

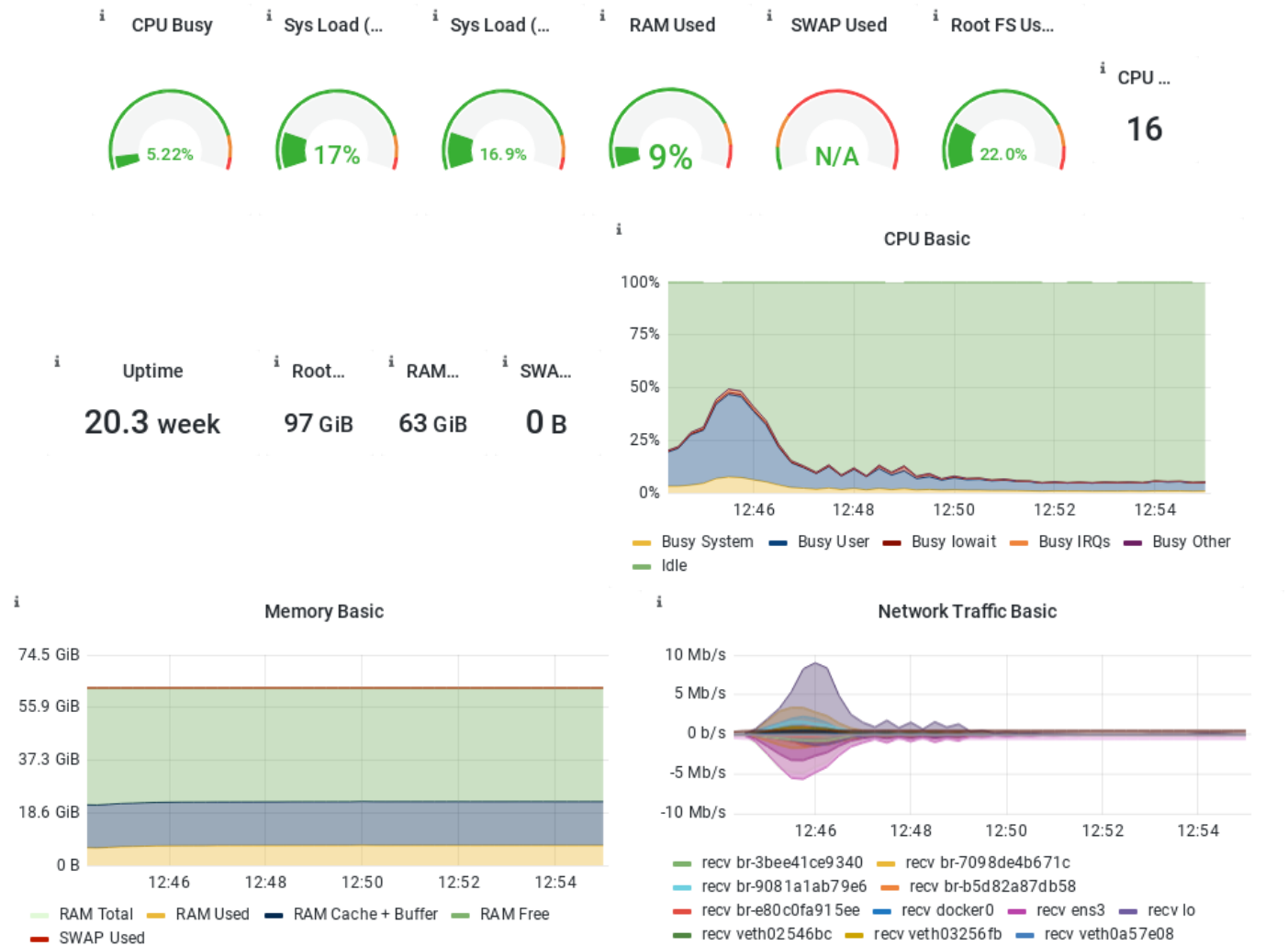
Host Metrics

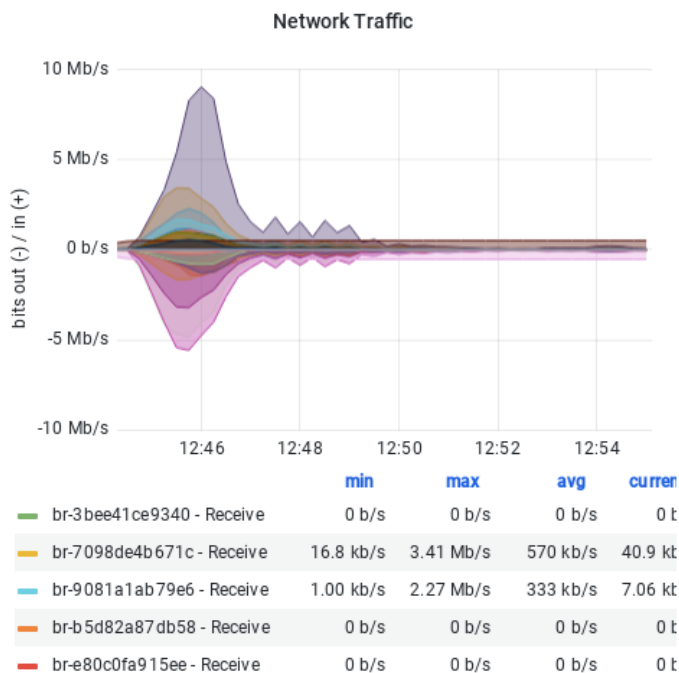
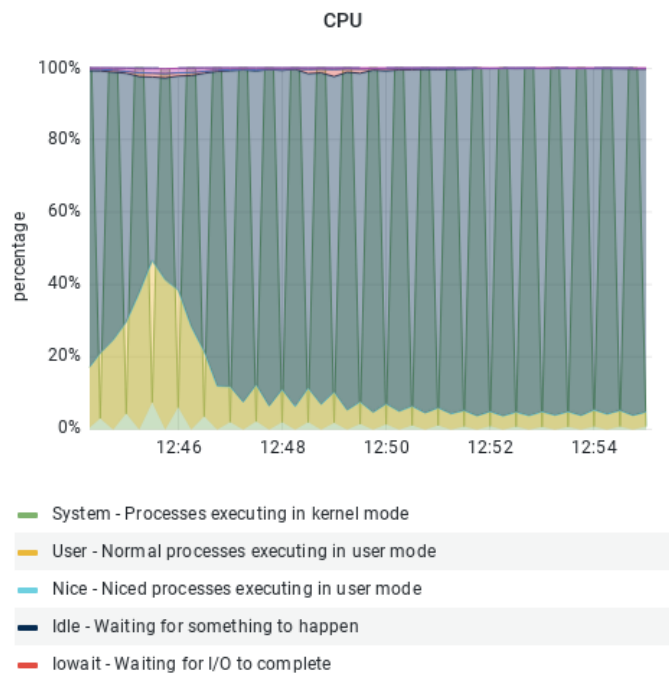
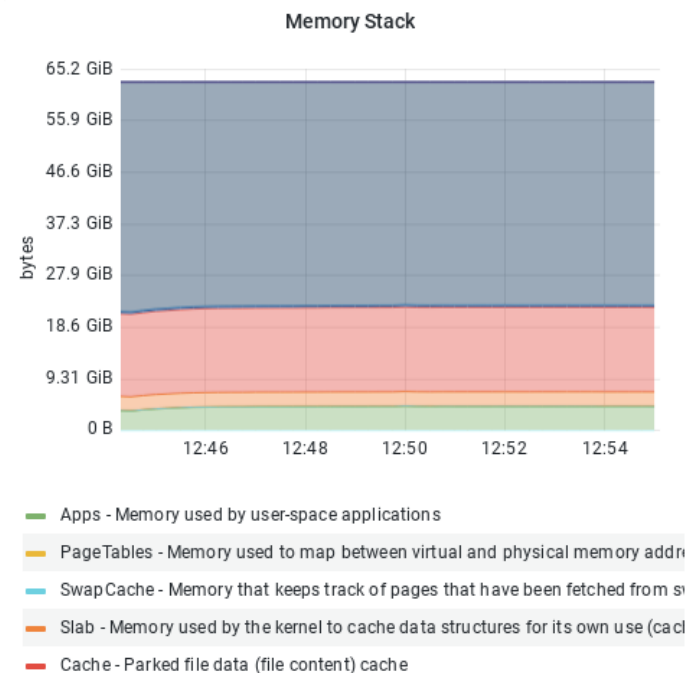
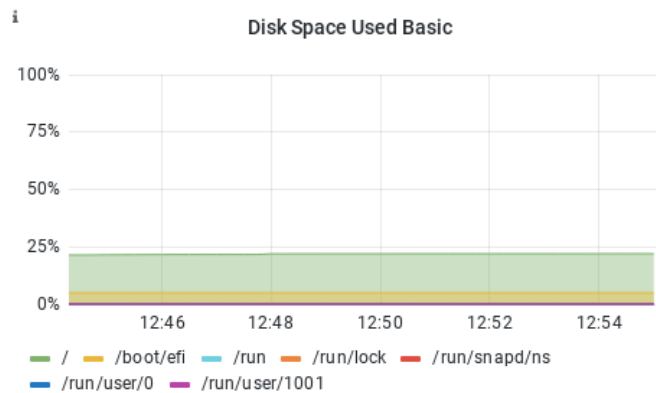
The dashboard visualizes host metrics collected by node_exporter. (based on: <https://grafana.com/grafana/dashboards/1860>)

Thu Mar 3 12:44:17 UTC 2022

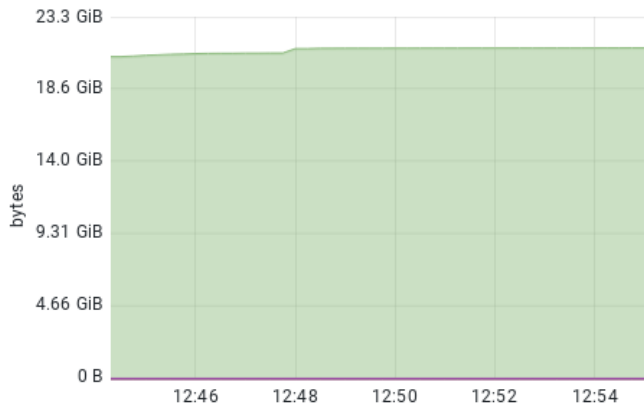
to

Thu Mar 3 12:55:06 UTC 2022





Disk Space Used



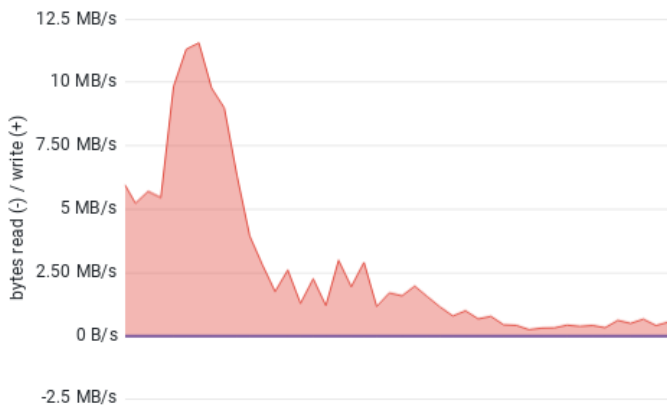
	min	max	avg	current ^
/run/lock	0 B	0 B	0 B	0 B
/run/user/0	0 B	0 B	0 B	0 B
/run/user/1001	0 B	0 B	0 B	0 B
/run	3.703 MiB	3.703 MiB	3.703 MiB	3.703 MiB
/run/snapd/ns	3.703 MiB	3.703 MiB	3.703 MiB	3.703 MiB

Disk IOps



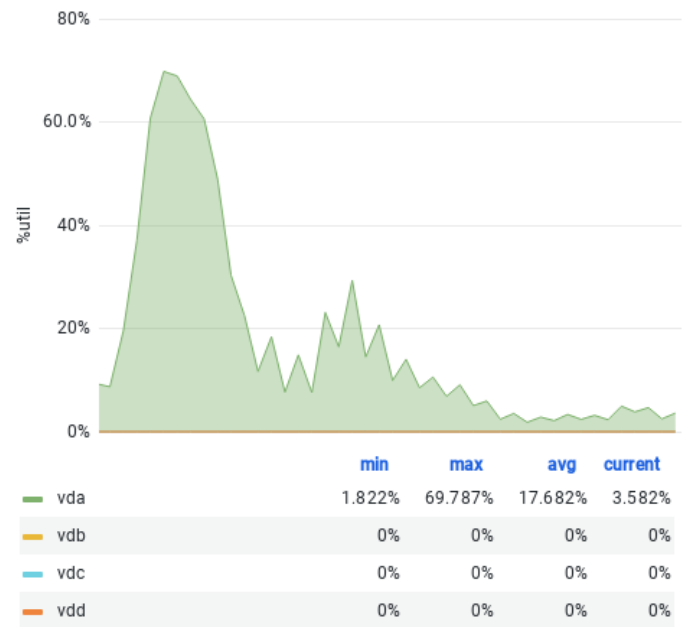
	min	max	avg	current
vda - Reads completed	0 io/s	0.0167 io/s	0.00139 io/s	0 io/s
vda - Writes completed	13.8 io/s	413 io/s	102 io/s	25.9 io/s

