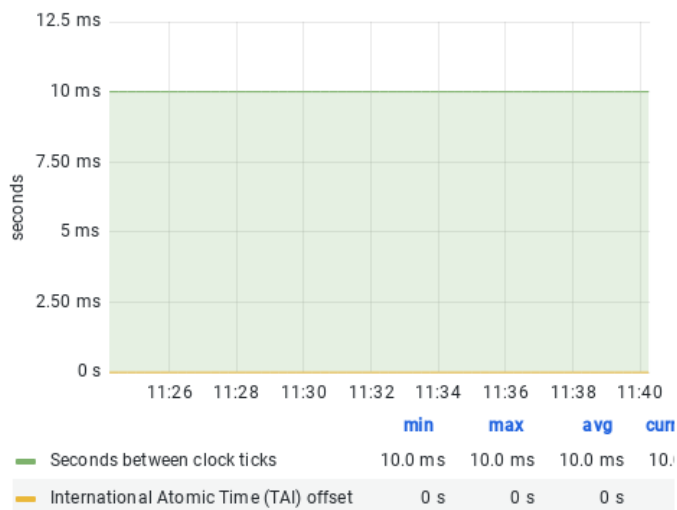
Time PLL Adjust



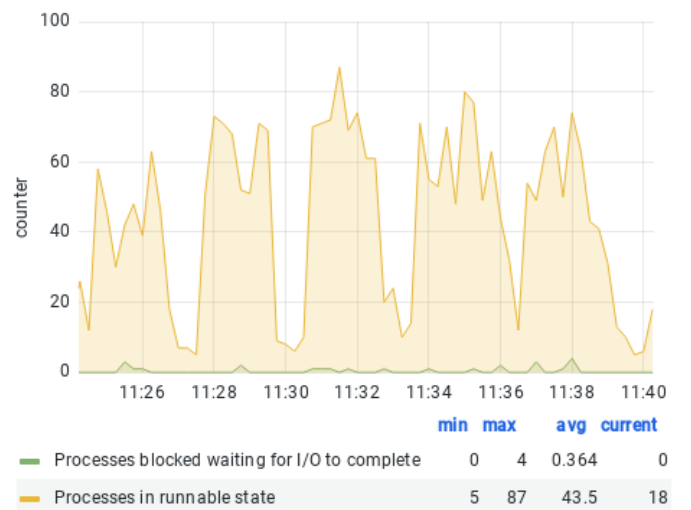
Time Synchronized Status



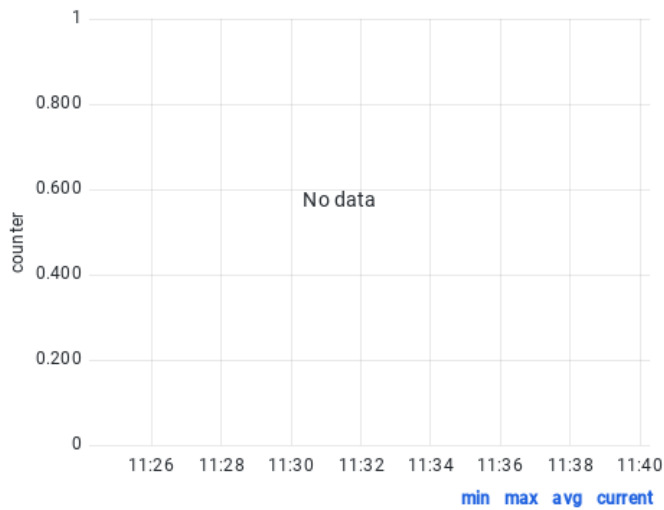
Time Misc



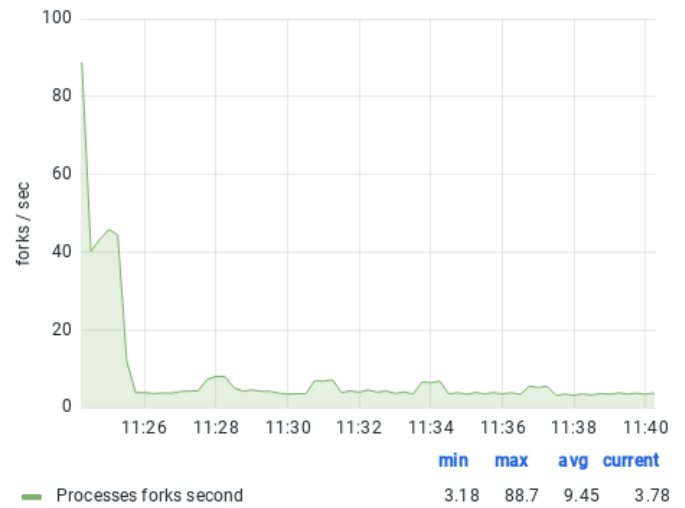
Processes Status



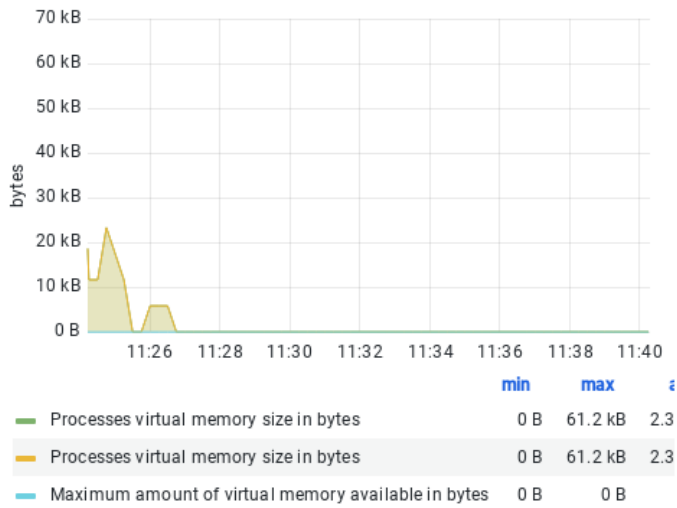
Processes State



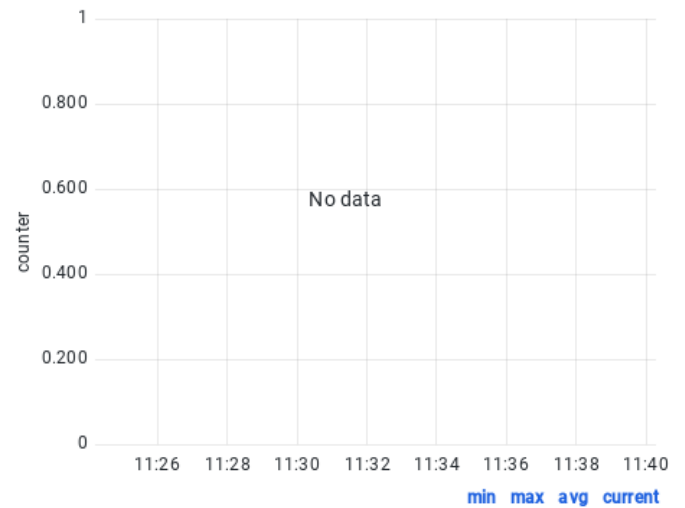
Processes Forks



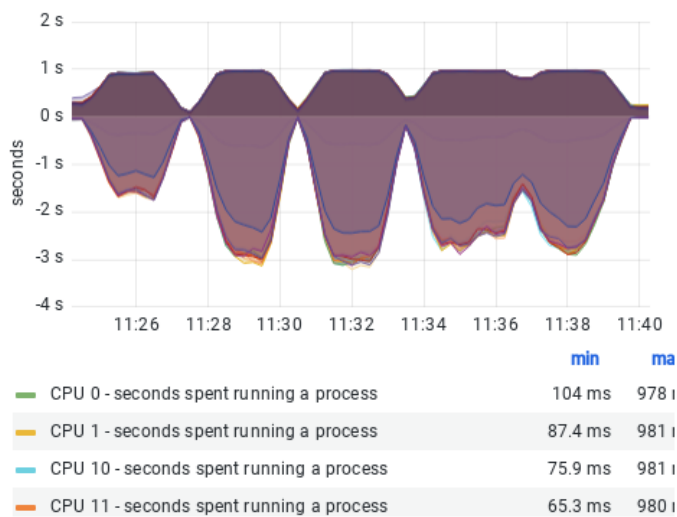
Processes Memory



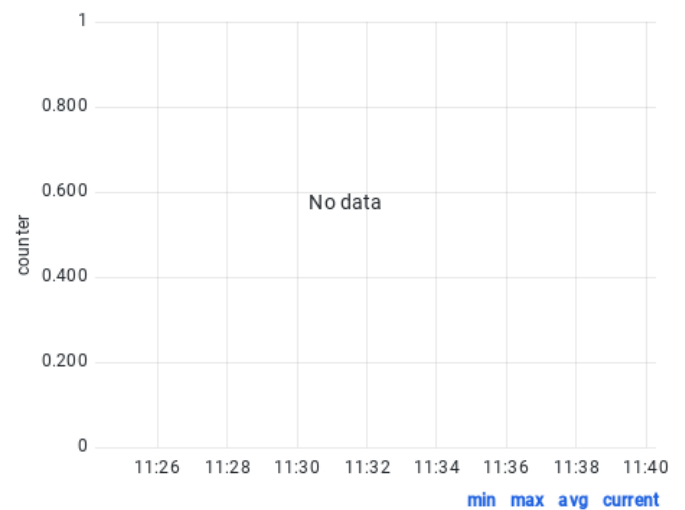
PIDs Number and Limit



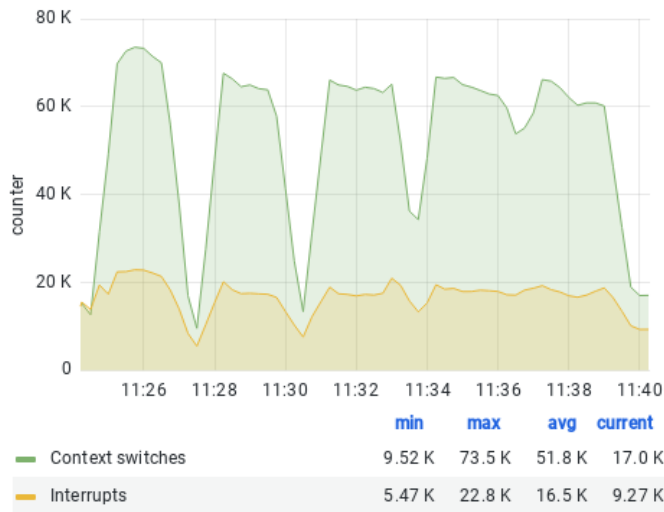
