

Host Metrics

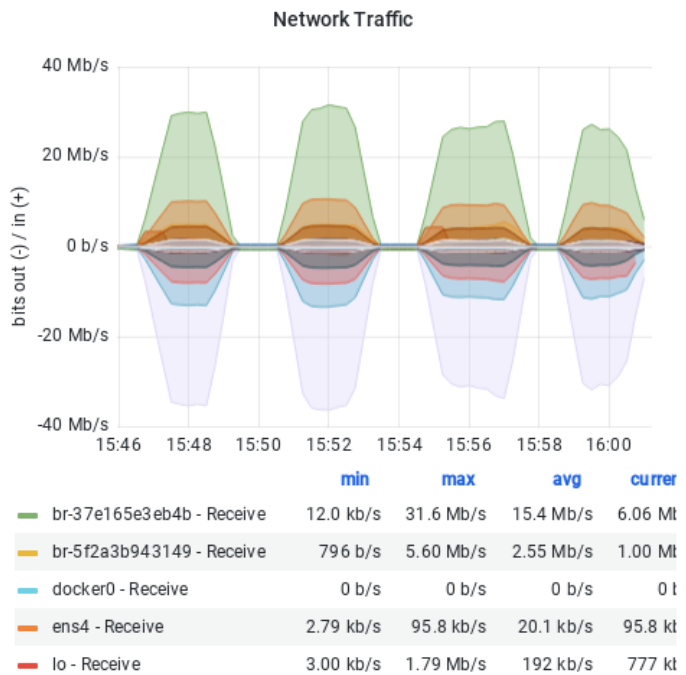
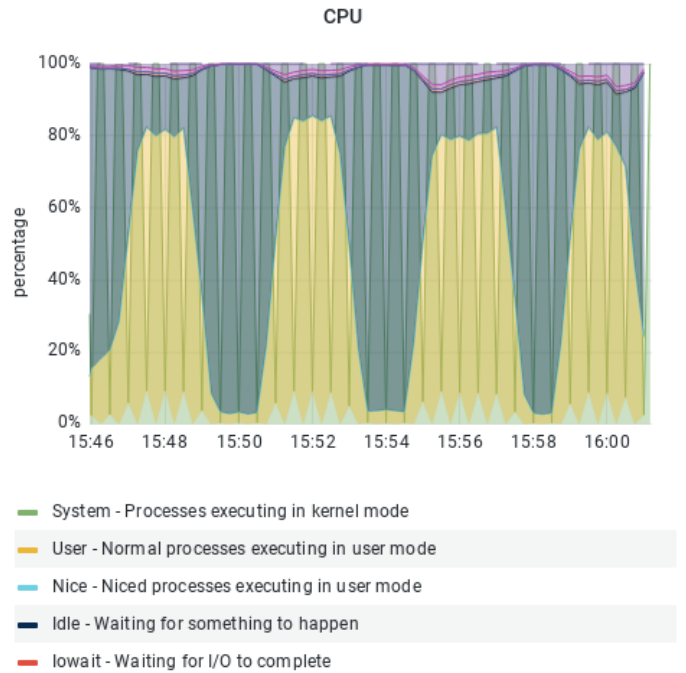
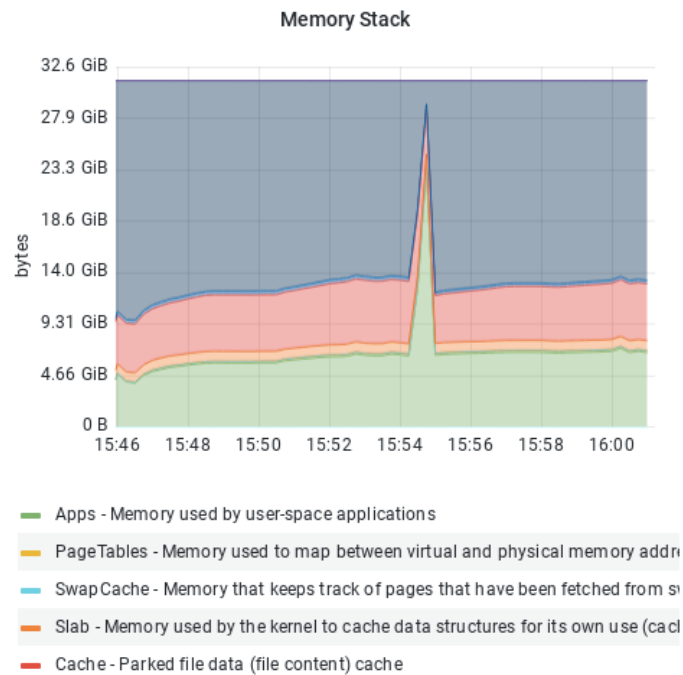
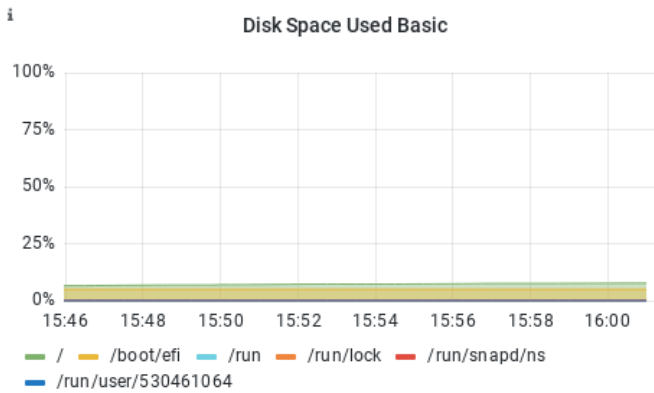
The dashboard visualizes host metrics collected by node_exporter. (based on: <https://grafana.com/grafana/dashboards/1860>)