I/O Usage Read / Write



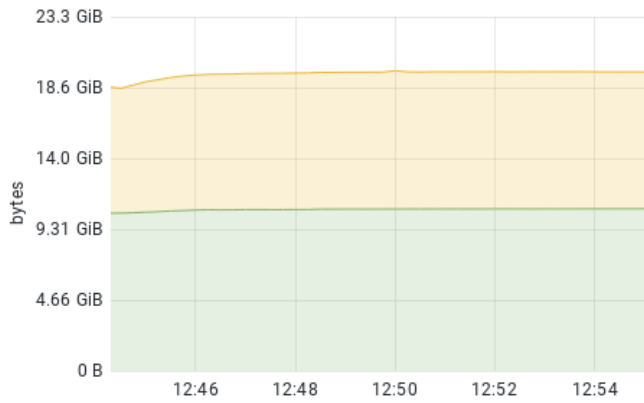
	min	max	avg
vda - Successfully read bytes	0 B/s	91.022 B/s	6.206 B/s
vdb - Successfully read bytes	0 B/s	0 B/s	0 B/s
vdc - Successfully read bytes	0 B/s	0 B/s	0 B/s
vdd - Successfully read bytes	0 B/s	0 B/s	0 B/s
vda - Successfully written bytes	259.504 kB/s	11.551 MB/s	2.787 MB/s

I/O Utilization



	min	max	avg	current
vda	1.822%	69.787%	17.682%	3.582%
vdb	0%	0%	0%	0%
vdc	0%	0%	0%	0%
vdd	0%	0%	0%	0%

Memory Active / Inactive



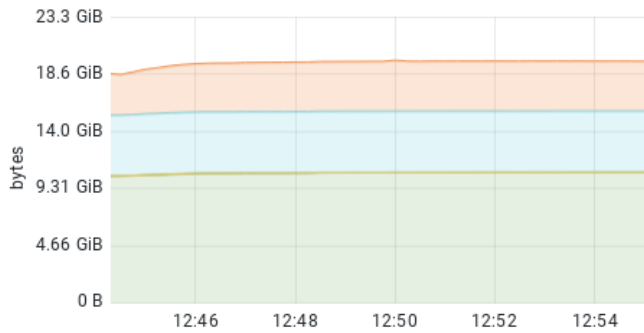
— Inactive - Memory which has been less recently used. It is more eligible to be re
 — Active - Memory that has been used more recently and usually not reclaimed u

Memory Committed



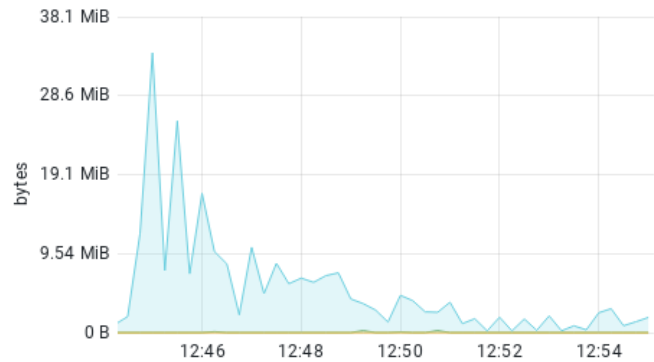
— Committed_AS - Amount of memory presently allocated on the system
 — CommitLimit - Amount of memory currently available to be allocated on the sy

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

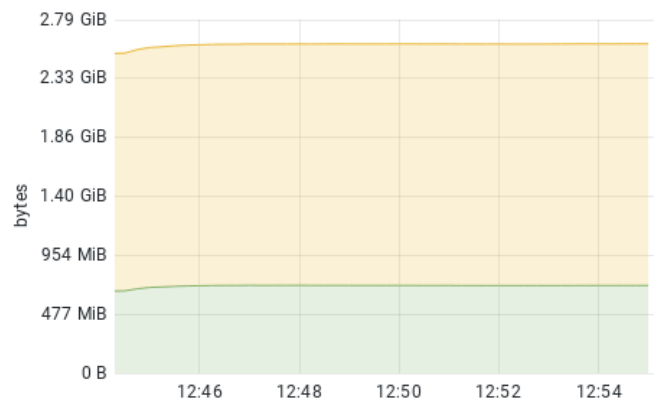
212.

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 all
 — ShmemPmdMapped - Amount of shared (shmem/tmpfs) memory backed by

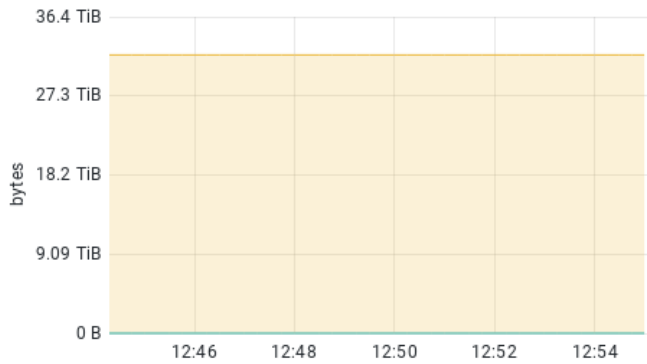
Memory Slab



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

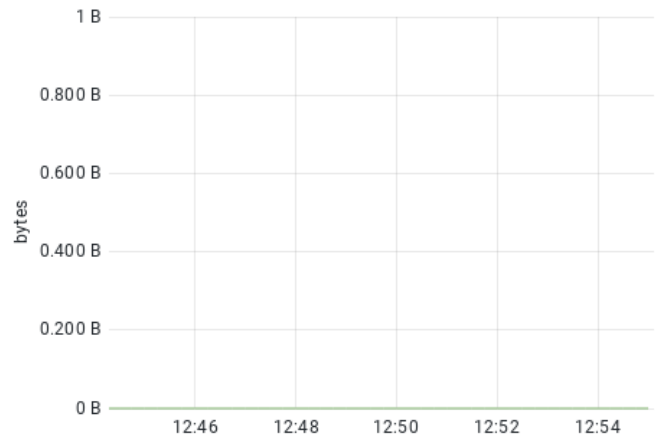
66

Memory Vmalloc



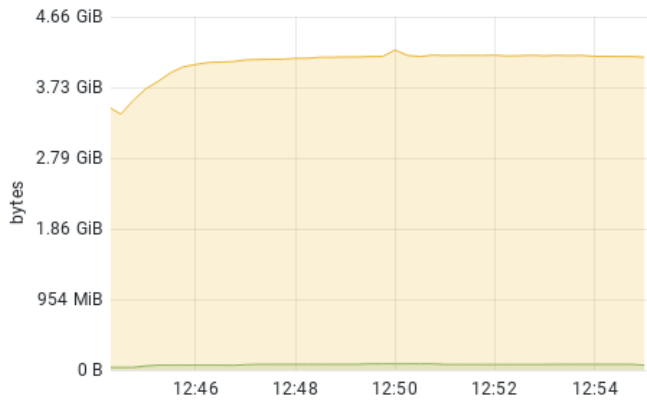
VmallocChunk - Largest contiguous block of vmalloc area which is free	
VmallocTotal - Total size of vmalloc memory area	32.0
VmallocUsed - Amount of vmalloc area which is used	43.8

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	36.00 MiB	84.00 MiB
AnonPages - Memory in user pages not backed by files	3.37 GiB	4.22 GiB

Memory Kernel / CPU



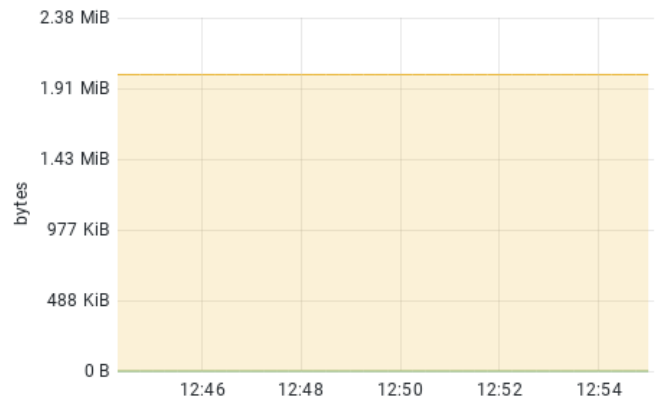
KernelStack - Kernel memory stack. This is not reclaimable	32.7
PerCPU - Per CPU memory allocated dynamically by loadable modules	66.1

Memory HugePages Counter



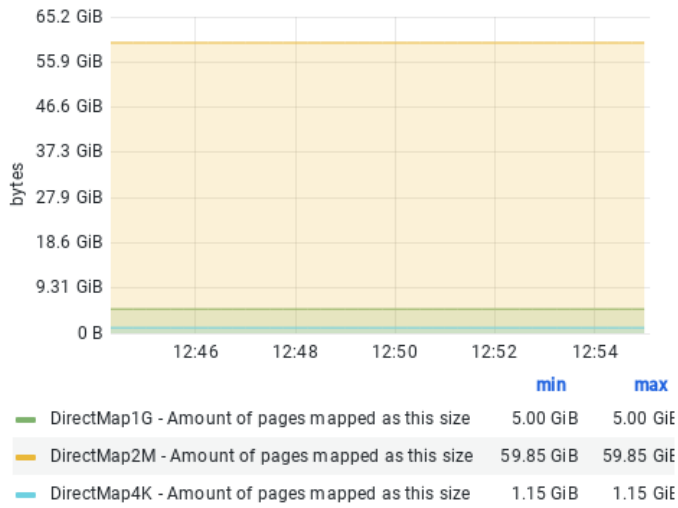
HugePages_Free - Huge pages in the pool that are not yet allocated	
HugePages_Rsvd - Huge pages for which a commitment to allocate from the pool has been made	
HugePages_Surp - Huge pages in the pool above the value in /proc/sys/vm/nr_hugepages	

Memory HugePages Size

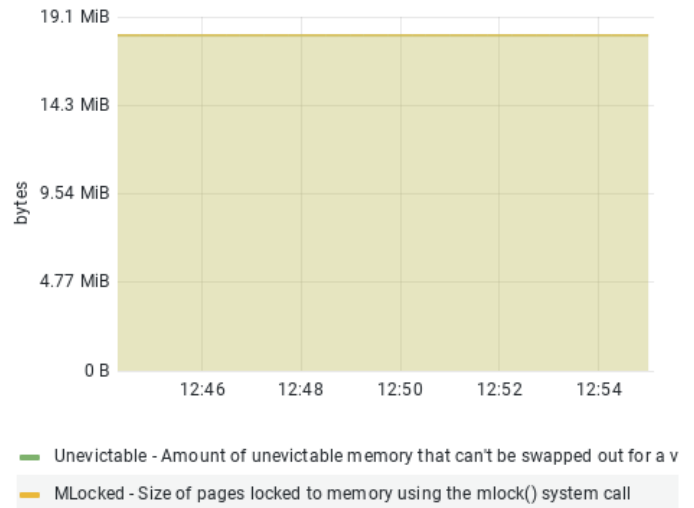


HugePages - Total size of the pool of huge pages	0 B	0 B
Hugepagesize - Huge Page size	2.00 MiB	2.00 MiB