Process schedule stats Running / Waiting



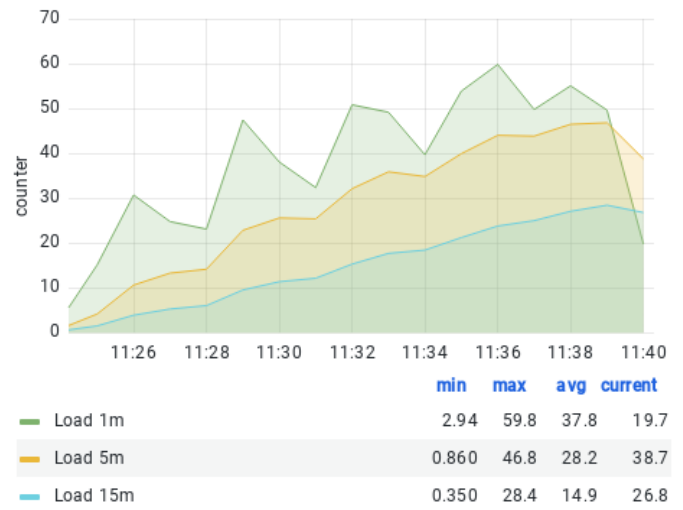
Threads Number and Limit



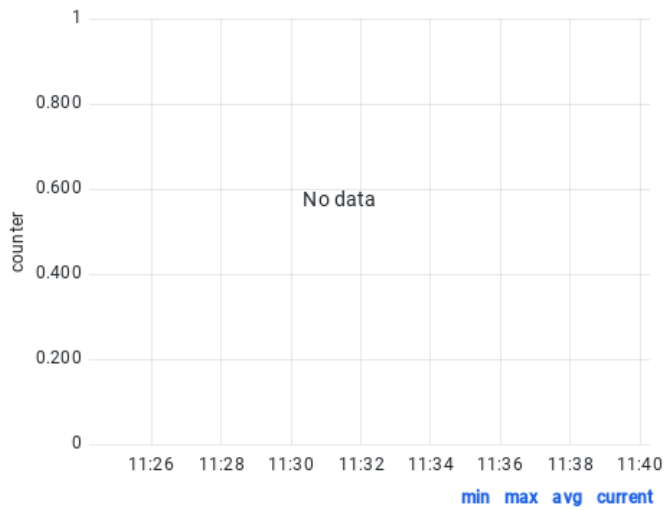
Context Switches / Interrupts



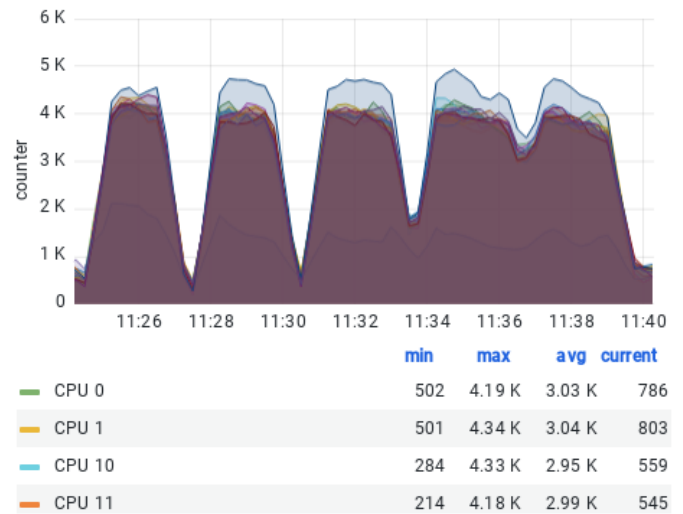
System Load



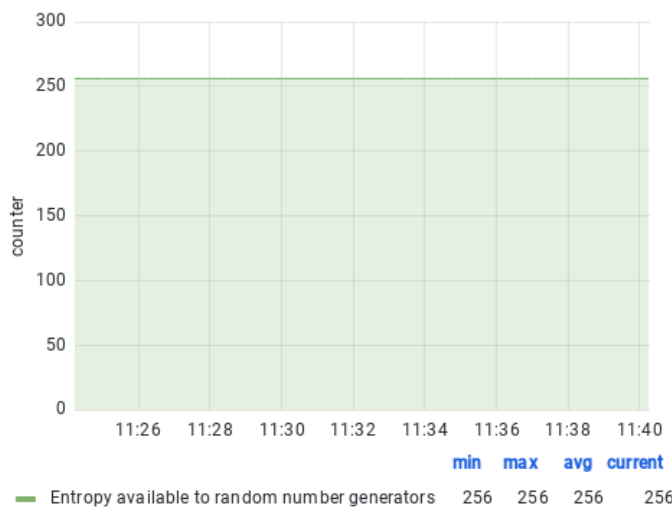
Interrupts Detail



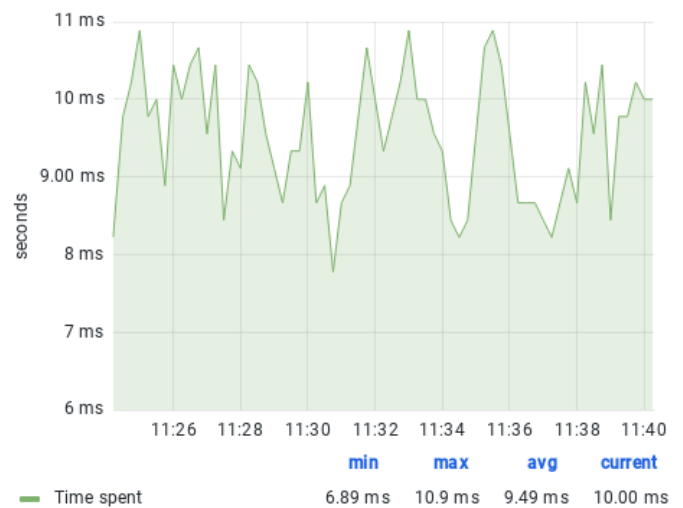
Schedule timeslices executed by each cpu



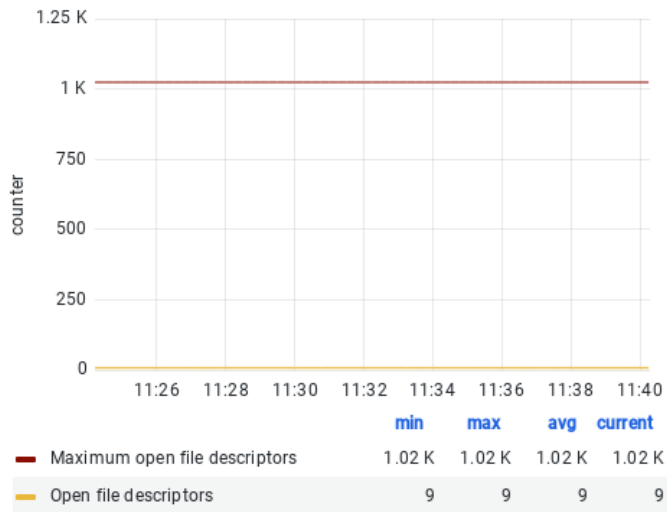
Entropy



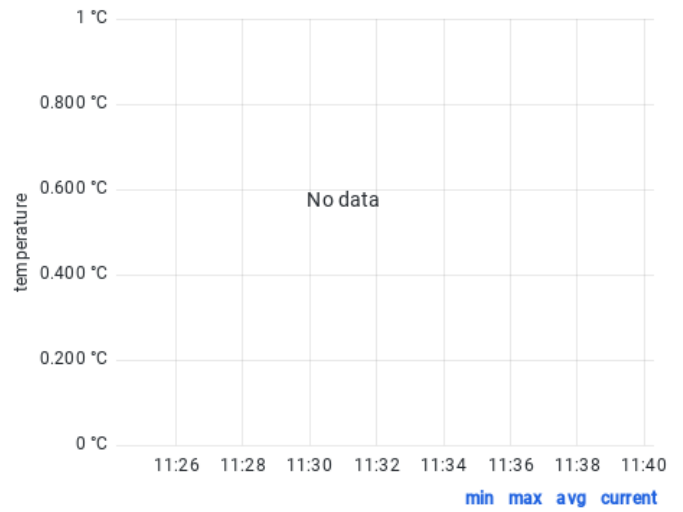
CPU time spent in user and system contexts