Mon Apr 25 15:45:57 UTC 2022

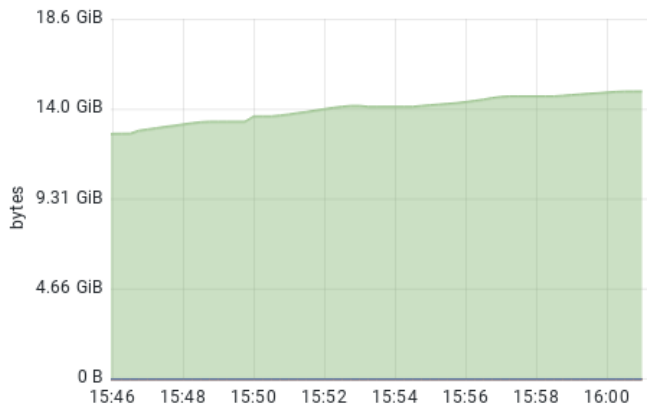
to

Mon Apr 25 16:01:13 UTC 2022



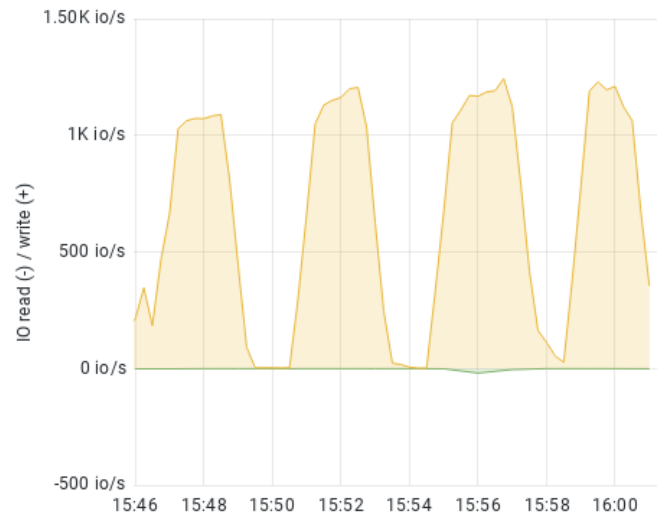


Disk Space Used



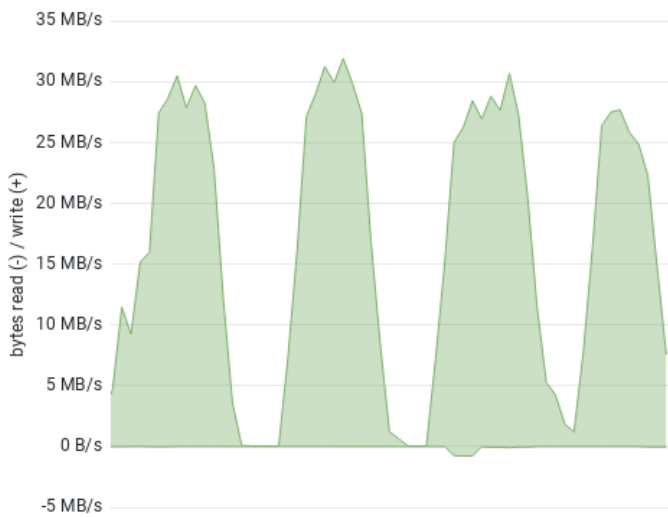
	min	max	avg	current
/run/lock	0 B	0 B	0 B	0 B
/run/user/530461064	0 B	0 B	0 B	0 B
/run	3.668 MiB	4.383 MiB	4.367 MiB	4.316 MiB
/run/snapd/ns	3.668 MiB	4.383 MiB	4.367 MiB	4.316 MiB
/boot/efi	5.196 MiB	5.196 MiB	5.196 MiB	5.196 MiB