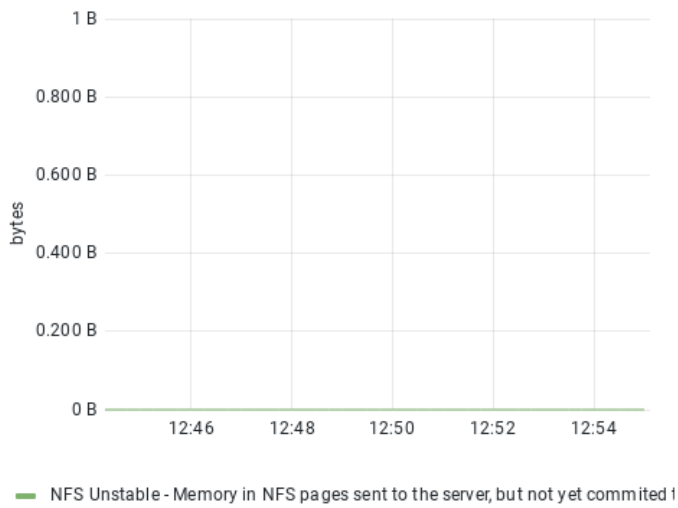
Memory DirectMap



Memory Unevictable and MLocked



Memory NFS



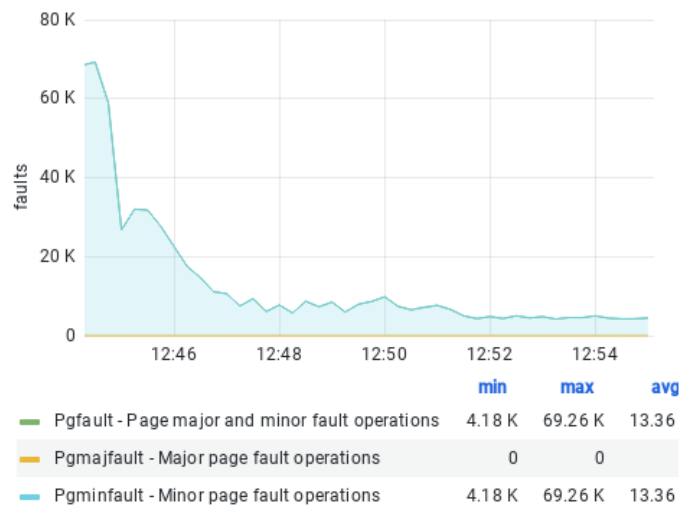
Memory Pages In / Out



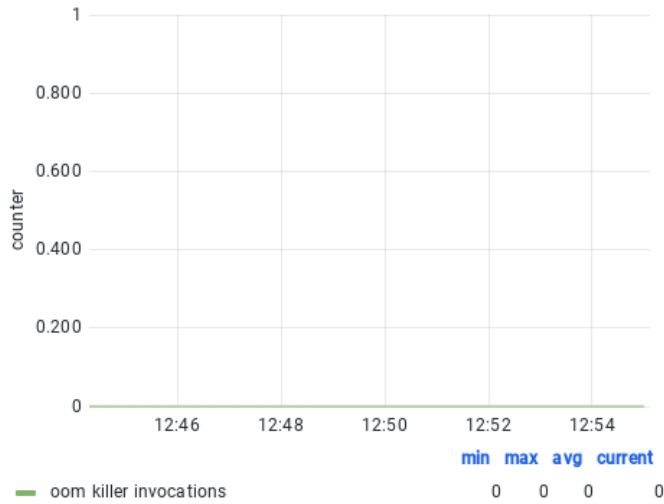
Memory Pages Swap In / Out



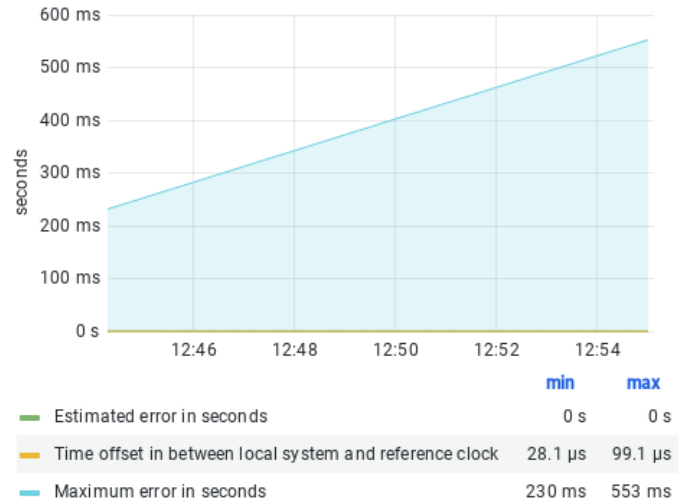
Memory Page Faults



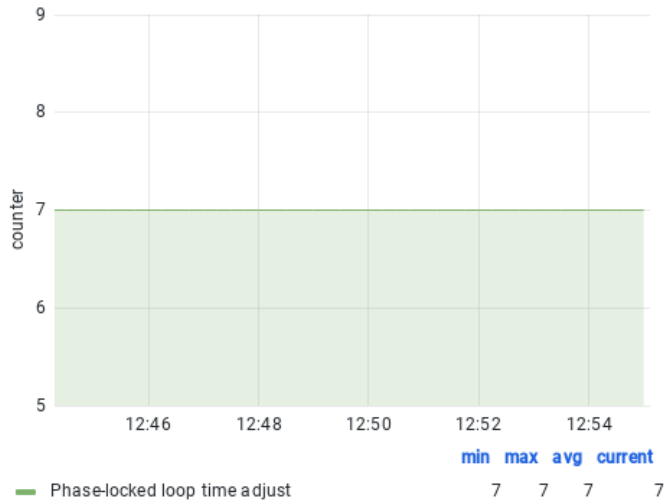
OOM Killer



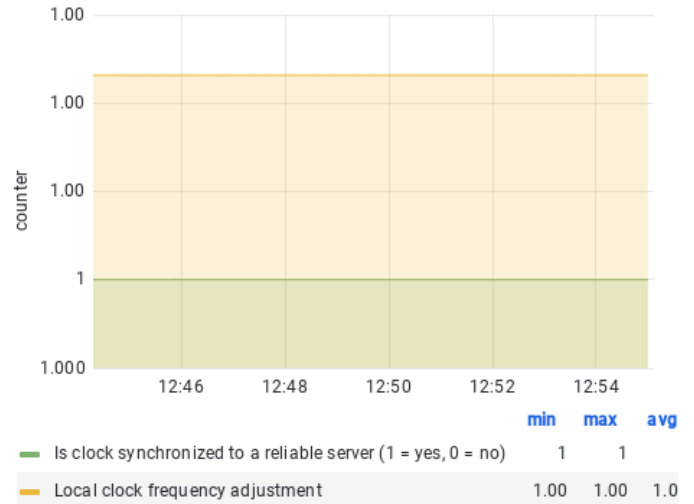
Time Synchronized Drift



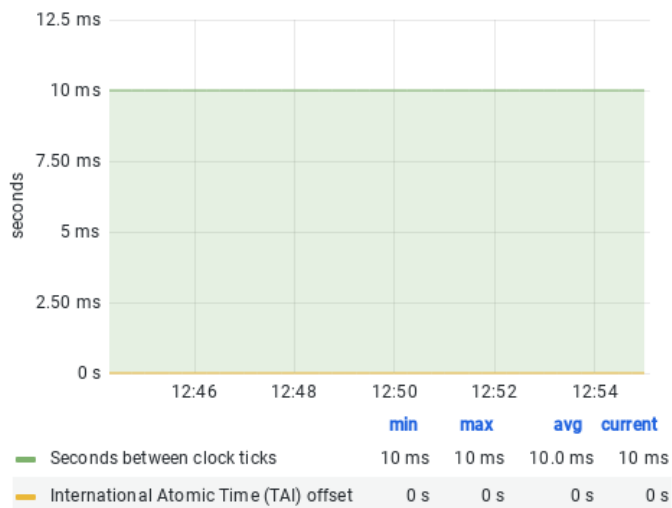
Time PLL Adjust



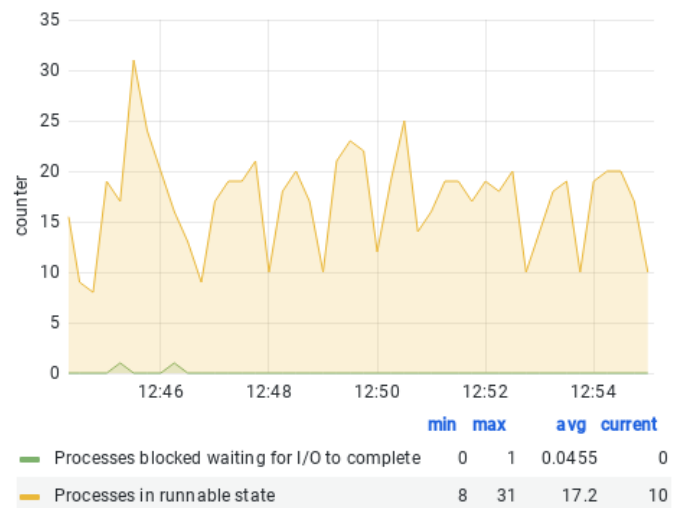
Time Synchronized Status

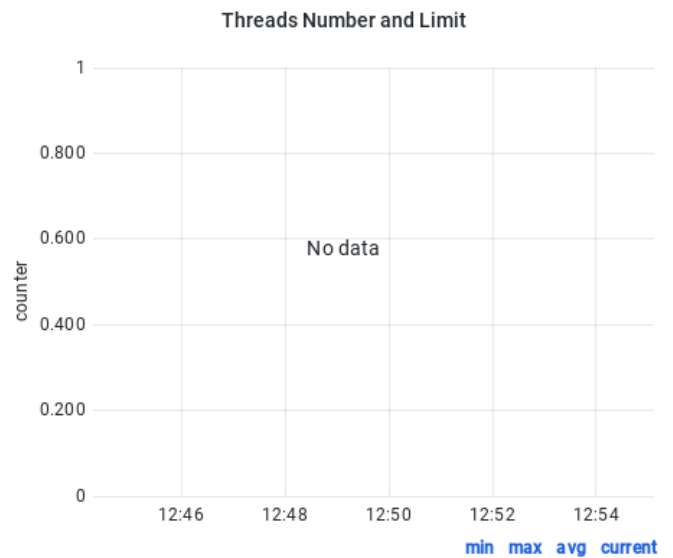
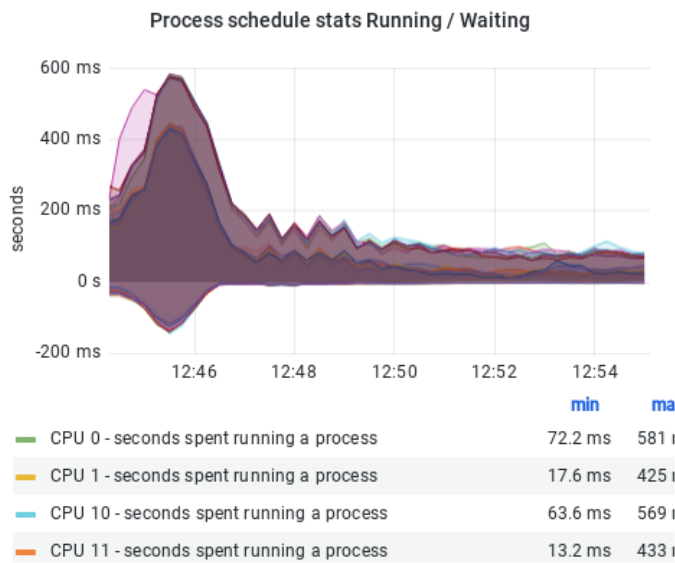
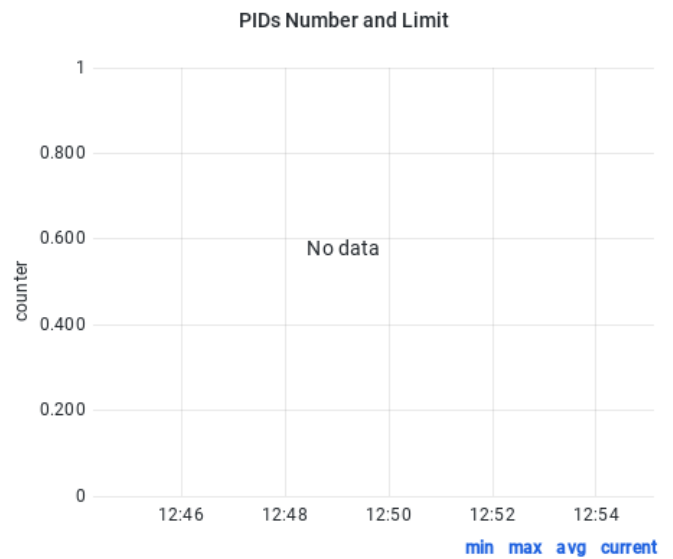
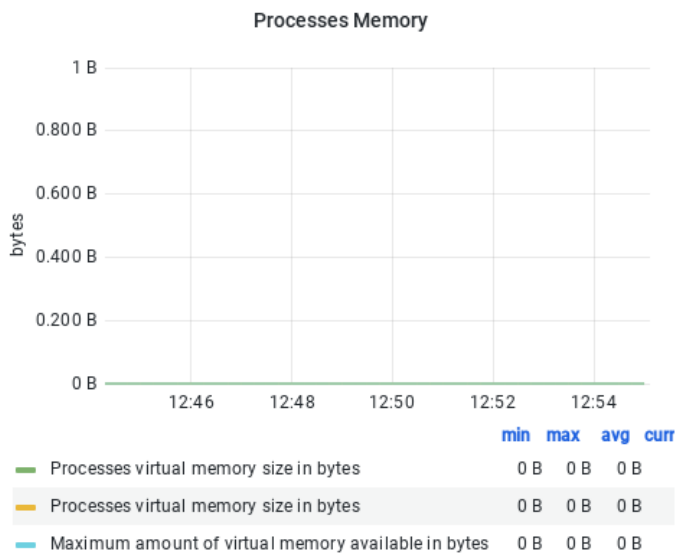
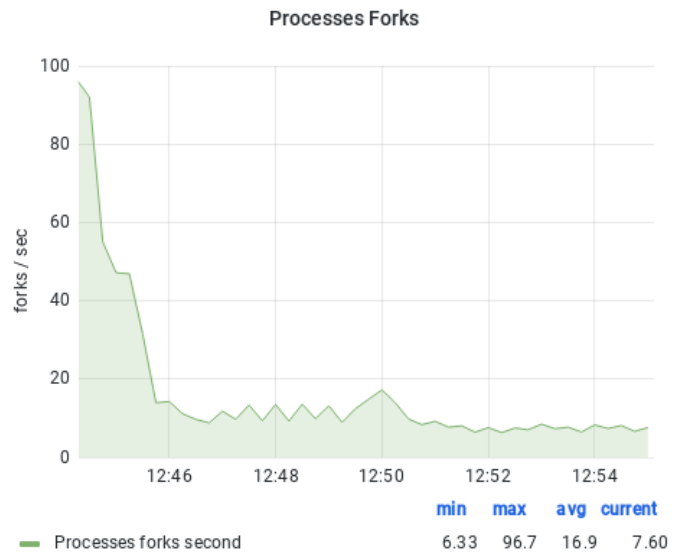
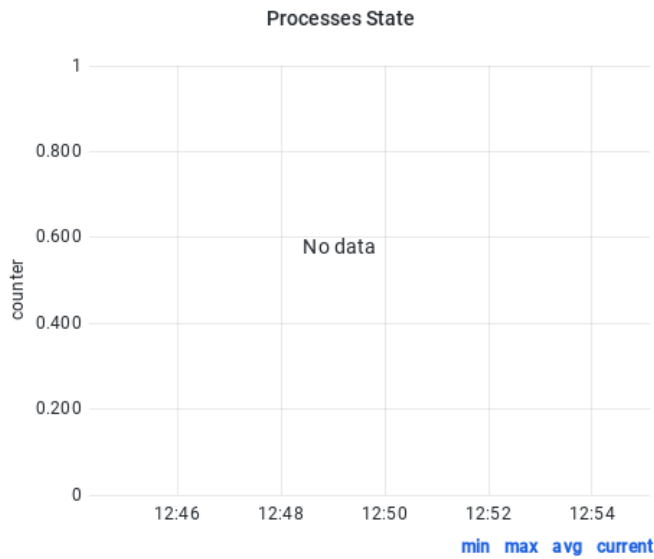