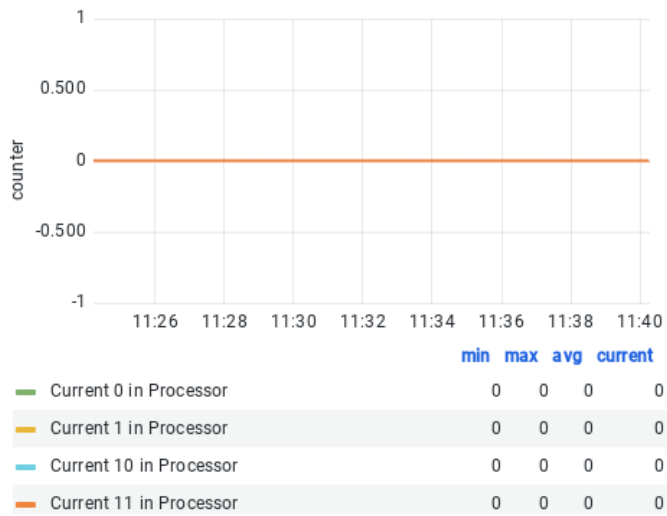
File Descriptors



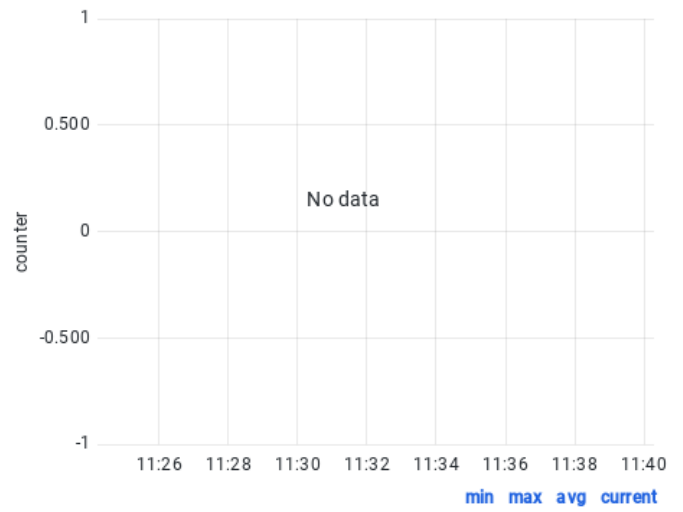
Hardware temperature monitor



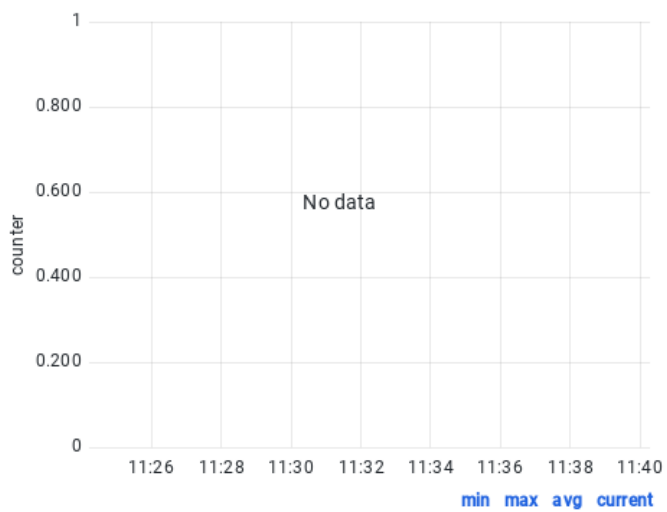
Throttle cooling device



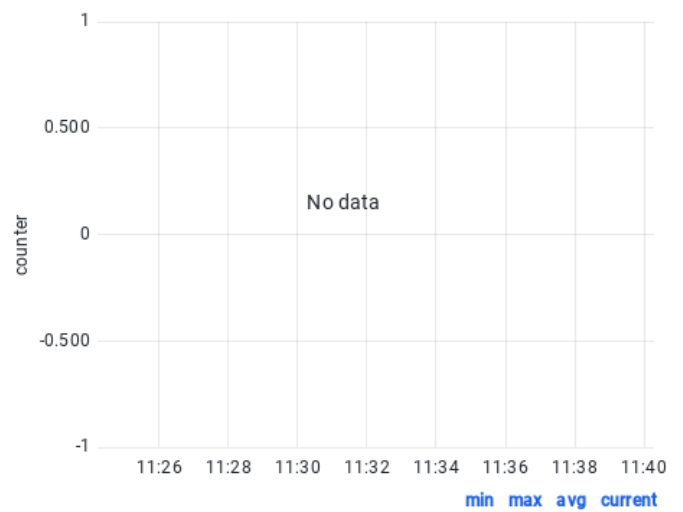
Power supply

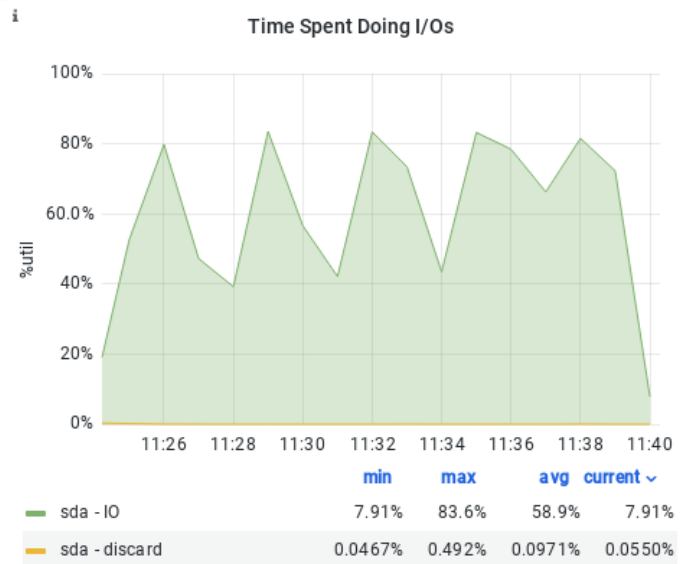
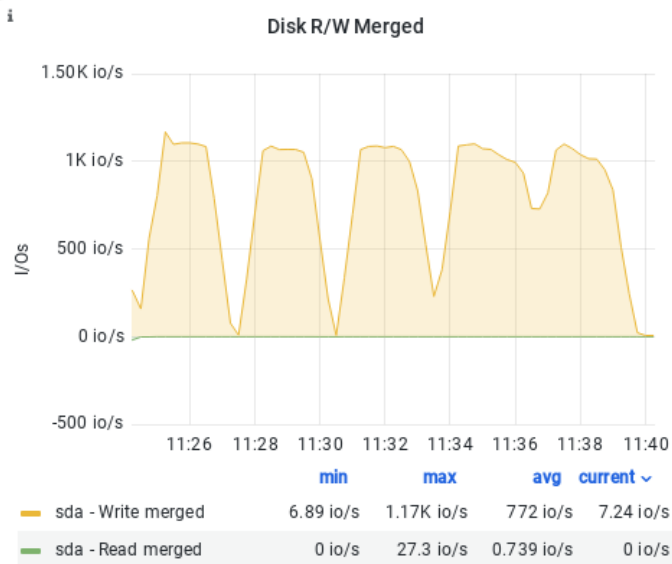
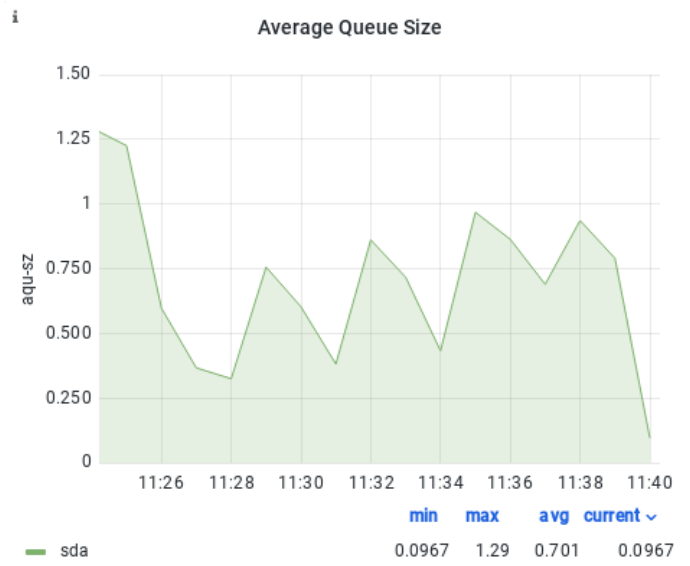
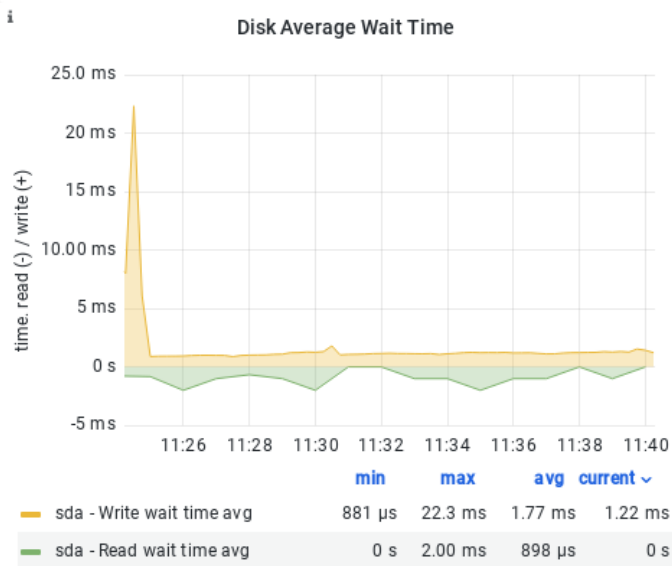
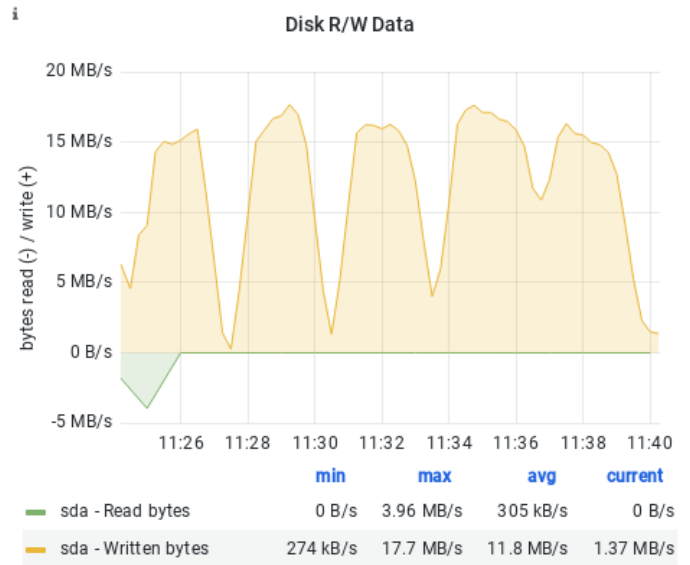
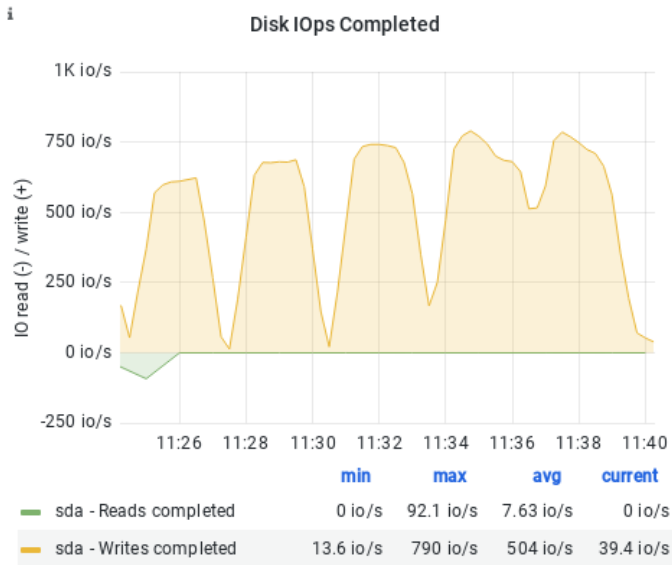