Disk IOps



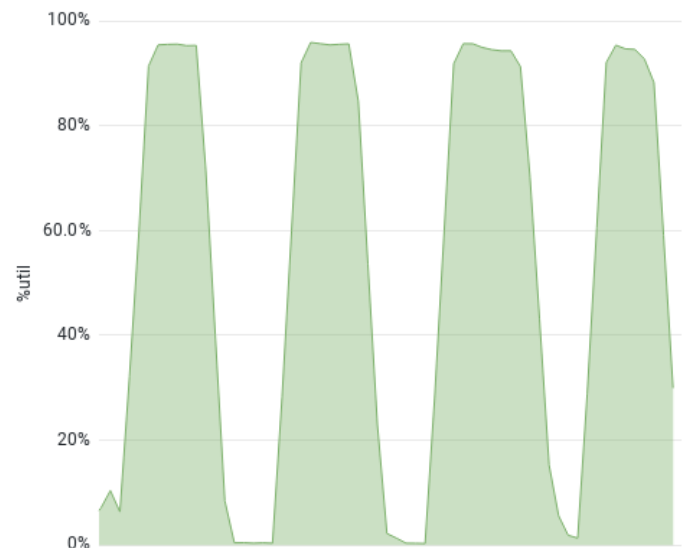
	min	max	avg	current
sda - Reads completed	0 io/s	19.0 io/s	1.65 io/s	0.500 io/s
sda - Writes completed	1.96 io/s	1.24K io/s	656 io/s	355 io/s

I/O Usage Read / Write



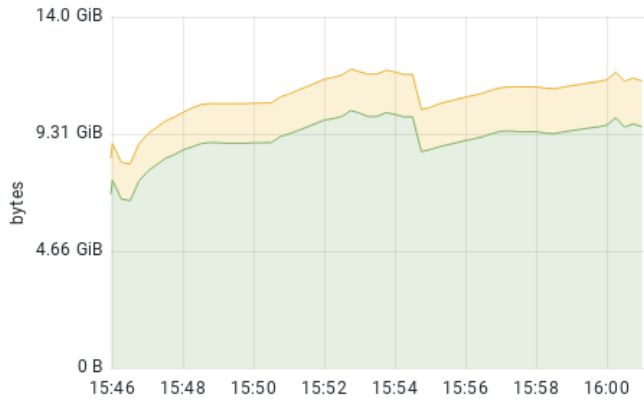
	min	max	avg
sda - Successfully read bytes	0 B/s	768.683 kB/s	44.913 kB/s
sda - Successfully written bytes	45.604 kB/s	31.892 MB/s	16.394 MB/s

I/O Utilization



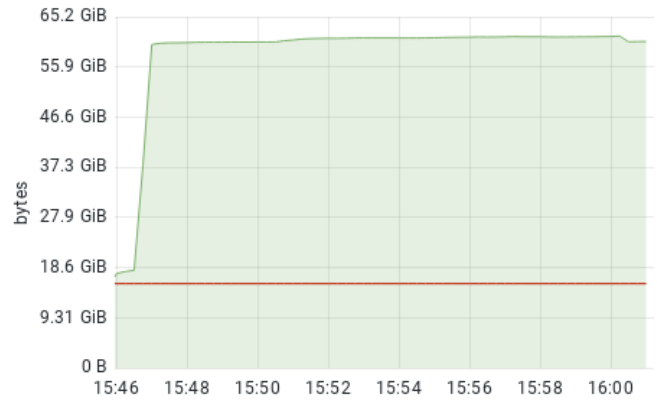
	min	max	avg	current
sda	0.284%	95.858%	53.994%	29.947%

Memory Active / Inactive



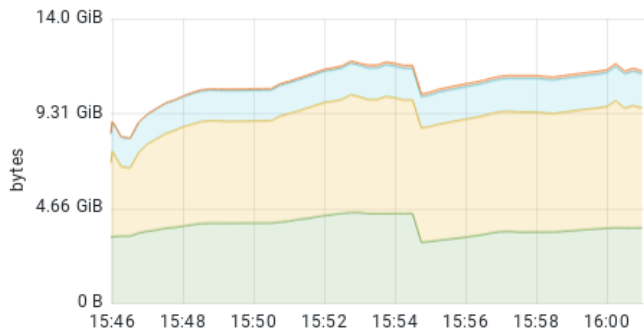
— Inactive - Memory which has been less recently used. It is more eligible to be re
 — Active - Memory that has been used more recently and usually not reclaimed u