Time Misc

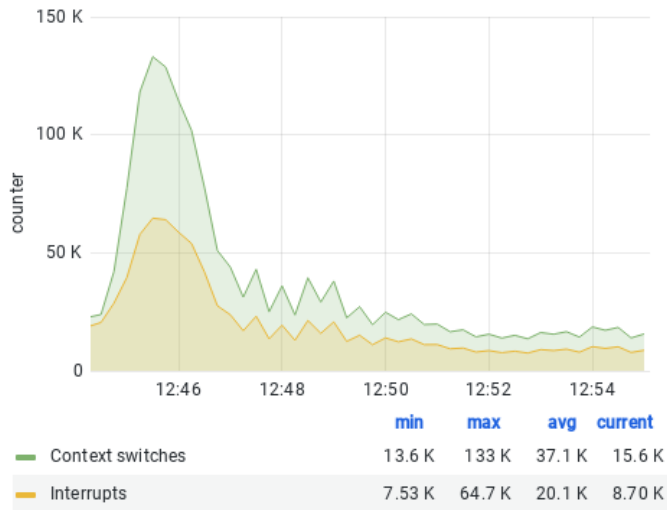


Processes Status

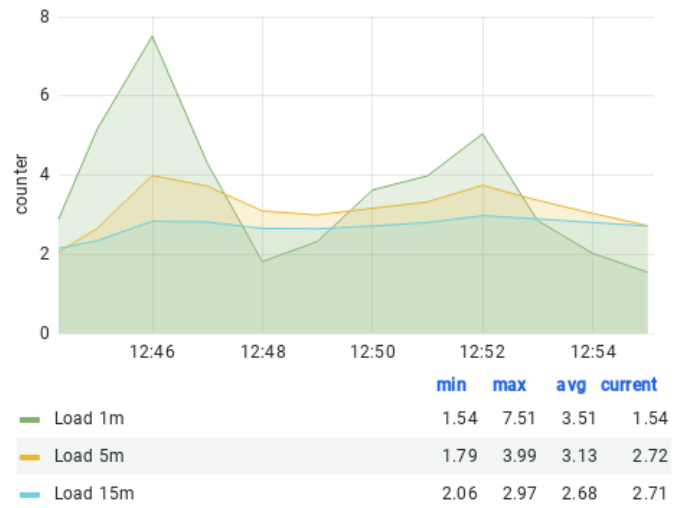




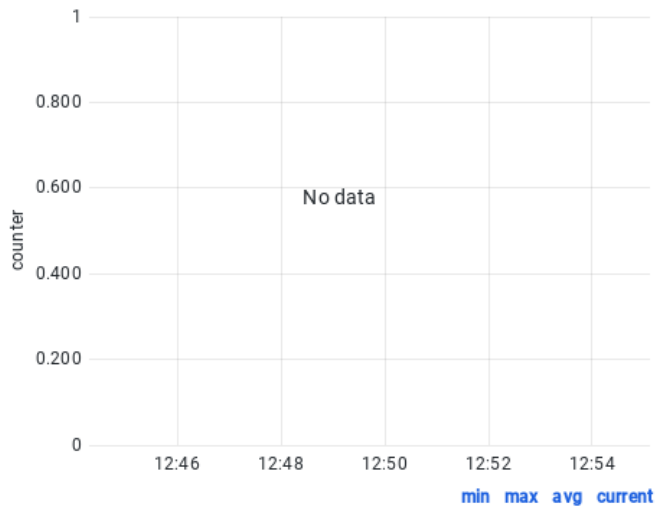
Context Switches / Interrupts



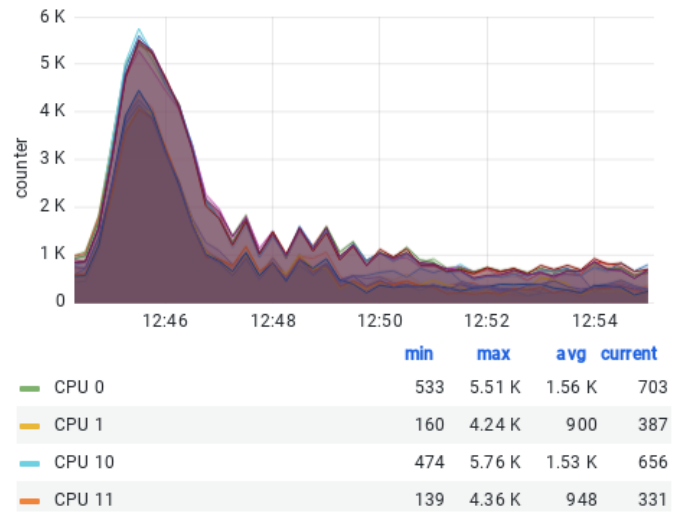
System Load



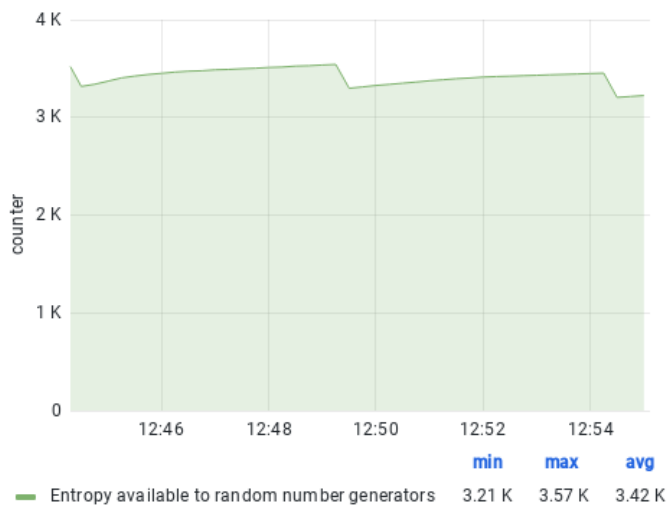
Interrupts Detail



Schedule timeslices executed by each cpu



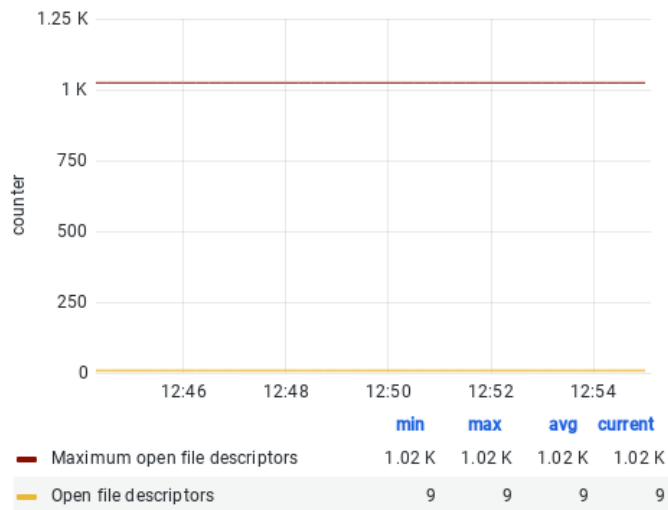
Entropy



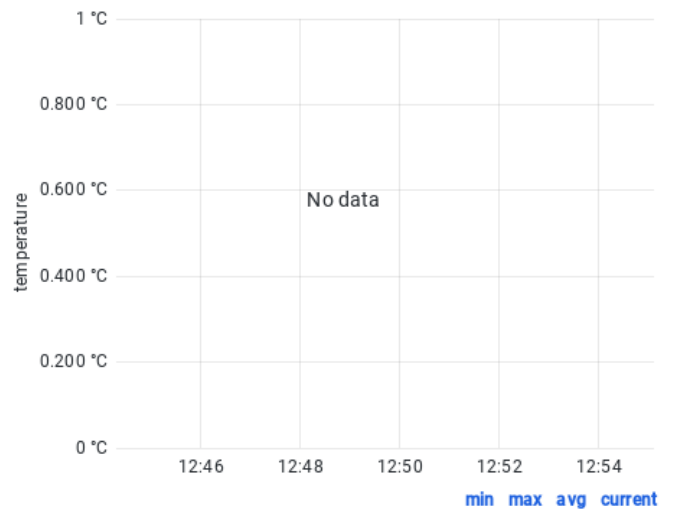
CPU time spent in user and system contexts