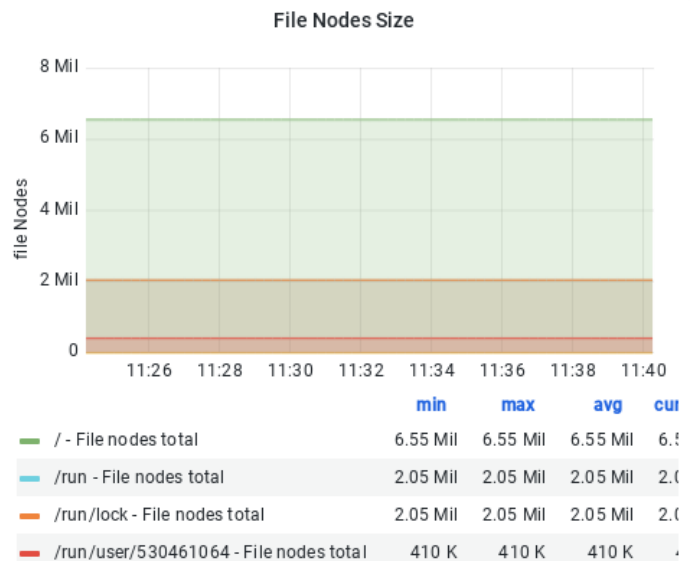
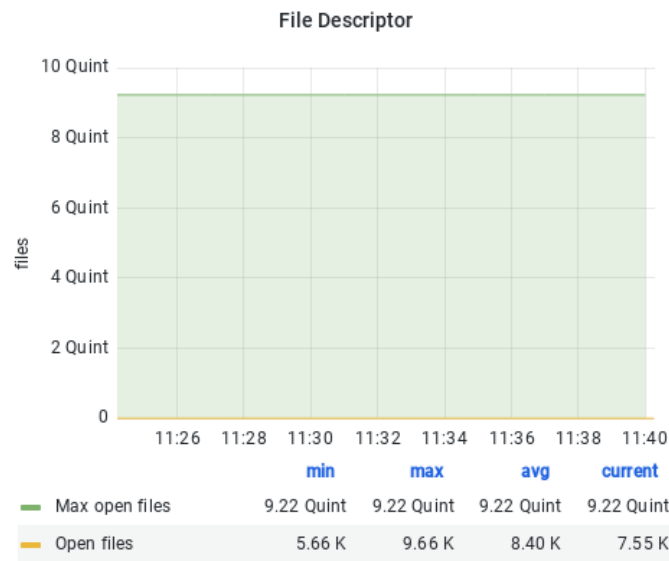
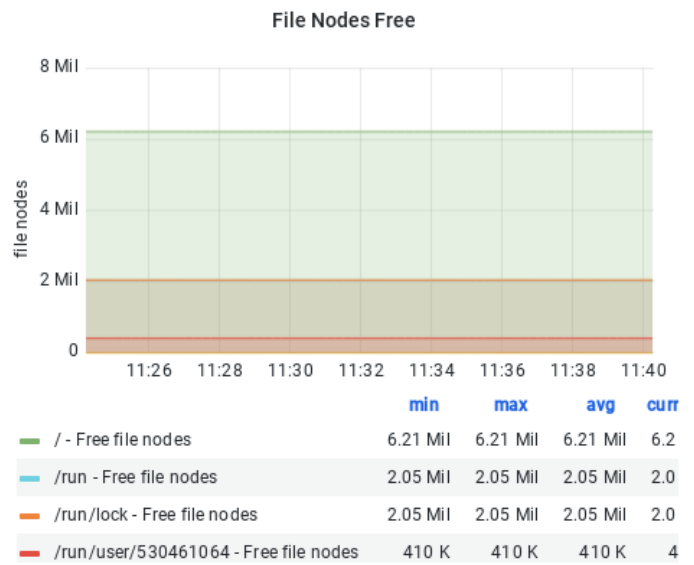
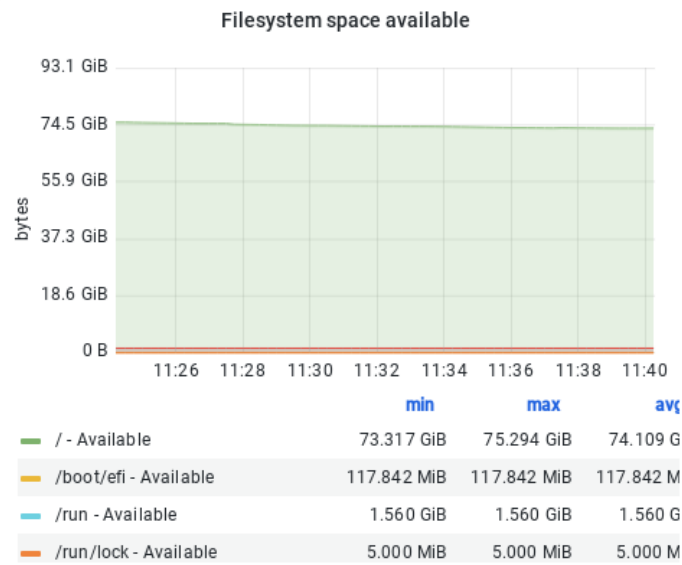
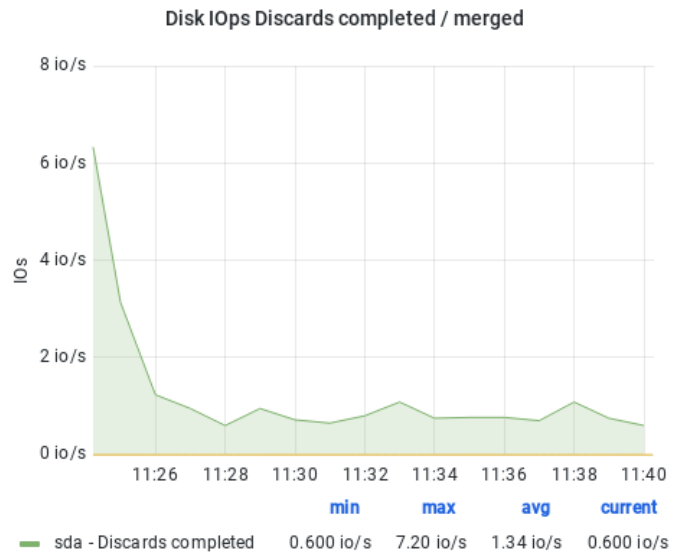
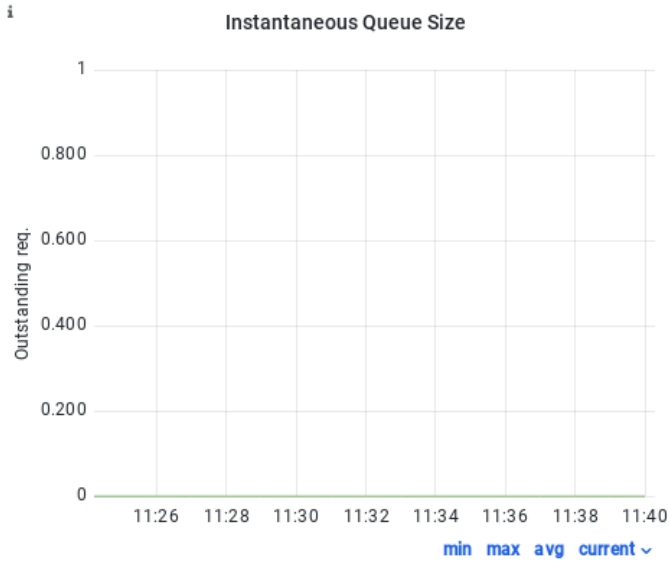
Systemd Sockets