Memory Committed



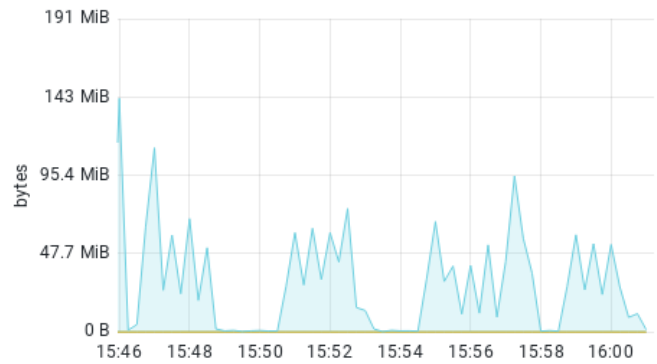
— Committed_AS - Amount of memory presently allocated on the system
 — CommitLimit - Amount of memory currently available to be allocated on the sy

Memory Active / Inactive Detail



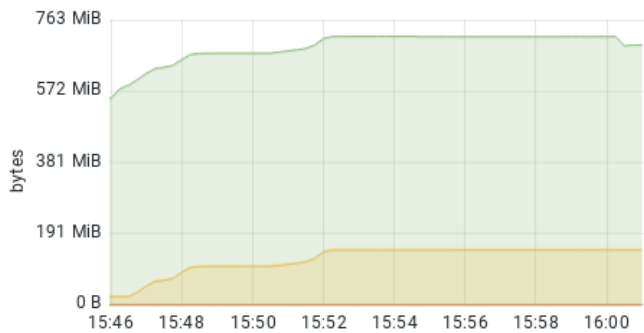
— Inactive_file - File-backed memory on inactive LRU list
 — Inactive_anon - Anonymous and swap cache on inactive LRU list, including tmp
 — Active_file - File-backed memory on active LRU list
 — Active_anon - Anonymous and swap cache on active least-recently-used (LRU)

Memory Writeback and Dirty



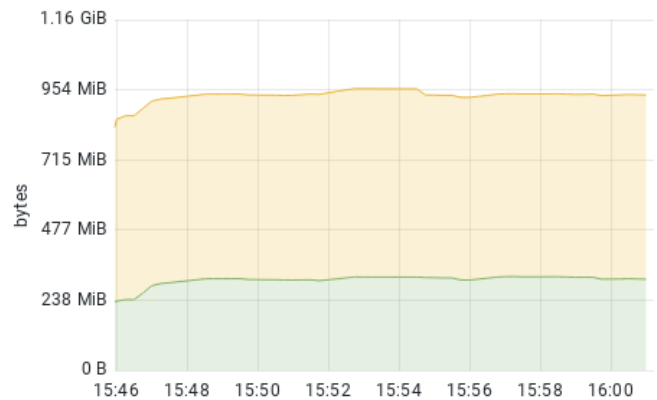
— Writeback - Memory which is actively being written back to disk
 — WritebackTmp - Memory used by FUSE for temporary writeback buffers
 — Dirty - Memory which is waiting to get written back to the disk 200.

Memory Shared and Mapped



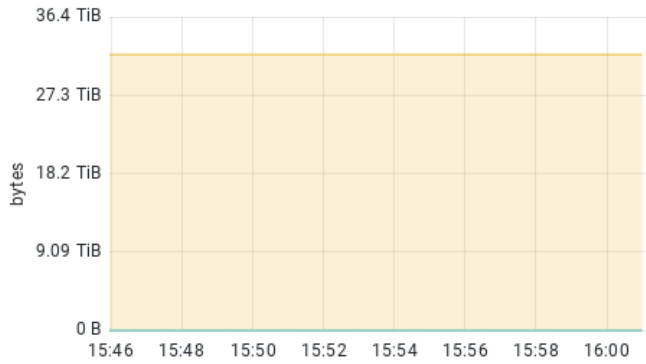
— Mapped - Used memory in mapped pages files which have been mmaped, such
 — Shmem - Used shared memory (shared between several processes, thus includ
 — ShmemHugePages - Memory used by shared memory (shmem) and tmpfs allc
 — ShmemPmdMapped - Ammount of shared (shmem/tmpfs) memory backed by

Memory Slab



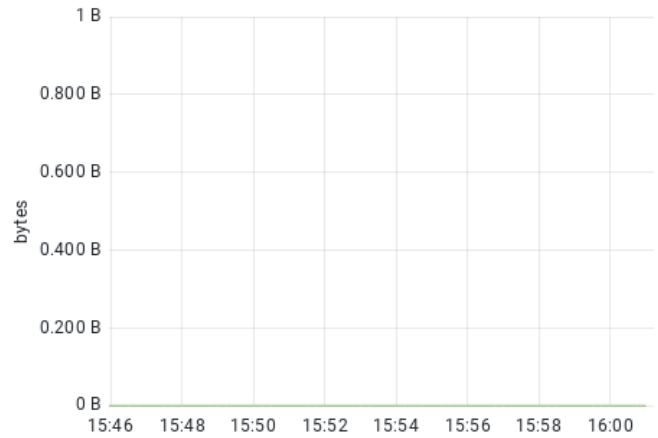
— SUnreclaim - Part of Slab, that cannot be reclaimed on memory pressure 21
 — SReclaimable - Part of Slab, that might be reclaimed, such as caches 49