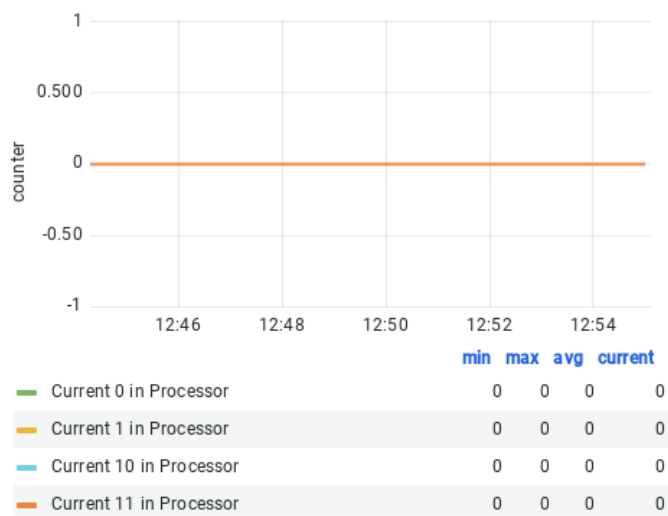
File Descriptors



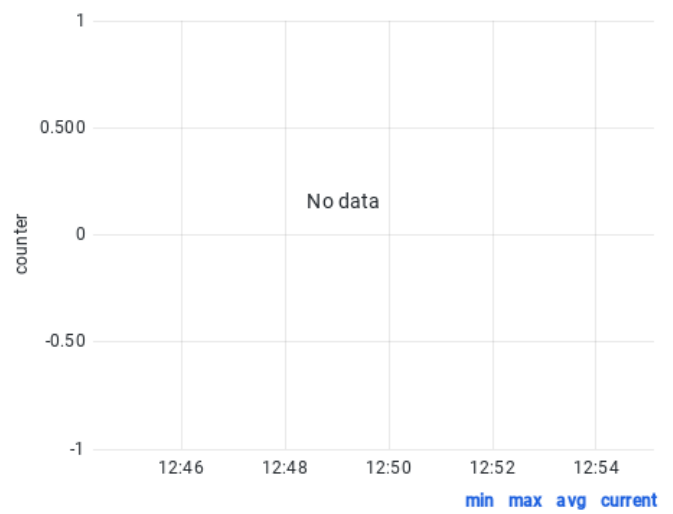
Hardware temperature monitor



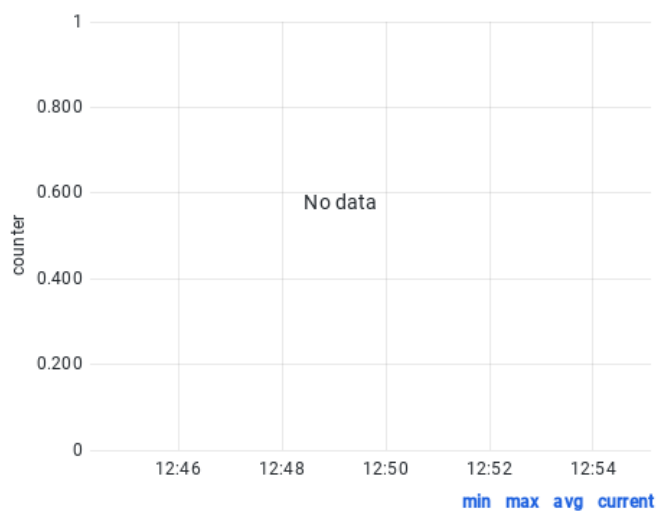
Throttle cooling device



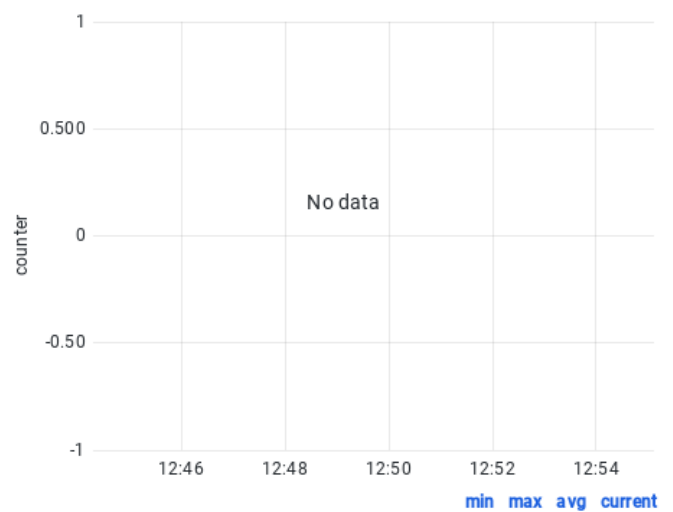
Power supply

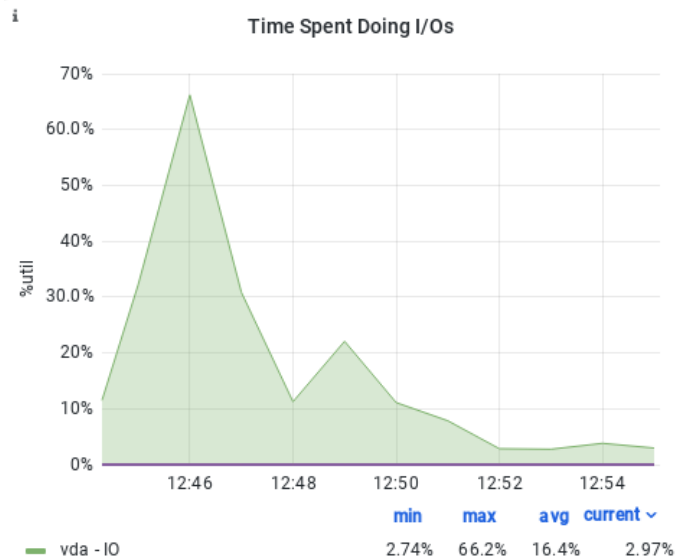
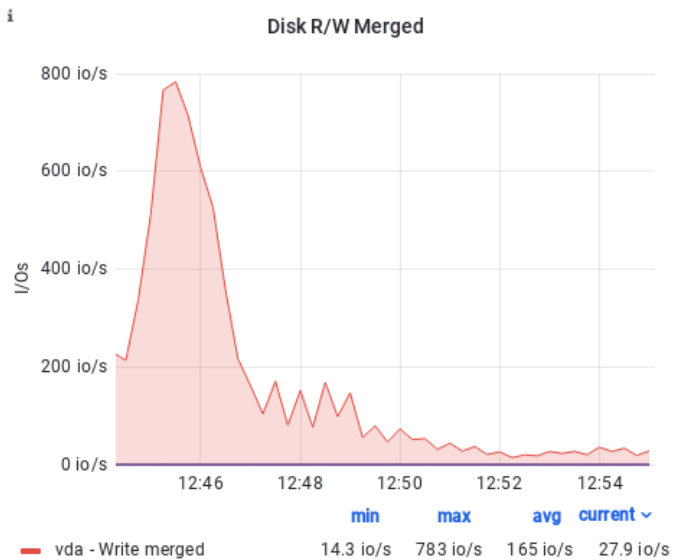
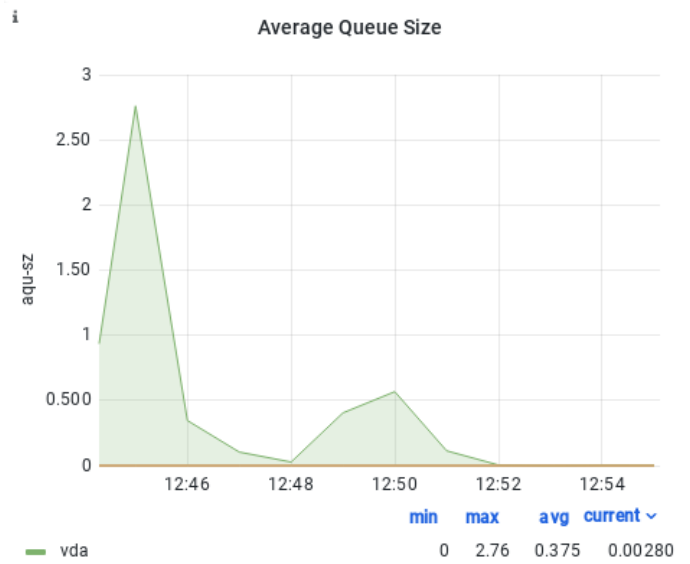
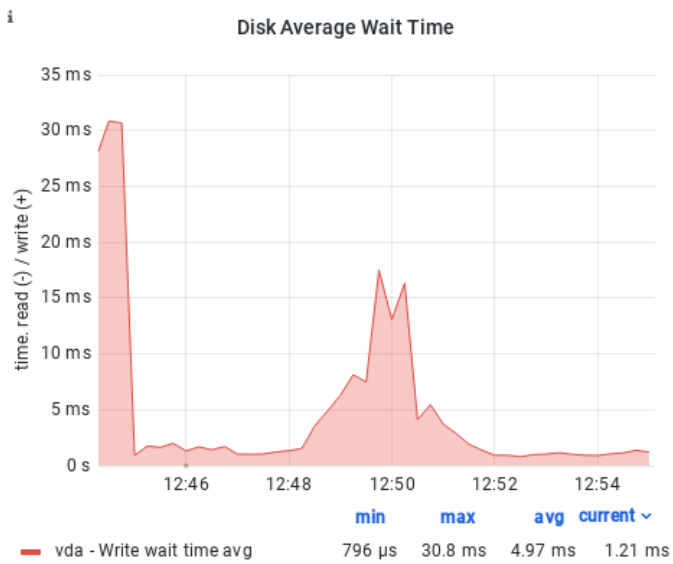
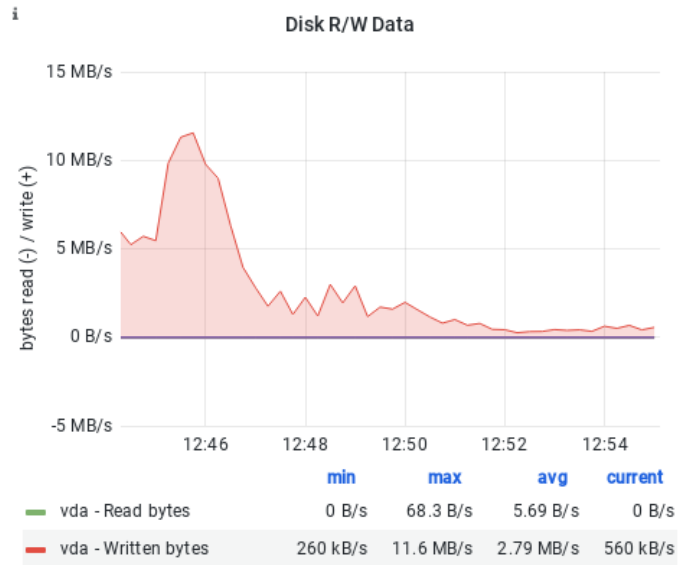


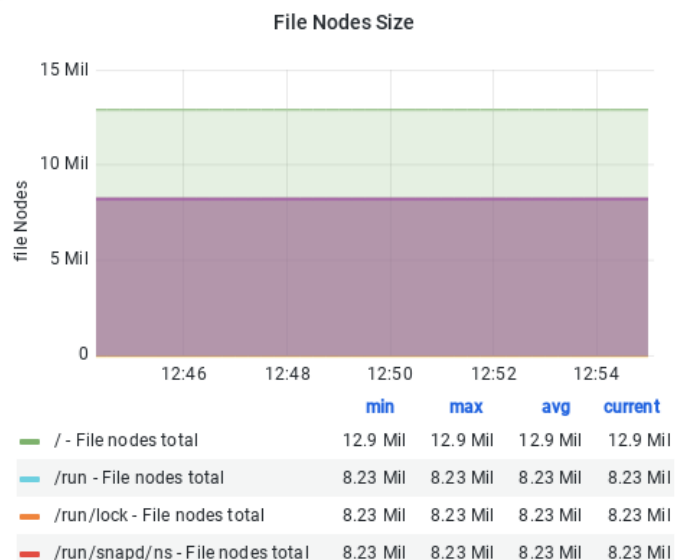
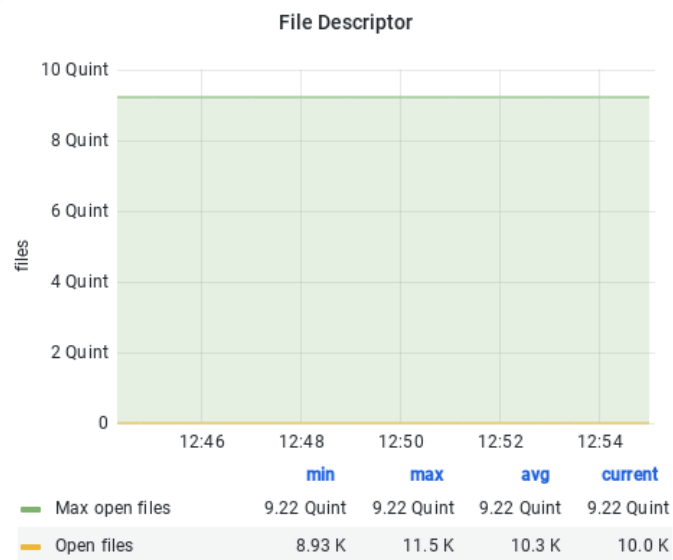
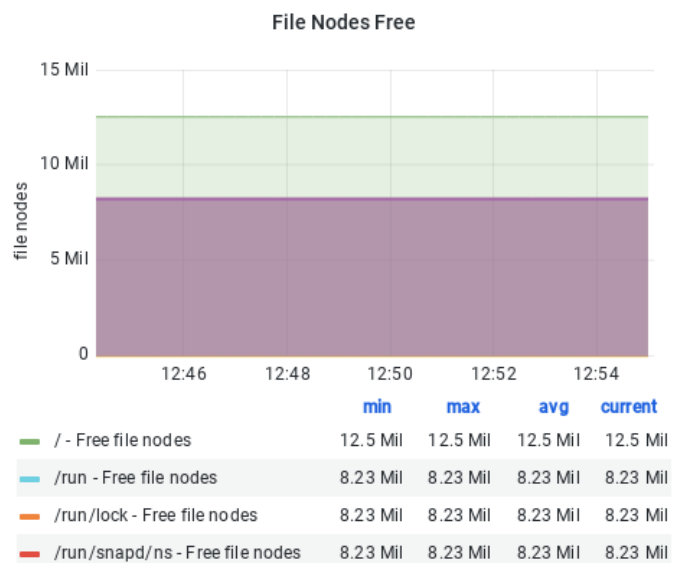
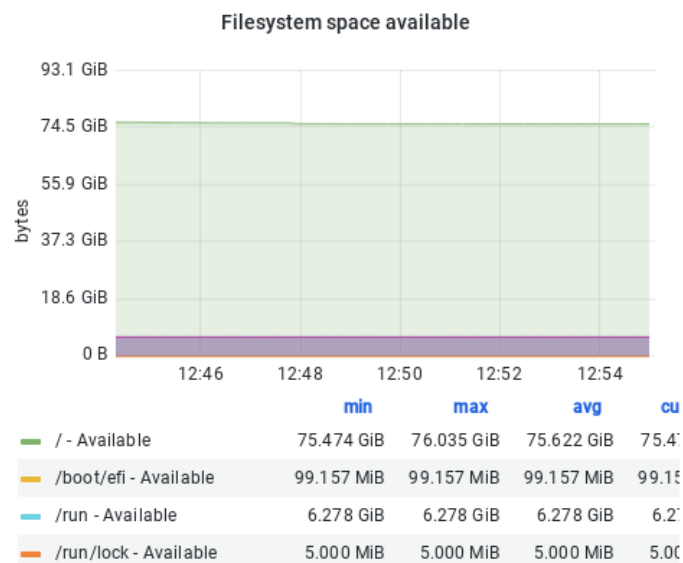
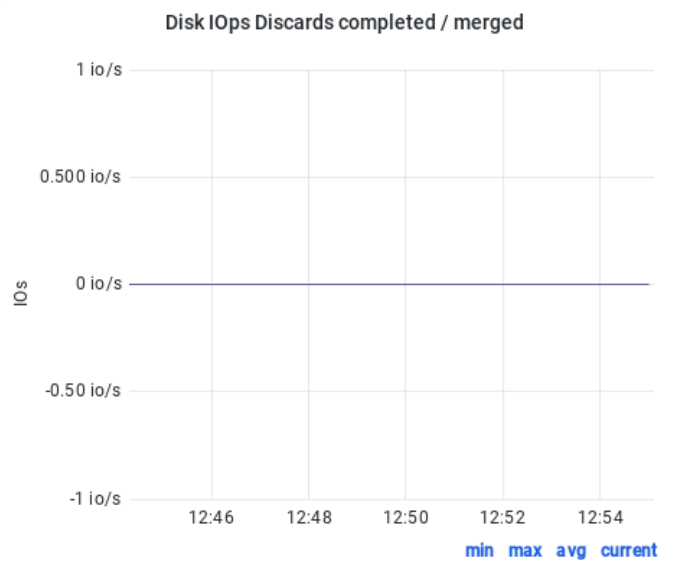
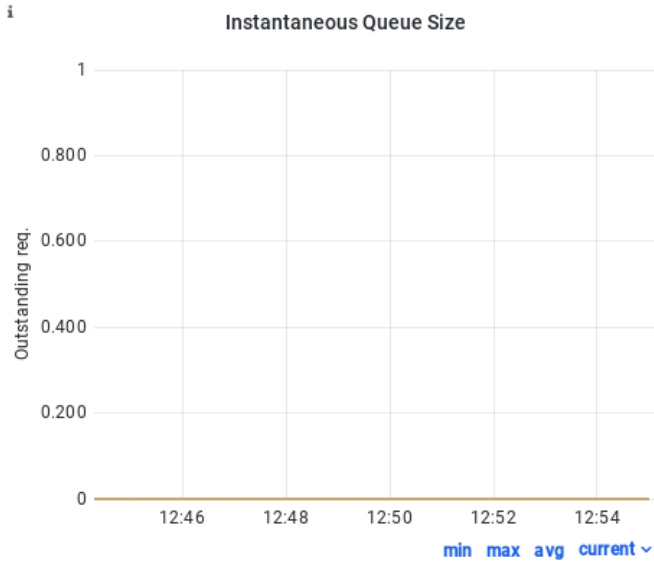
Systemd Sockets