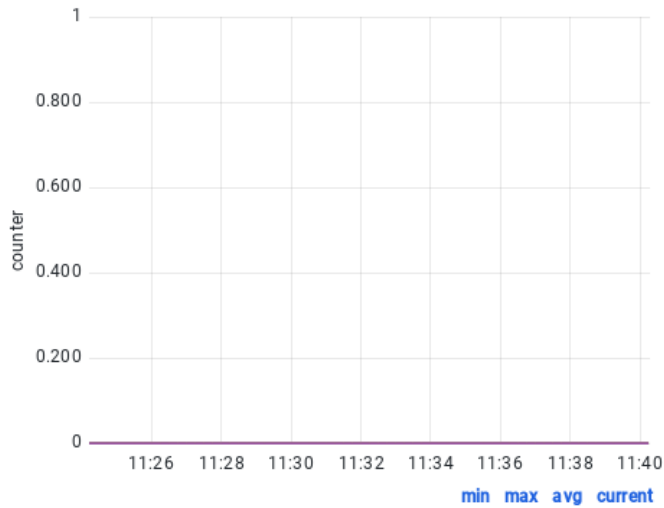
Systemd Units State



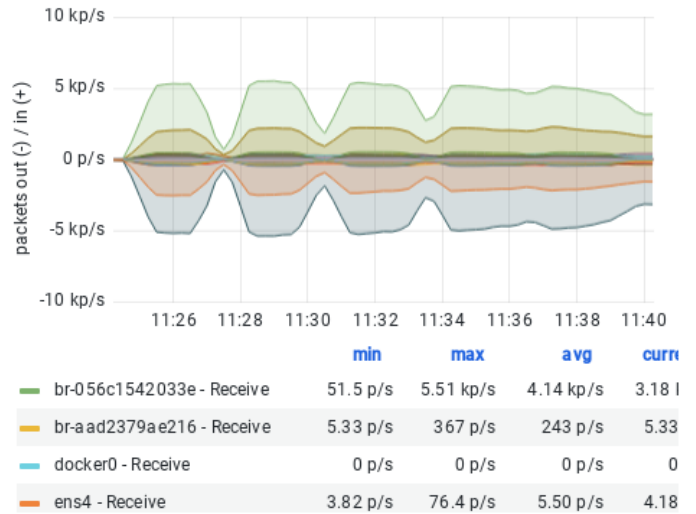




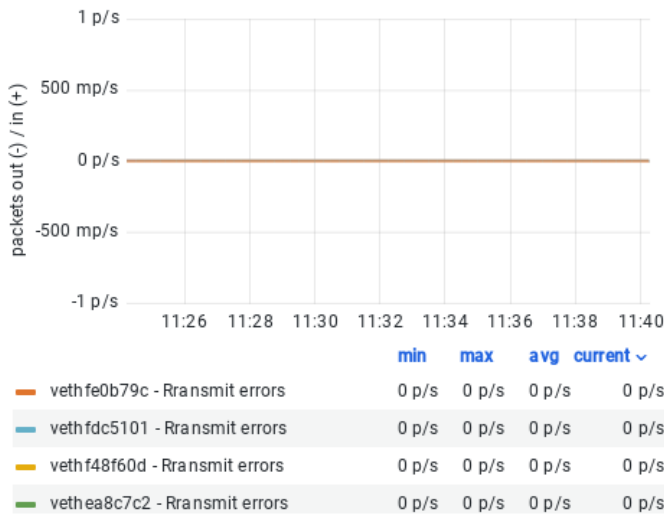
Filesystem in ReadOnly / Error



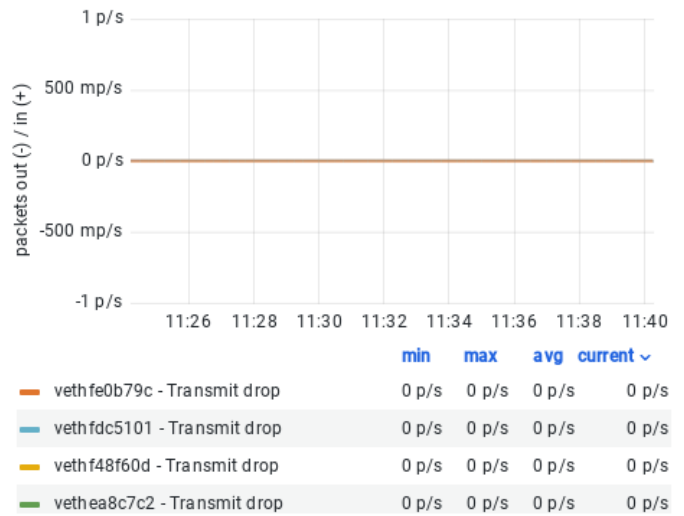
Network Traffic by Packets



Network Traffic Errors



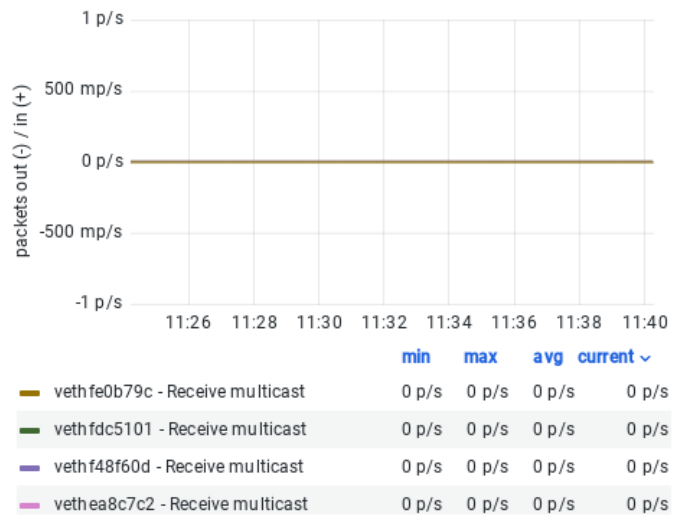
Network Traffic Drop



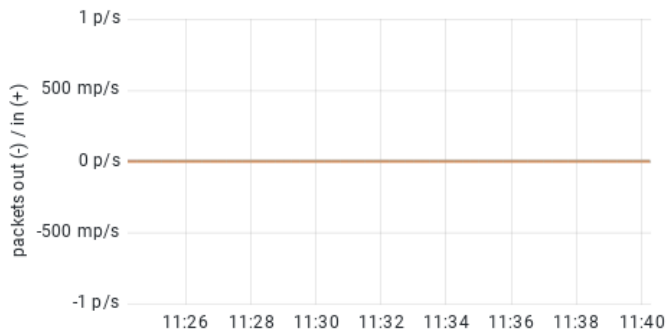
Network Traffic Compressed



Network Traffic Multicast



Network Traffic Fifo



	min	max	avg	current
vethfe0b79c - Transmit fifo	0 p/s	0 p/s	0 p/s	0 p/s
vethfdc5101 - Transmit fifo	0 p/s	0 p/s	0 p/s	0 p/s
vethf48f60d - Transmit fifo	0 p/s	0 p/s	0 p/s	0 p/s
vethea8c7c2 - Transmit fifo	0 p/s	0 p/s	0 p/s	0 p/s

Network Traffic Frame



	min	max	avg	current
vethfe0b79c - Receive frame	0 p/s	0 p/s	0 p/s	0 p/s
vethfdc5101 - Receive frame	0 p/s	0 p/s	0 p/s	0 p/s
vethf48f60d - Receive frame	0 p/s	0 p/s	0 p/s	0 p/s
vethea8c7c2 - Receive frame	0 p/s	0 p/s	0 p/s	0 p/s