Memory Vmalloc



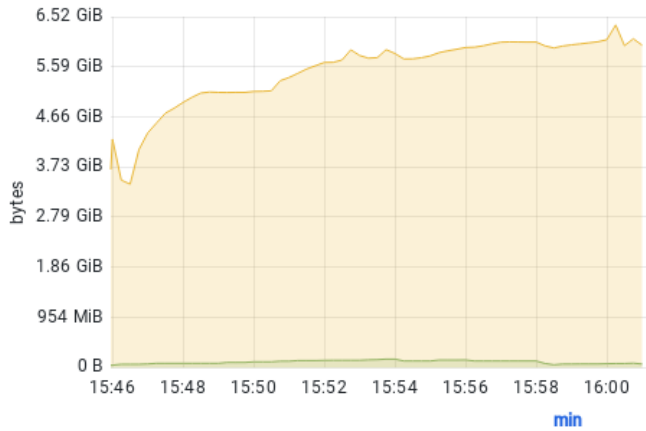
VmallocChunk - Largest contiguous block of vmalloc area which is free	
VmallocTotal - Total size of vmalloc memory area	32.0
VmallocUsed - Amount of vmalloc area which is used	47.4

Memory Bounce



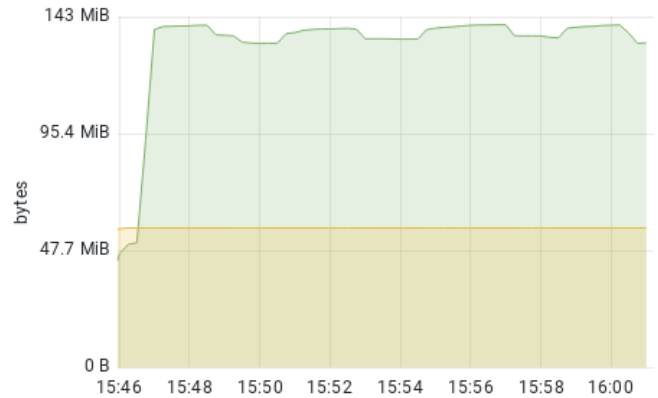
Bounce - Memory used for block device bounce buffers	0 B	0 B	0 B
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Memory Anonymous



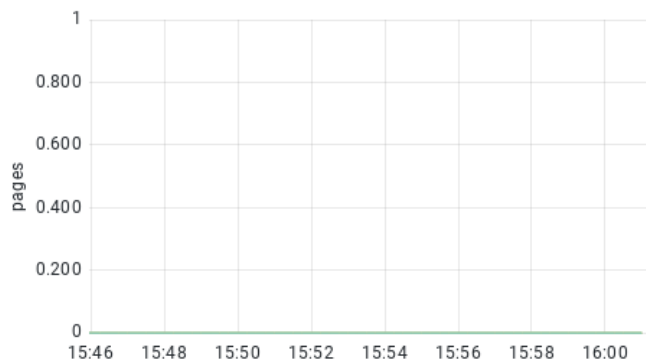
AnonHugePages - Memory in anonymous huge pages	12.00 MiB	158.00
AnonPages - Memory in user pages not backed by files	1.31 GiB	6.37

Memory Kernel / CPU



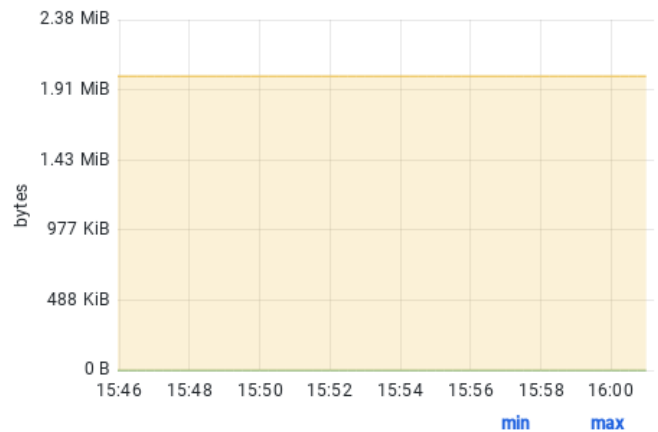
KernelStack - Kernel memory stack. This is not reclaimable	32.1
PerCPU - Per CPU memory allocated dynamically by loadable modules	55.7