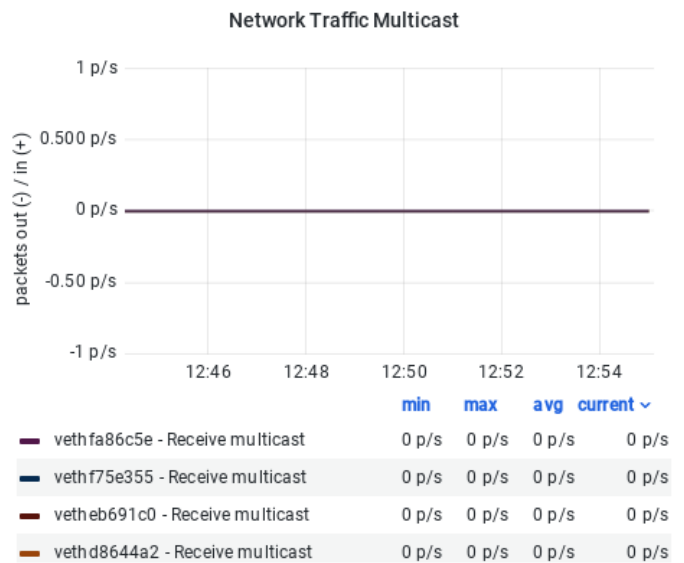
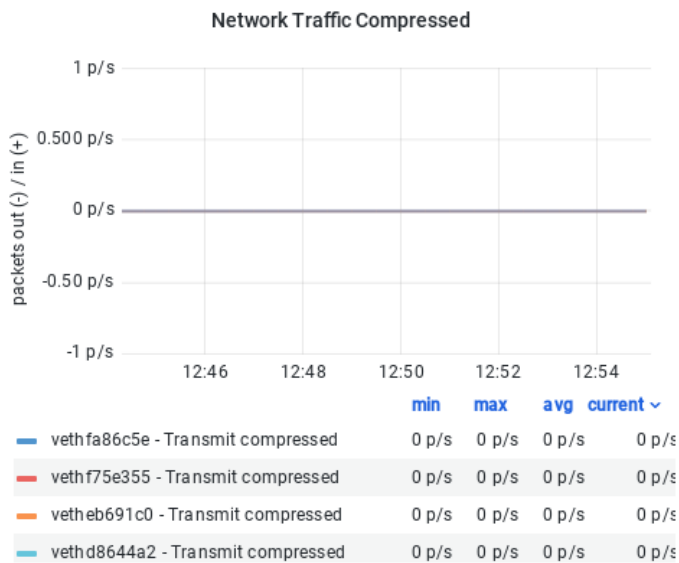
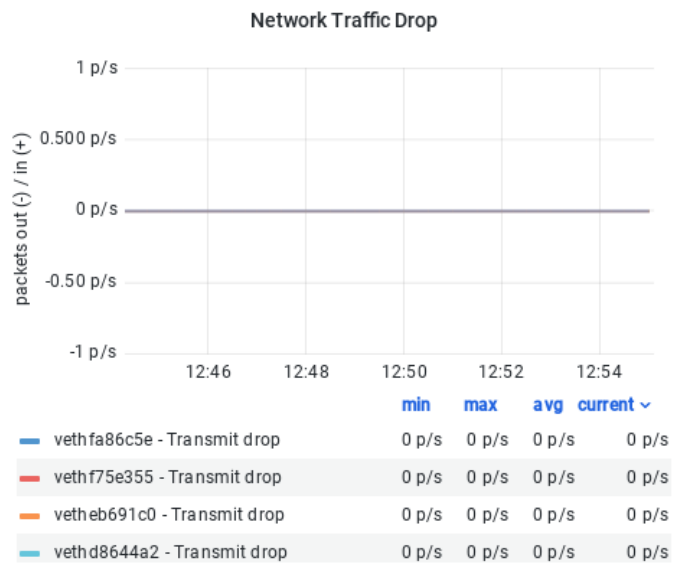
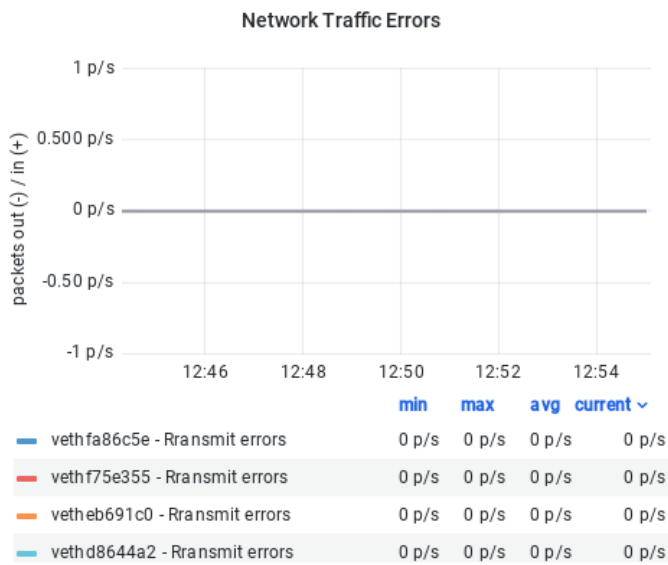
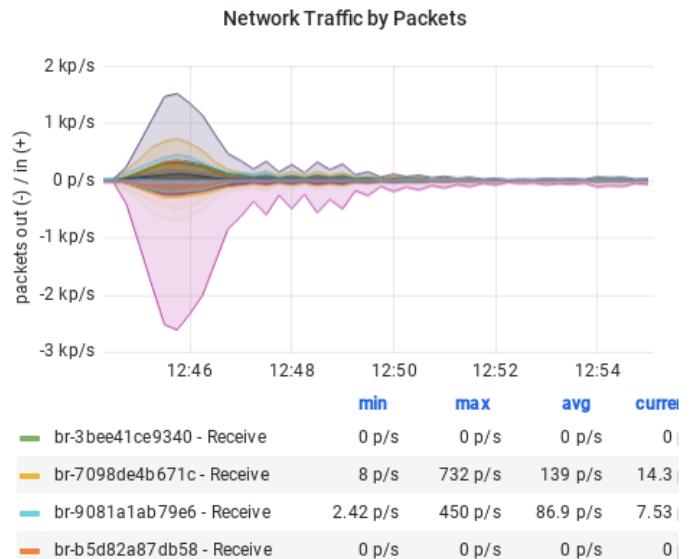
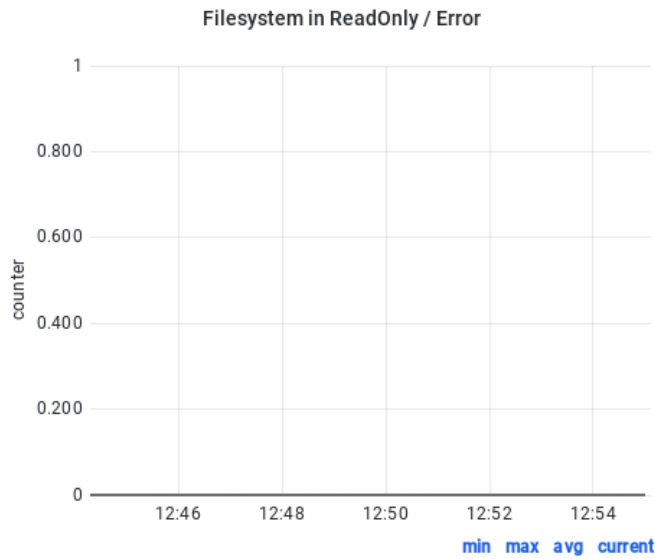


Systemd Units State

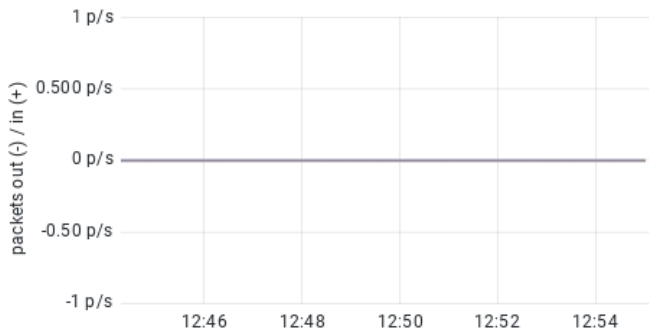






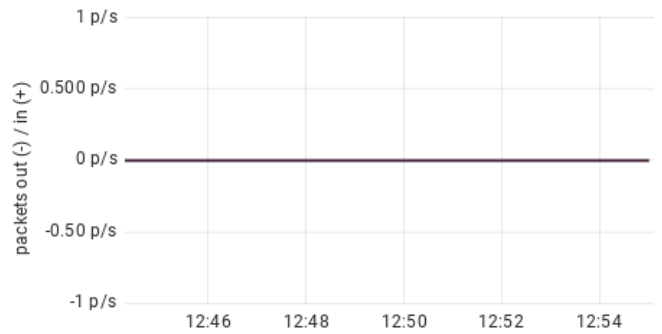


Network Traffic Fifo



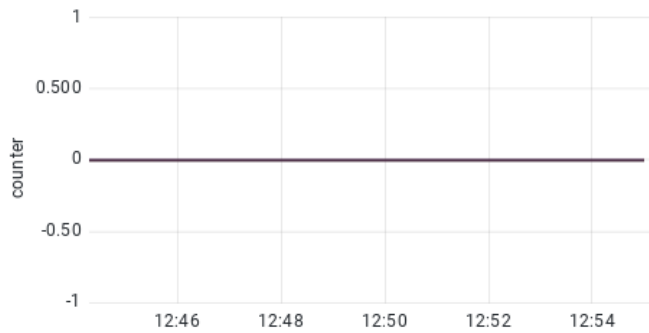
	min	max	avg	current
vethfa86c5e - Transmit fifo	0 p/s	0 p/s	0 p/s	0 p/s
vethf75e355 - Transmit fifo	0 p/s	0 p/s	0 p/s	0 p/s
vetheb691c0 - Transmit fifo	0 p/s	0 p/s	0 p/s	0 p/s
vethd8644a2 - Transmit fifo	0 p/s	0 p/s	0 p/s	0 p/s

Network Traffic Frame



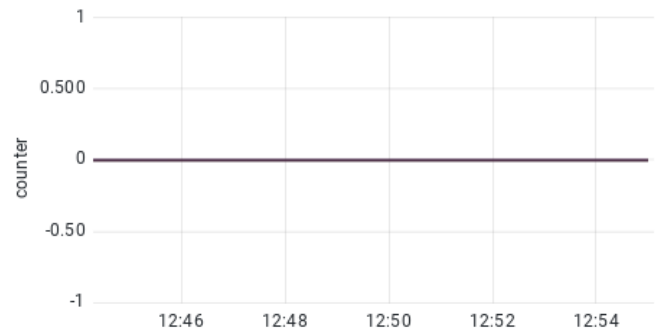
	min	max	avg	current
vethfa86c5e - Receive frame	0 p/s	0 p/s	0 p/s	0 p/s
vethf75e355 - Receive frame	0 p/s	0 p/s	0 p/s	0 p/s
vetheb691c0 - Receive frame	0 p/s	0 p/s	0 p/s	0 p/s
vethd8644a2 - Receive frame	0 p/s	0 p/s	0 p/s	0 p/s