Network Traffic Carrier



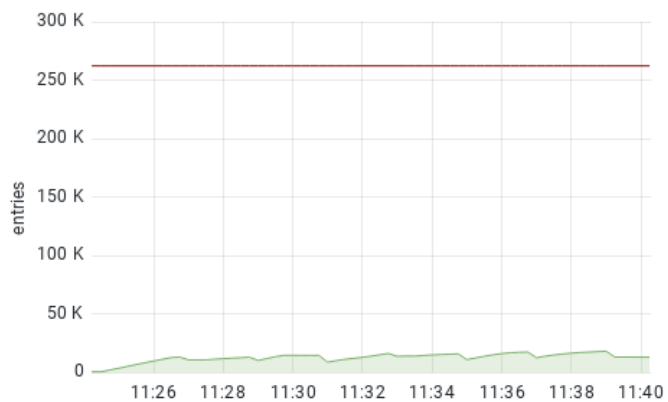
	min	max	avg	current
vethfe0b79c - Statistic transmit_carrier	0	0	0	0
vethfdc5101 - Statistic transmit_carrier	0	0	0	0
vethf48f60d - Statistic transmit_carrier	0	0	0	0
vethea8c7c2 - Statistic transmit_carrier	0	0	0	0

Network Traffic Colls



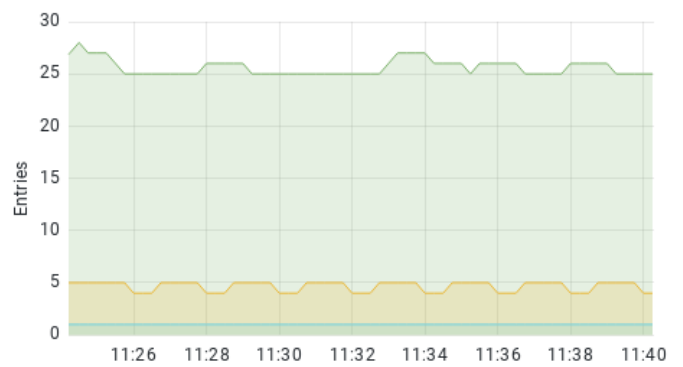
	min	max	avg	current
vethfe0b79c - Transmit colls	0	0	0	0
vethfdc5101 - Transmit colls	0	0	0	0
vethf48f60d - Transmit colls	0	0	0	0
vethea8c7c2 - Transmit colls	0	0	0	0

NF Contrack



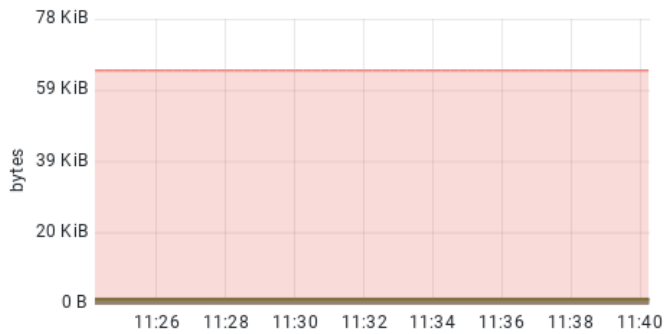
	min	max	avg	current
NF conntrack entries	504	18.1 K	12.5 K	13.0 K
NF conntrack limit	262 K	262 K	262 K	262 K

ARP Entries



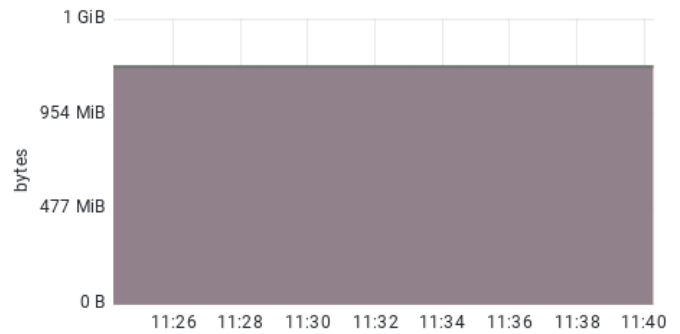
	min	max	avg	current
br-056c1542033e - ARP entries	25	28	25.6	25
br-aad2379ae216 - ARP entries	4	5	4.65	4
ens4 - ARP entries	1	1	1	1

MTU



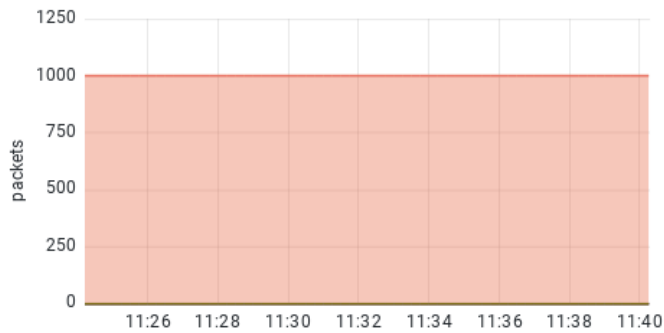
	min	max	avg	current
br-056c1542033e - Bytes	1.5 KiB	1.5 KiB	1.5 KiB	1.5 KiB
br-aad2379ae216 - Bytes	1.5 KiB	1.5 KiB	1.5 KiB	1.5 KiB
docker0 - Bytes	1.5 KiB	1.5 KiB	1.5 KiB	1.5 KiB
ens4 - Bytes	1.4 KiB	1.4 KiB	1.4 KiB	1.4 KiB

Speed



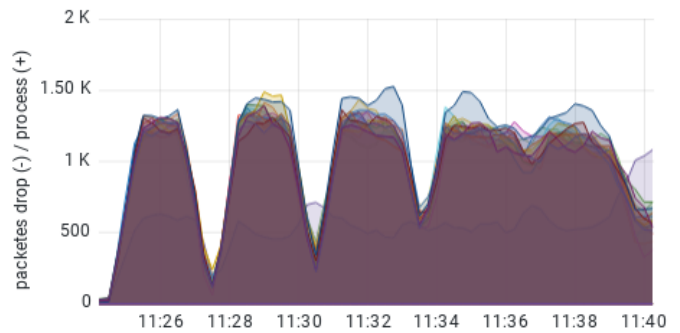
	min	max	avg	current
br-056c1542033e - Speed	1.2 GiB	1.2 GiB	1.2 GiB	1.2 GiB
br-aad2379ae216 - Speed	1.2 GiB	1.2 GiB	1.2 GiB	1.2 GiB
docker0 - Speed	-122.1 KiB	-122.1 KiB	-122.1 KiB	-122.1 KiB
ens4 - Speed	-122.1 KiB	-122.1 KiB	-122.1 KiB	-122.1 KiB

Queue Length



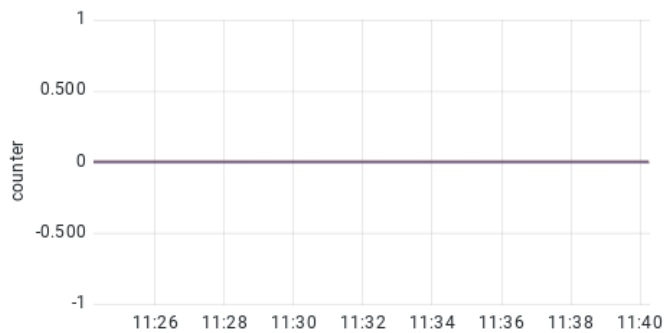
	min	max	avg	current
br-056c1542033e - Interface transmit queue length	0.0	0.0	0.0	0.0
br-aad2379ae216 - Interface transmit queue length	0.0	0.0	0.0	0.0
docker0 - Interface transmit queue length	0.0	0.0	0.0	0.0
ens4 - Interface transmit queue length	1000.0	1000.0	1000.0	1000.0

Softnet Packets



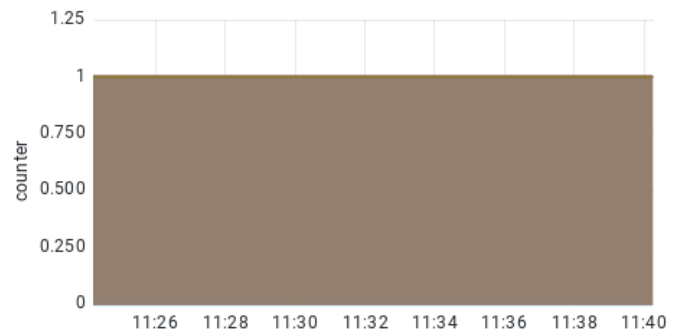
	min	max	avg	current
CPU 15 - Processed	10.7	1.08 K	541	1.08 K
CPU 2 - Processed	15.2	1.40 K	969	714
CPU 0 - Processed	35.0	1.35 K	965	714
CPU 7 - Processed	10.5	1.52 K	1.07 K	670