Memory HugePages Counter



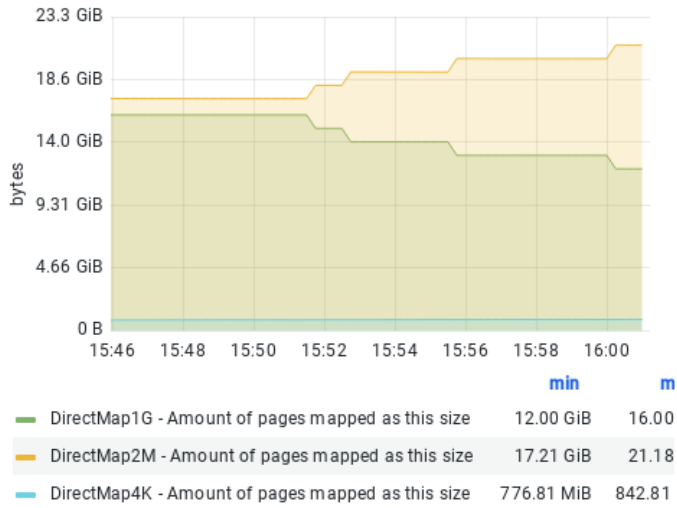
HugePages_Free - Huge pages in the pool that are not yet allocated	
HugePages_Rsvd - Huge pages for which a commitment to allocate from the pool has been made	
HugePages_Surp - Huge pages in the pool above the value in /proc/sys/vm/nr_hugepages	

Memory HugePages Size

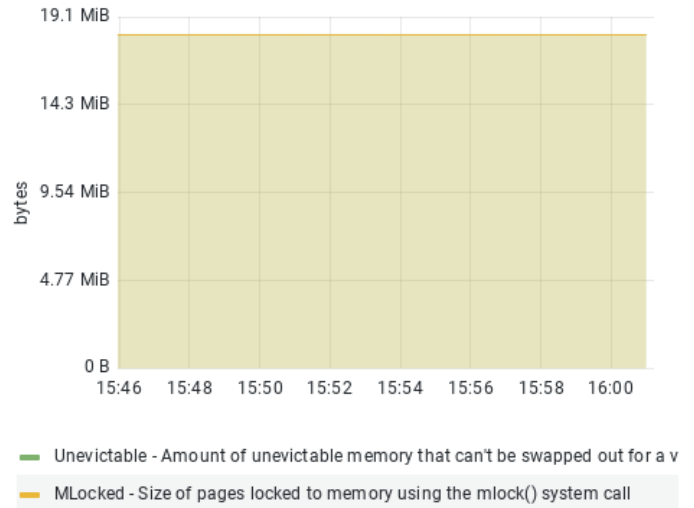


HugePages - Total size of the pool of huge pages	0 B	0 B
Hugepagesize - Huge Page size	2.00 MiB	2.00 MiB