Network Traffic Carrier



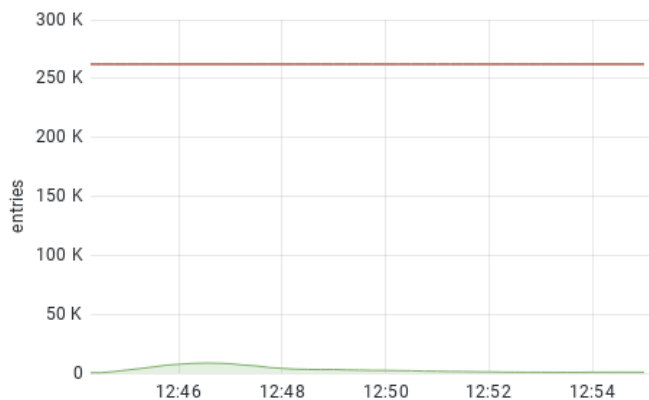
	min	max	avg	current
vethfa86c5e - Statistic transmit_carrier	0	0	0	0
vethf75e355 - Statistic transmit_carrier	0	0	0	0
vetheb691c0 - Statistic transmit_carrier	0	0	0	0
vethd8644a2 - Statistic transmit_carrier	0	0	0	0

Network Traffic Colls



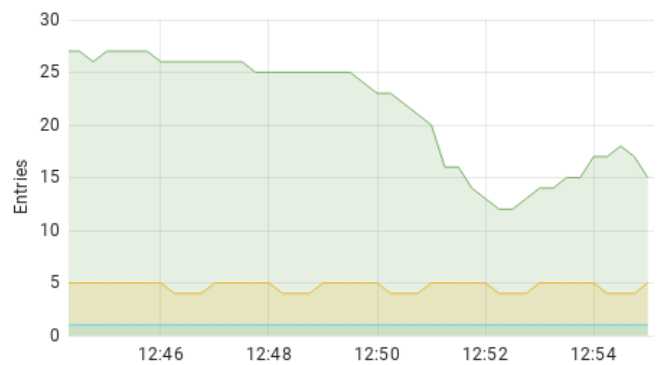
	min	max	avg	current
vethfa86c5e - Transmit colls	0	0	0	0
vethf75e355 - Transmit colls	0	0	0	0
vetheb691c0 - Transmit colls	0	0	0	0
vethd8644a2 - Transmit colls	0	0	0	0

NF Contrack



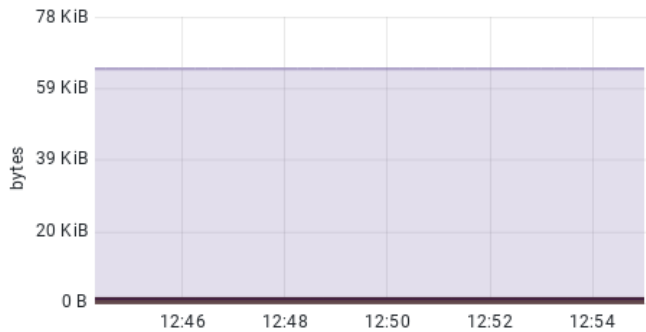
	min	max	avg	current
NF conntrack entries	325	8.53 K	2.86 K	776
NF conntrack limit	262 K	262 K	262 K	262 K

ARP Entries



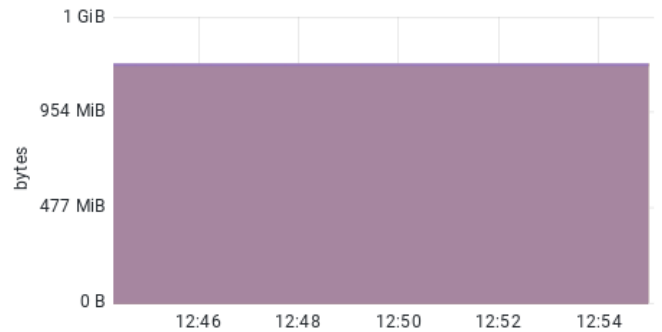
	min	max	avg	current
br-7098de4b671c - ARP entries	12	27	21.4	15
br-9081a1ab79e6 - ARP entries	4	5	4.66	5
ens3 - ARP entries	1	1	1	1

MTU



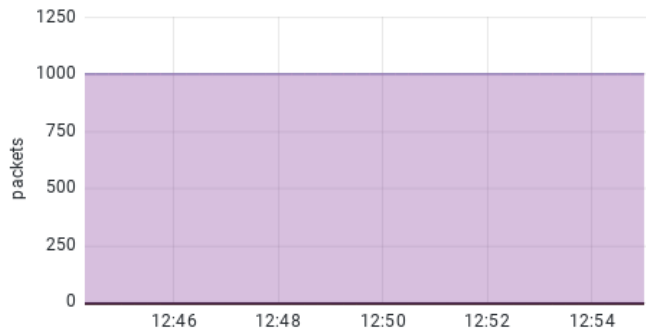
	min	max	avg	current
br-3bee41ce9340 - Bytes	1.5 KiB	1.5 KiB	1.5 KiB	1.5 KiB
br-7098de4b671c - Bytes	1.5 KiB	1.5 KiB	1.5 KiB	1.5 KiB
br-9081a1ab79e6 - Bytes	1.5 KiB	1.5 KiB	1.5 KiB	1.5 KiB
br-b5d82a87db58 - Bytes	1.5 KiB	1.5 KiB	1.5 KiB	1.5 KiB

Speed



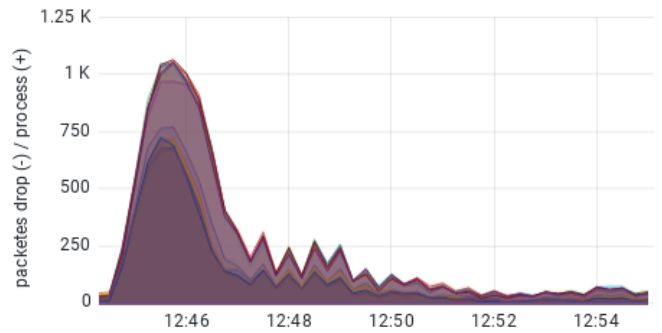
	min	max	avg	current
ens3 - Speed	-122.1 KiB	-122.1 KiB	-122.1 KiB	-122.1 KiB
veth02546bc - Speed	1.2 GiB	1.2 GiB	1.2 GiB	1.2 GiB
veth03256fb - Speed	1.2 GiB	1.2 GiB	1.2 GiB	1.2 GiB
veth0a57e08 - Speed	1.2 GiB	1.2 GiB	1.2 GiB	1.2 GiB

Queue Length



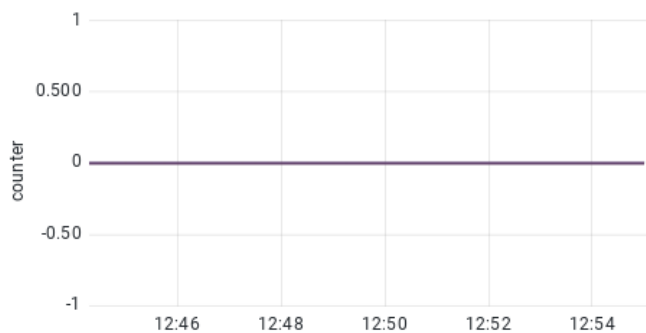
	min	max	avg	current
br-3bee41ce9340 - Interface transmit queue length	0	0	0	0
br-7098de4b671c - Interface transmit queue length	0	0	0	0
br-9081a1ab79e6 - Interface transmit queue length	0	0	0	0
br-b5d82a87db58 - Interface transmit queue length	0	0	0	0

Softnet Packets



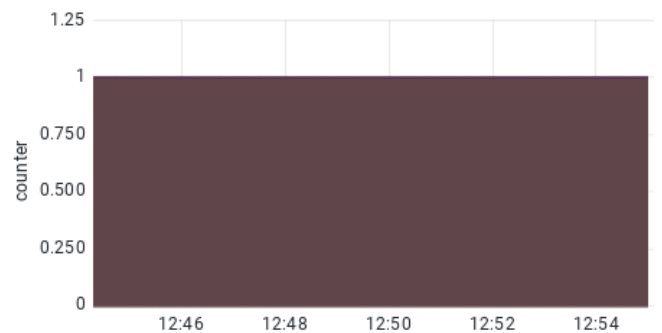
	min	max	avg	current
CPU 2 - Processed	21.2	1.05 K	226	52.3
CPU 6 - Processed	21.8	1.06 K	228	46.2
CPU 8 - Processed	21.4	1.05 K	225	45.1
CPU 14 - Processed	20.1	968	222	43.3

Softnet Out of Quota



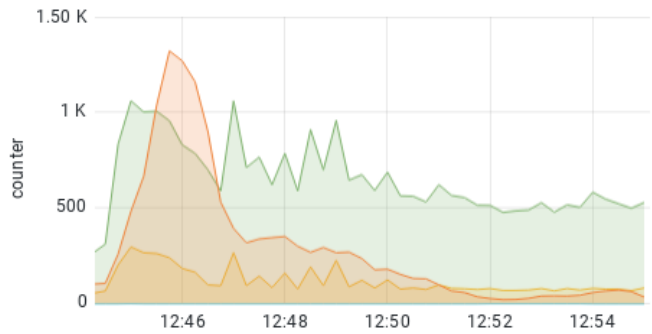
	min	max	avg	current
CPU 9 - Squeezed	0	0	0	0
CPU 8 - Squeezed	0	0	0	0
CPU 7 - Squeezed	0	0	0	0
CPU 6 - Squeezed	0	0	0	0

Network Operational Status



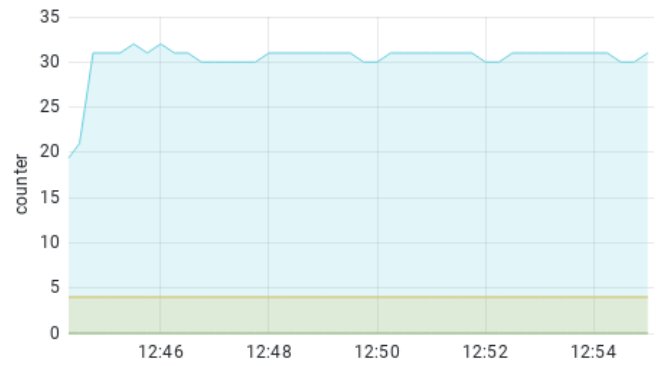
	min	max	avg	current
vethfa86c5e - Physical link state	1	1	1	1
vethf75e355 - Physical link state	1	1	1	1
vetheb691c0 - Physical link state	1	1	1	1
vethd8644a2 - Physical link state	1	1	1	1

Sockstat TCP



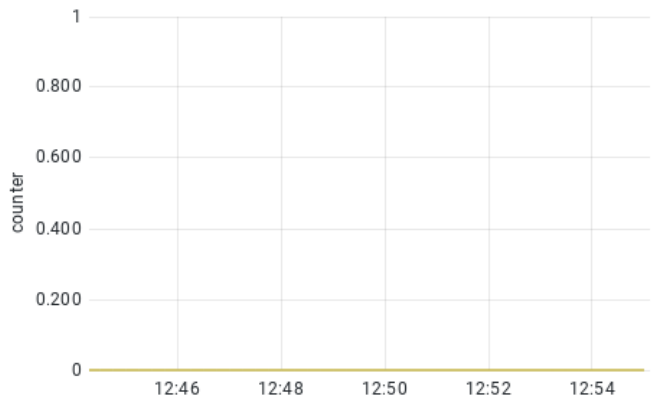
	min	max	avg	current
TCP_alloc - Allocated sockets	264	1.06 K	652	530
TCP_inuse - Tcp sockets currently in use	56	298	120	84
TCP_orphan - Orphan sockets	0	1	0.205	0
TCP_tw - Sockets waiting close	23	1.32 K	293	37

Sockstat UDP



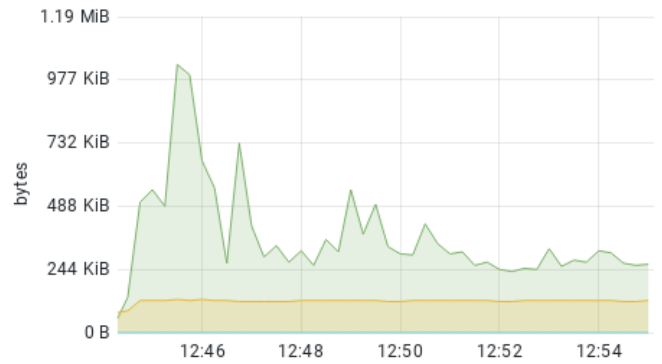
	min	max	avg	current
UDPLITE_inuse - Udp sockets currently in use	0	0	0	0
UDP_inuse - Udp sockets currently in use	4	4	4	4
UDP_mem - Used memory for udp	19	32	30.3	31