Softnet Out of Quota



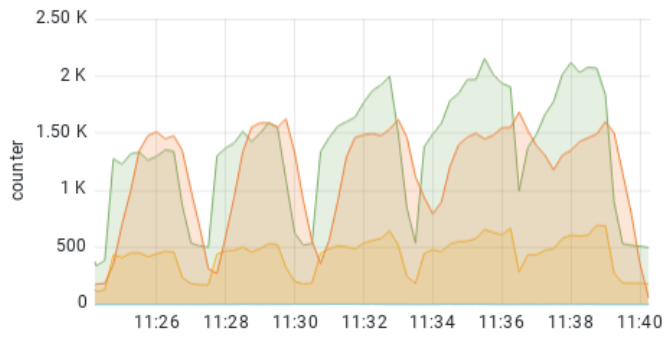
	min	max	avg	current
CPU 9 - Squeezed	0	0	0	0
CPU 8 - Squeezed	0	0	0	0
CPU 7 - Squeezed	0	0	0	0
CPU 6 - Squeezed	0	0	0	0

Network Operational Status



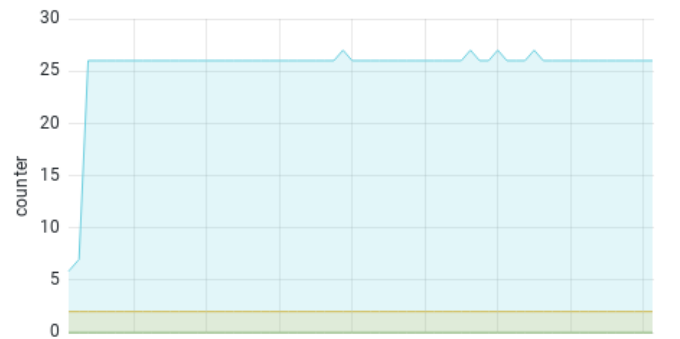
	min	max	avg	current
vethfe0b79c - Physical link state	1	1	1	1
vethfdc5101 - Physical link state	1	1	1	1
vethf48f60d - Physical link state	1	1	1	1
vetha8c7c2 - Physical link state	1	1	1	1

Sockstat TCP



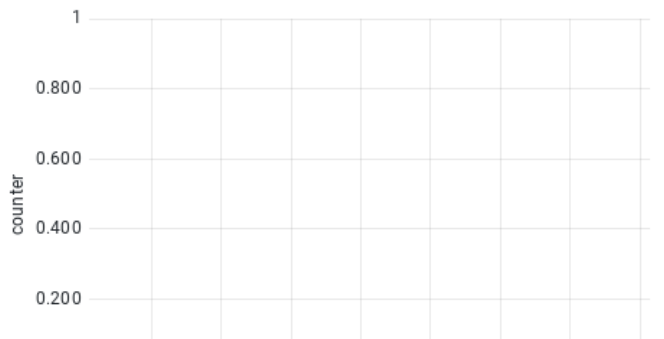
	min	max	avg	current
TCP_alloc - Allocated sockets	339	2.15 K	1.35 K	499
TCP_inuse - Tcp sockets currently in use	115	693	430	181
TCP_orphan - Orphan sockets	0	3	0.773	0
TCP_tw - Sockets wating close	60	1.68 K	1.14 K	60

Sockstat UDP



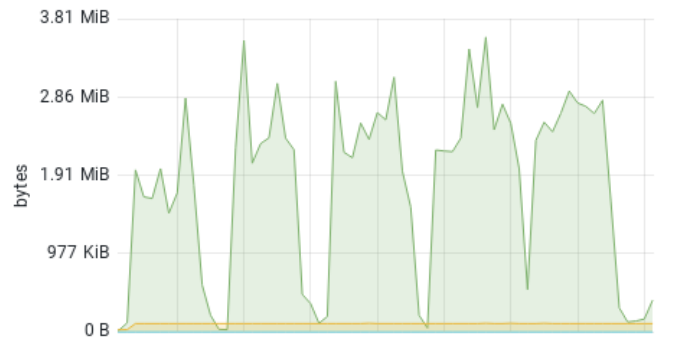
	min	max	avg	current
UDPLITE_inuse - Udplite sockets currently in use	0	0	0	0
UDP_inuse - Udp sockets currently in use	2	2	2	2
UDP_mem - Used memory for udp	5	27	25.2	26

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



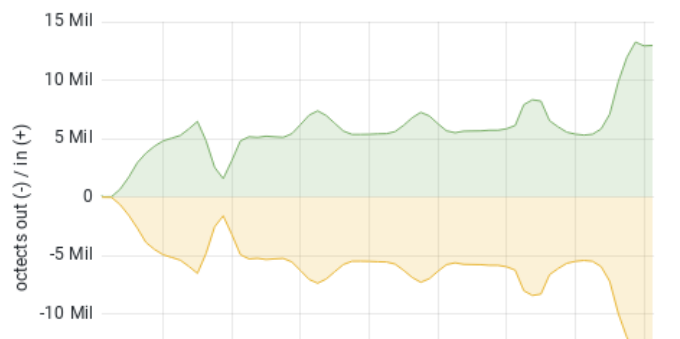
	min	max	avg	curr
mem_bytes - TCP sockets in that state	20 KiB	3.59 MiB	1.77 MiB	396
mem_bytes - UDP sockets in that state	20 KiB	108 KiB	101 KiB	104
FRAG_memory - Used memory for frag	0 B	0 B	0 B	0

Sockstat Used



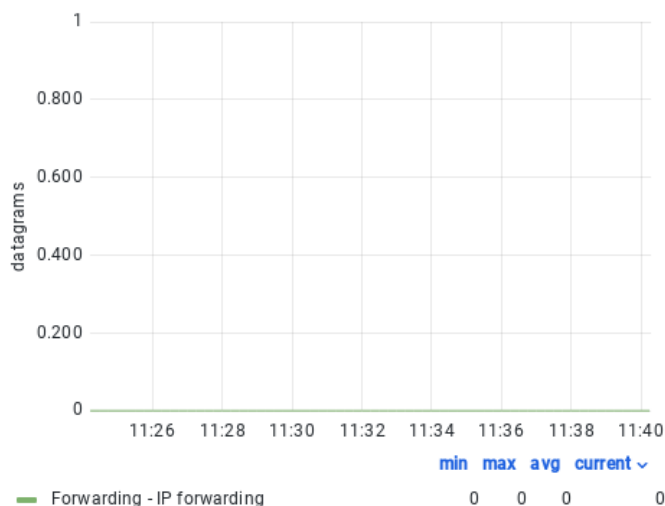
	min	max	avg	current
Sockets_used - Sockets currently in use	483	1.06 K	798	549

Netstat IP In / Out Octets

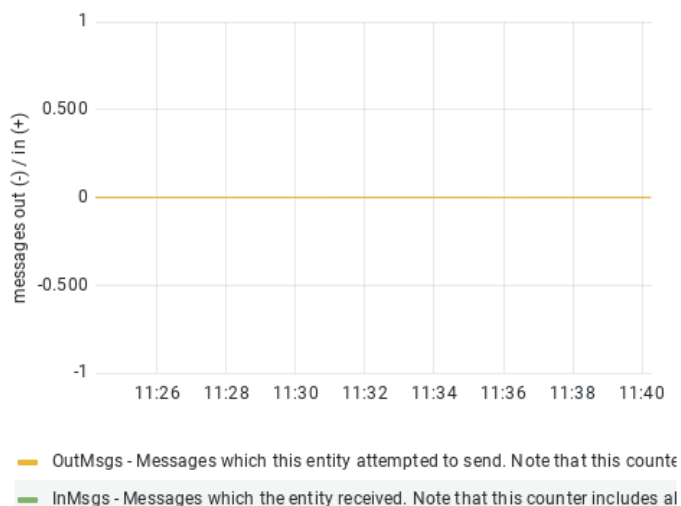


	min	max	avg	current
OutOctets - Sent octets	19.2 K	13.3 Mil	5.82 Mil	13.0 Mil
InOctets - Received octets	17.9 K	13.3 Mil	5.74 Mil	13.0 Mil