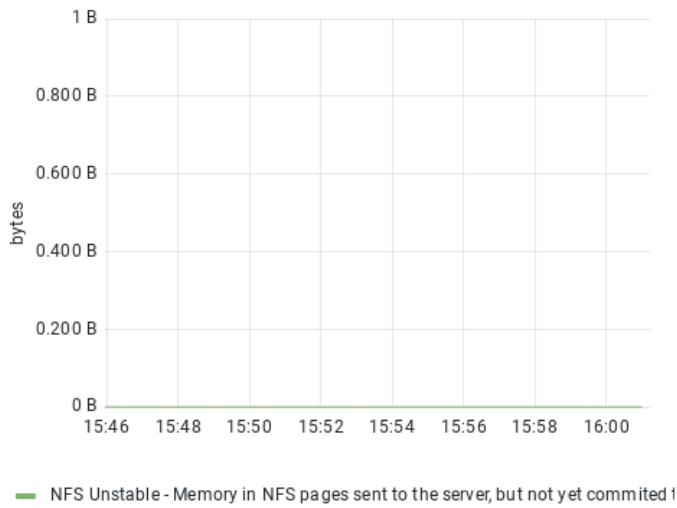
Memory DirectMap



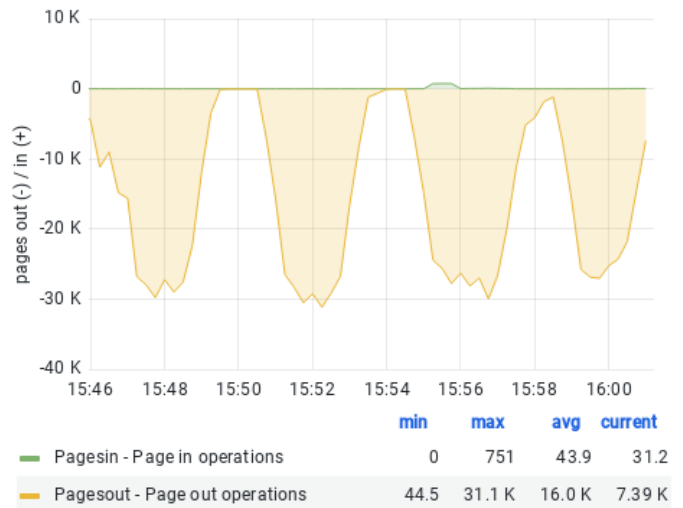
Memory Unevictable and MLocked



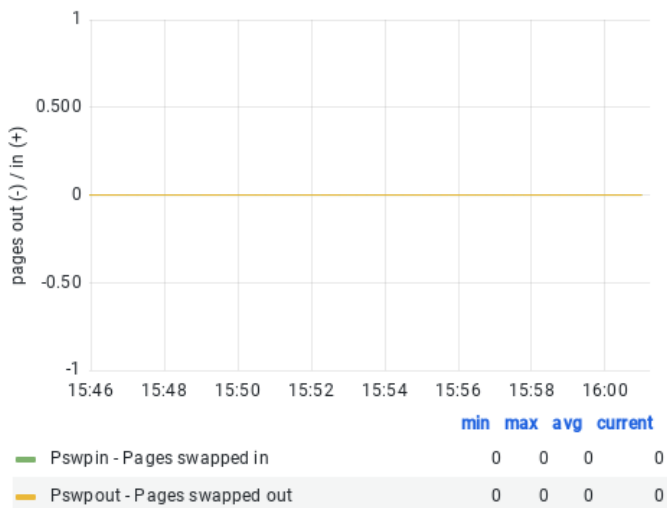
Memory NFS



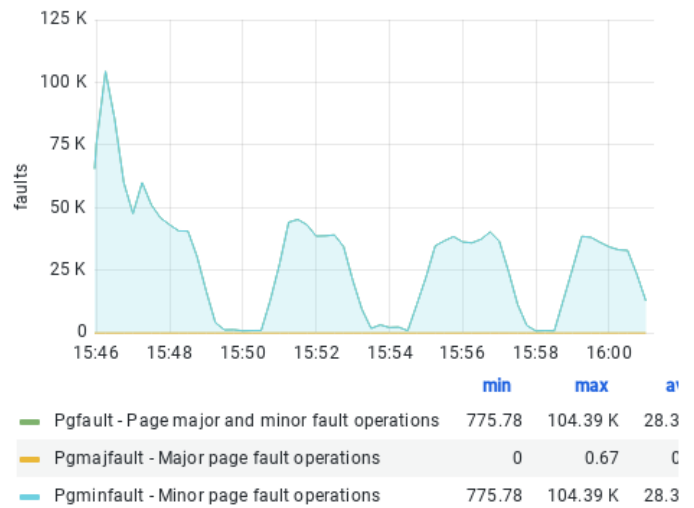
Memory Pages In / Out



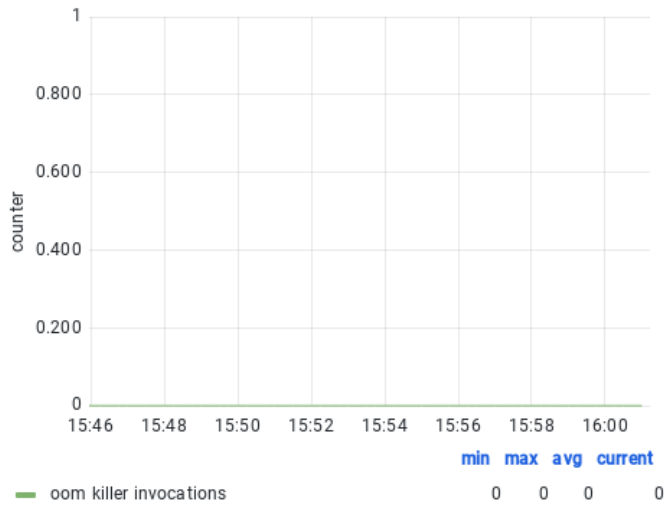
Memory Pages Swap In / Out