Sockstat FRAG / RAW



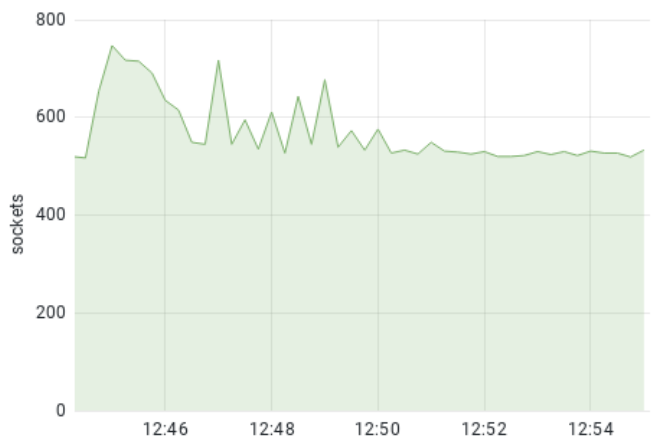
	min	max	avg	current
FRAG_inuse - Frag sockets currently in use	0	0	0	0
RAW_inuse - Raw sockets currently in use	0	0	0	0

Sockstat Memory Size



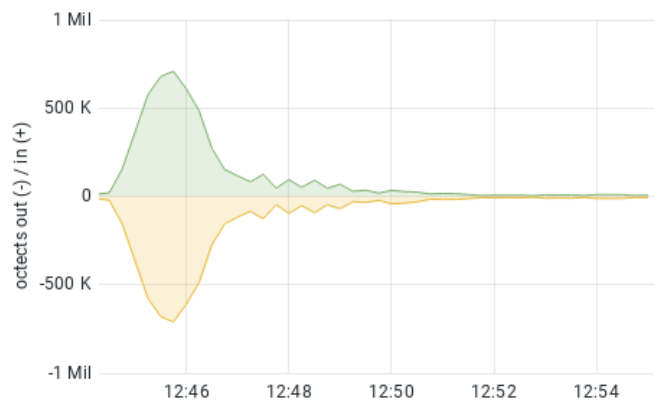
	min	max	avg	current
mem_bytes - TCP sockets in that state	36 KiB	1.01 MiB	371 KiB	264
mem_bytes - UDP sockets in that state	76 KiB	128 KiB	121 KiB	124
FRAG_memory - Used memory for frag	0 B	0 B	0 B	0

Sockstat Used



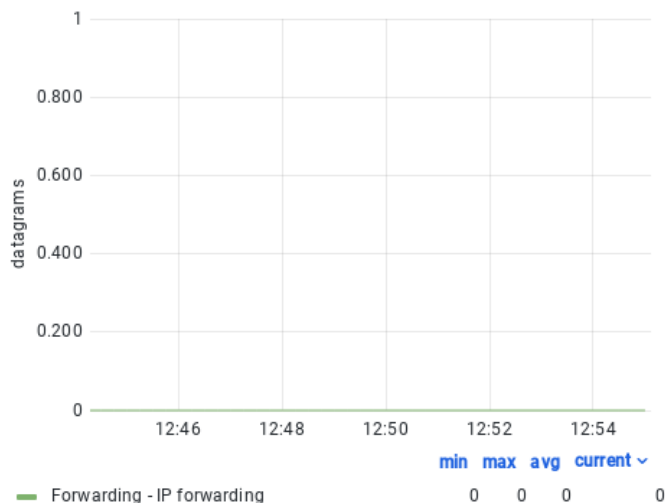
	min	max	avg	current
Sockets_used - Sockets currently in use	517	747	570	533

Netstat IP In / Out Octets



	min	max	avg	current
OutOctets - Sent octets	5.18 K	710 K	117 K	8.04 K
InOctets - Received octets	3.73 K	708 K	115 K	6.60 K

Netstat IP Forwarding



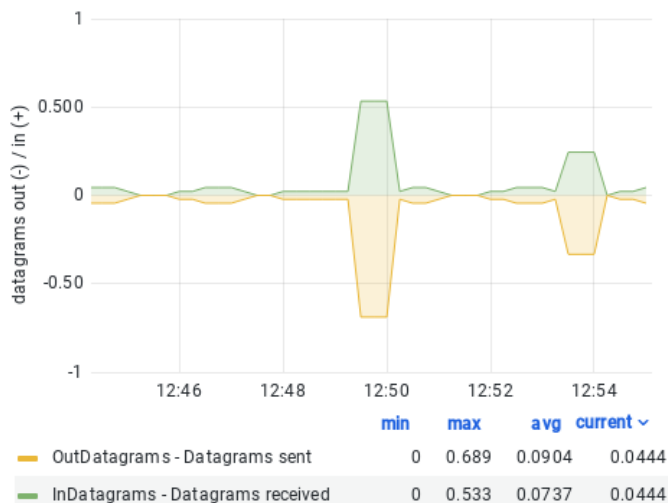
ICMP In / Out



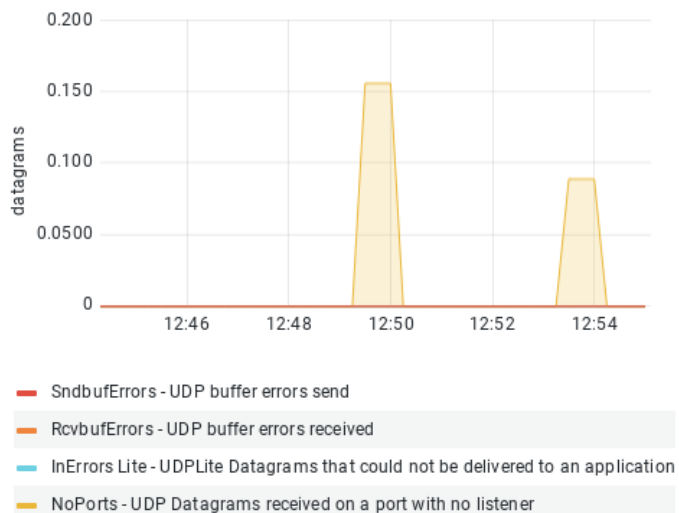
ICMP Errors



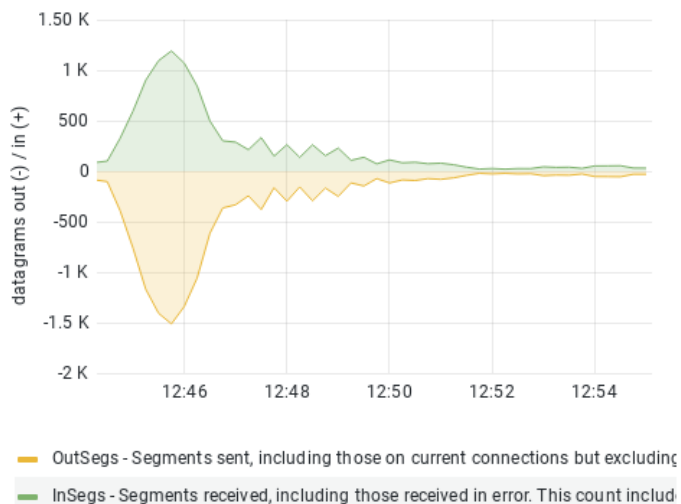
UDP In / Out



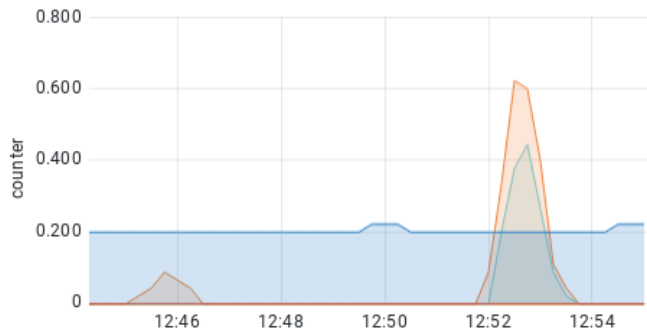
UDP Errors



TCP In / Out

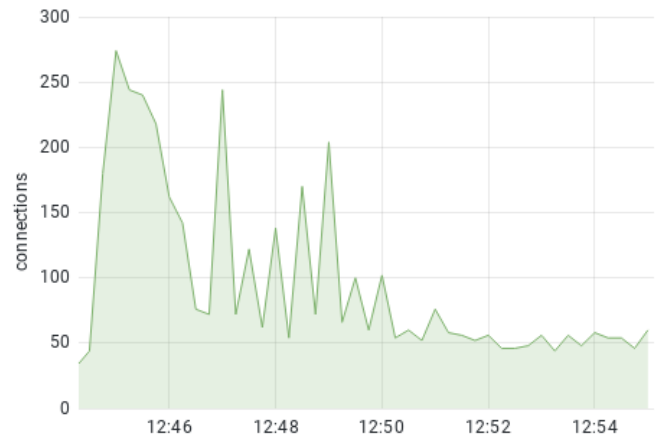


TCP Errors



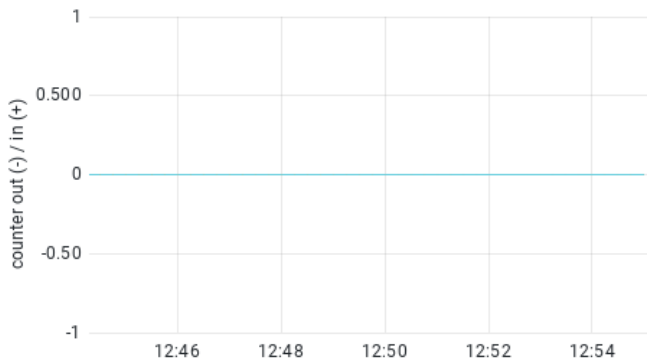
OutRsts - Segments sent with RST flag
 InErrs - Segments received in error (e.g., bad TCP checksums)
 RetransSegs - Segments retransmitted - that is, the number of TCP segments tr
 TCPSynRetrans - SYN-SYN/ACK retransmits to break down retransmissions in

TCP Connections



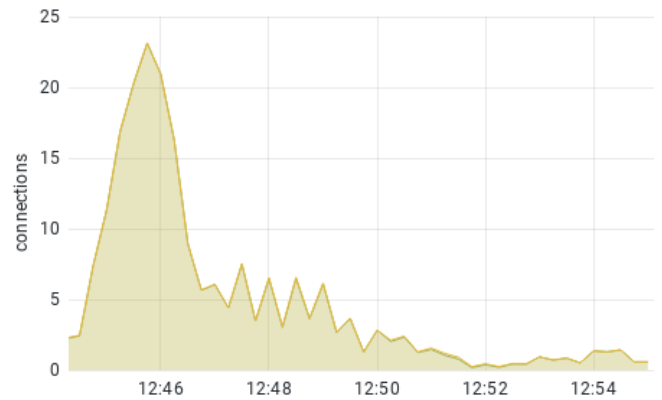
CurrEstab - TCP connections for which the current state is either ESTABLISHED

TCP SynCookie



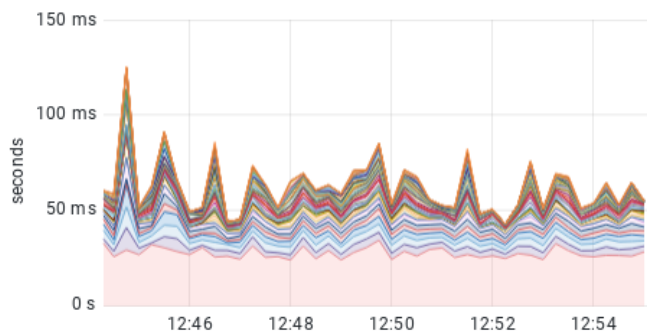
	min	max	avg	current
SyncookiesSent - SYN cookies sent	0	0	0	0
SyncookiesRecv - SYN cookies received	0	0	0	0
SyncookiesFailed - Invalid SYN cookies received	0	0	0	0

TCP Direct Transition



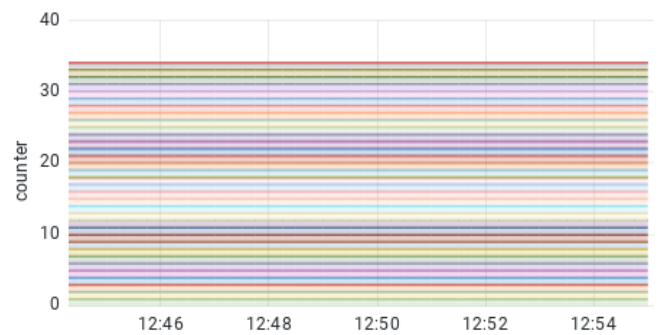
ActiveOpens - TCP connections that have made a direct transition to the SYN-S
 PassiveOpens - TCP connections that have made a direct transition to the SYN

Node Exporter Scrape Time



	min	max	avg	current
netclass - Scrape duration	24.3 ms	34.6 ms	27.9 ms	28.5
diskstats - Scrape duration	975 μ s	11.7 ms	3.63 ms	3.04
netdev - Scrape duration	2.17 ms	10.8 ms	3.92 ms	2.74
cpu - Scrape duration	976 μ s	11.6 ms	3.30 ms	2.69

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