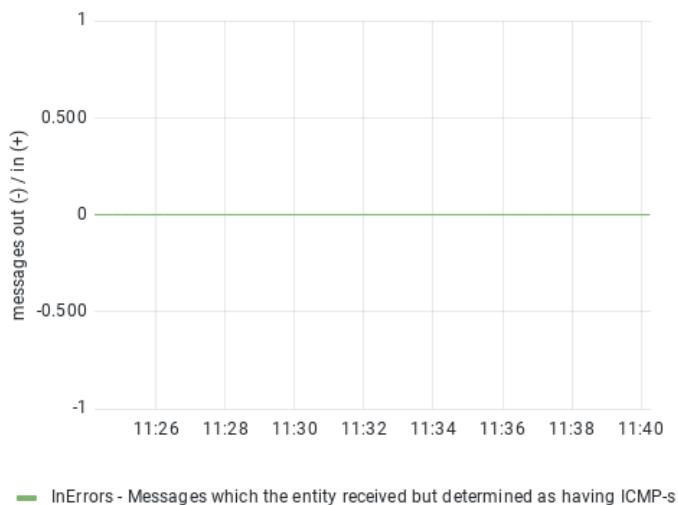
Netstat IP Forwarding



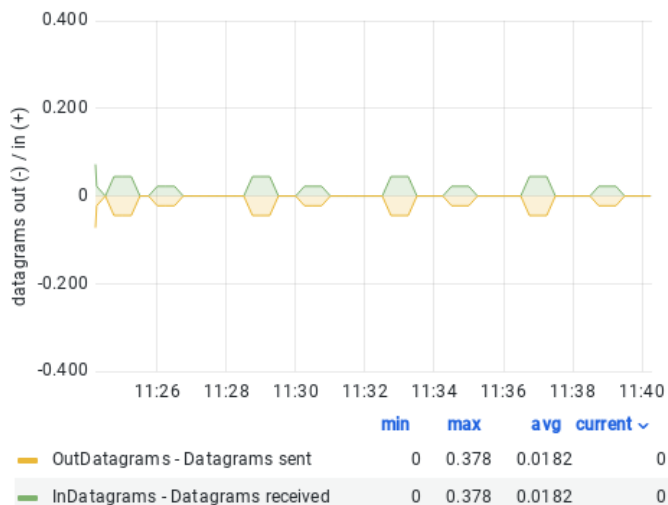
ICMP In / Out



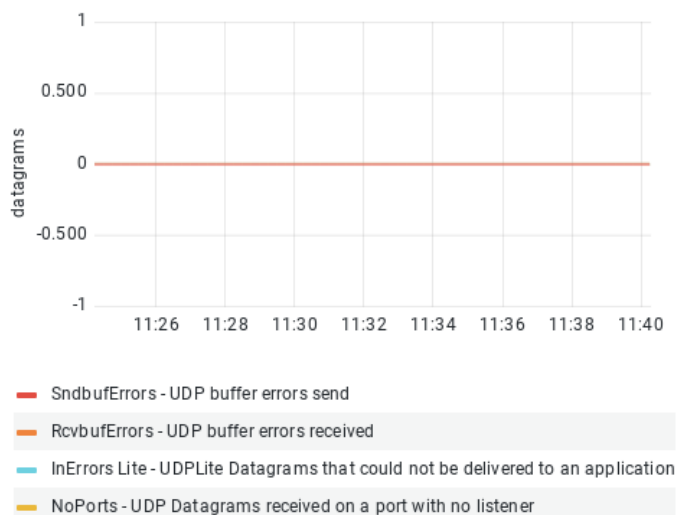
ICMP Errors



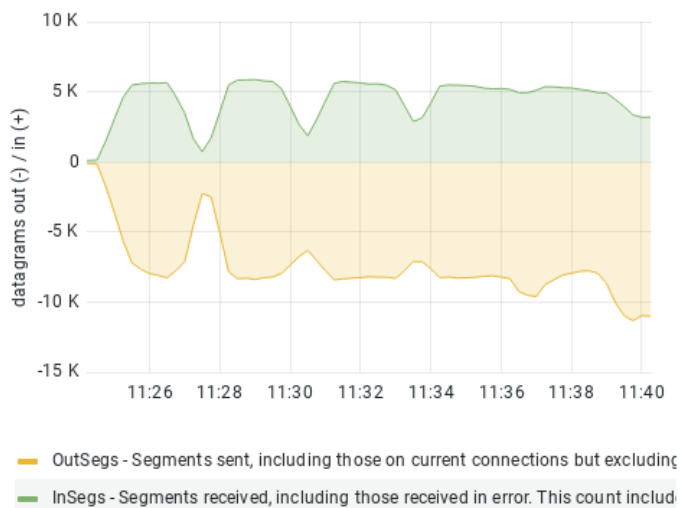
UDP In / Out



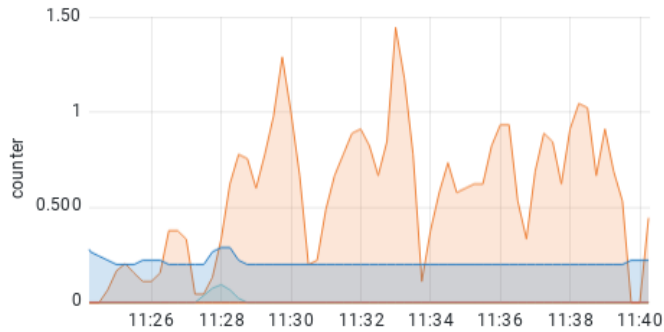
UDP Errors



TCP In / Out

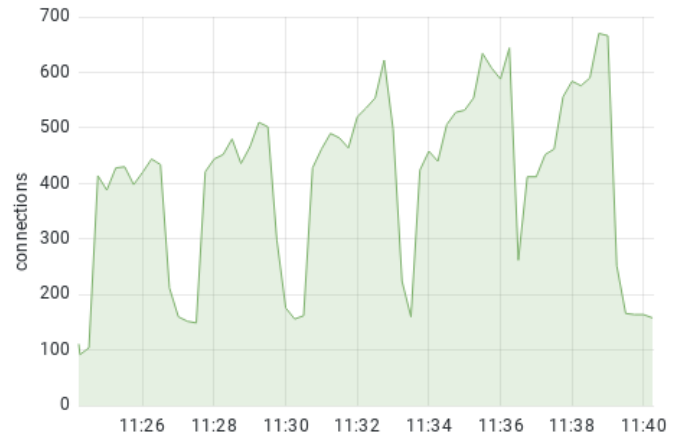


TCP Errors



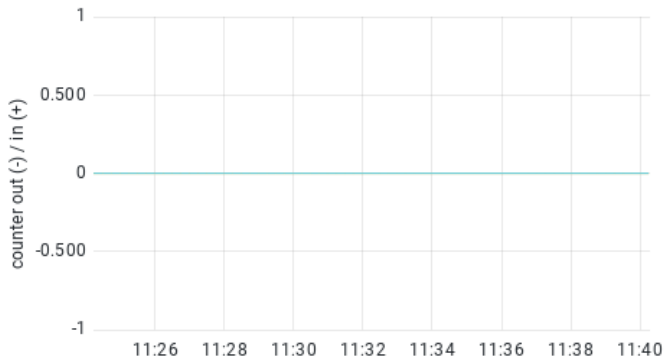
RetransSegs - Segments retransmitted - that is, the number of TCP segments tr
 OutRsts - Segments sent with RST flag
 InErrs - Segments received in error (e.g., bad TCP checksums)
 TCPSynRetrans - SYN-SYN/ACK retransmits to break down retransmissions in

TCP Connections



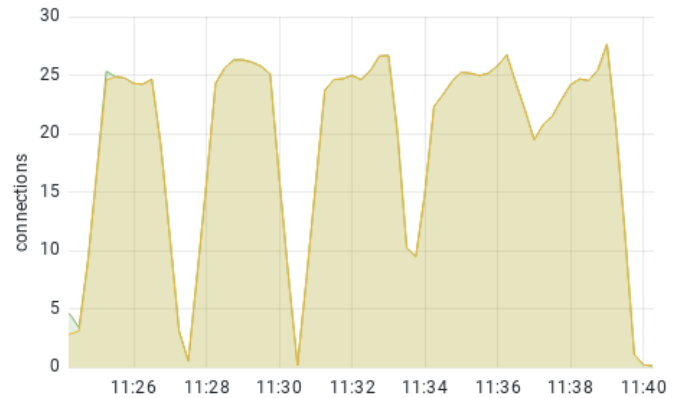
CurrEstab - TCP connections for which the current state is either ESTABLISHED

TCP SynCookie



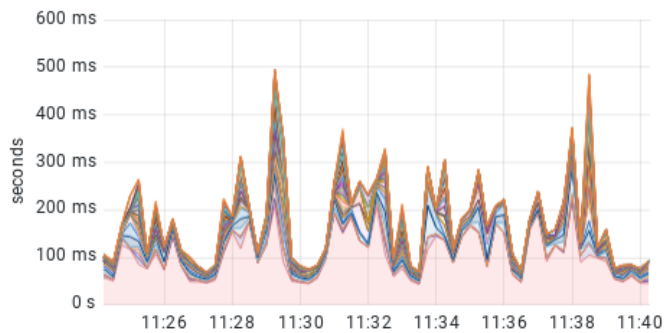
	min	max	avg	current
SyncookiesSent - SYN cookies sent	0	0	0	0
SyncookiesRecv - SYN cookies received	0	0	0	0
SyncookiesFailed - Invalid SYN cookies received	0	0	0	0

TCP Direct Transition



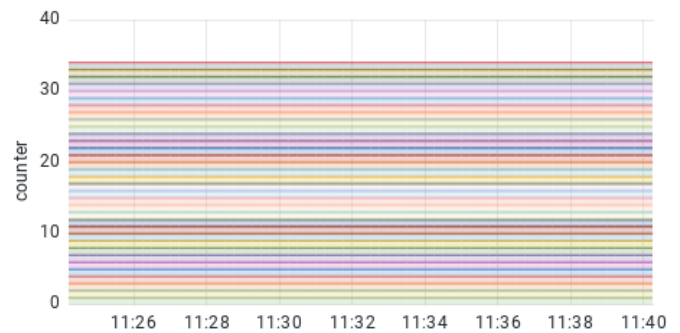
ActiveOpens - TCP connections that have made a direct transition to the SYN-S
 PassiveOpens - TCP connections that have made a direct transition to the SYN

Node Exporter Scrape Time



	min	max	avg	current
netclass - Scrape duration	43.3 ms	220 ms	103 ms	45.6
diskstats - Scrape duration	1.07 ms	31.9 ms	5.67 ms	4.93
udp_queues - Scrape duration	172 μ s	35.8 ms	1.54 ms	4.52
textfile - Scrape duration	9.82 μ s	9.55 ms	712 μ s	4.23

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