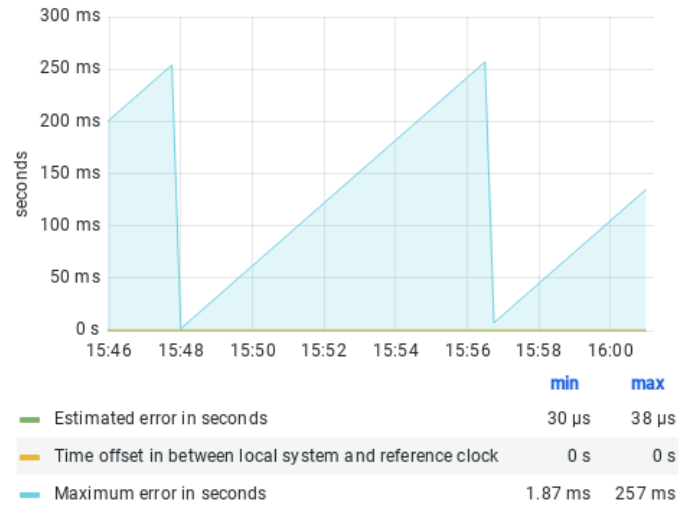
Memory Page Faults



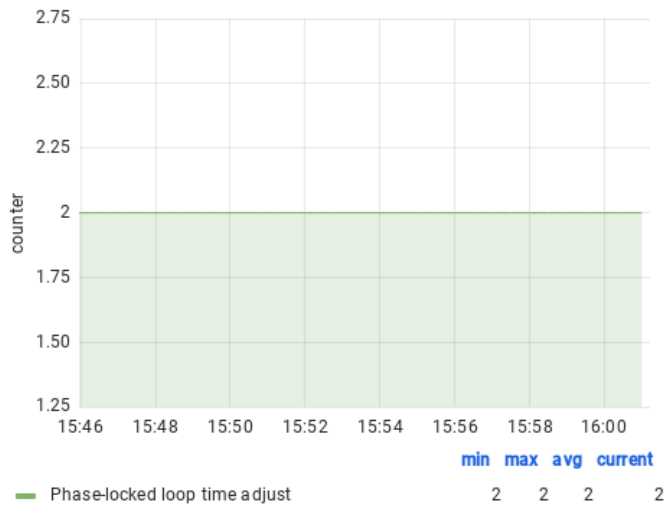
OOM Killer



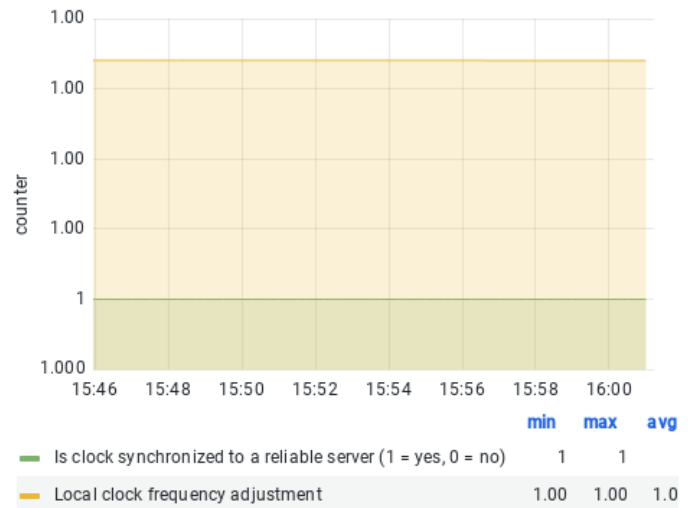
Time Synchronized Drift



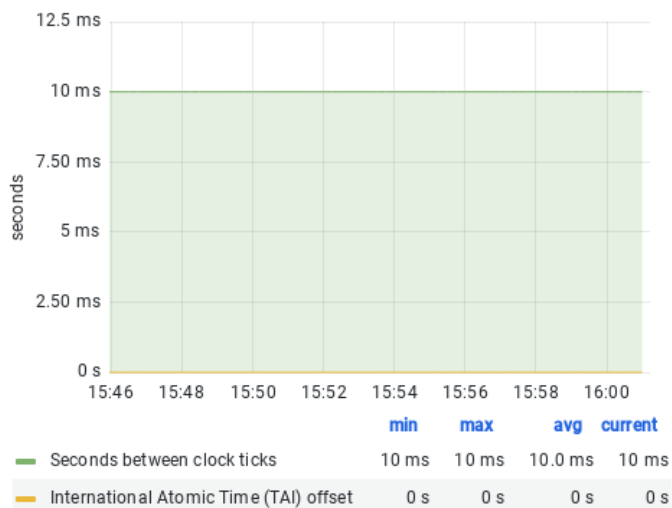
Time PLL Adjust



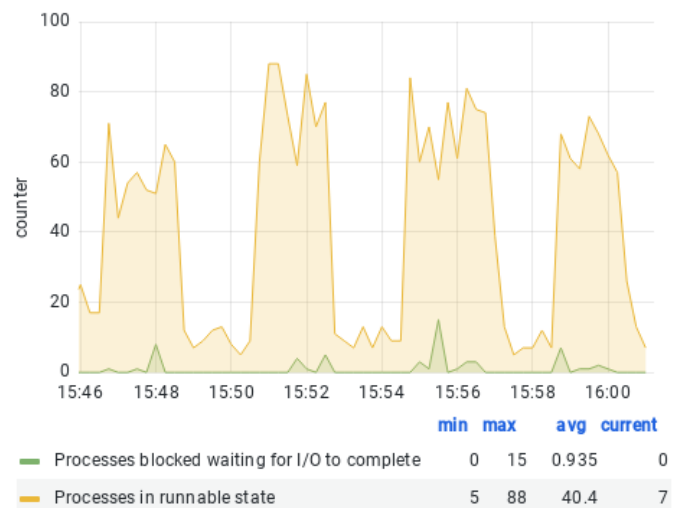
Time Synchronized Status



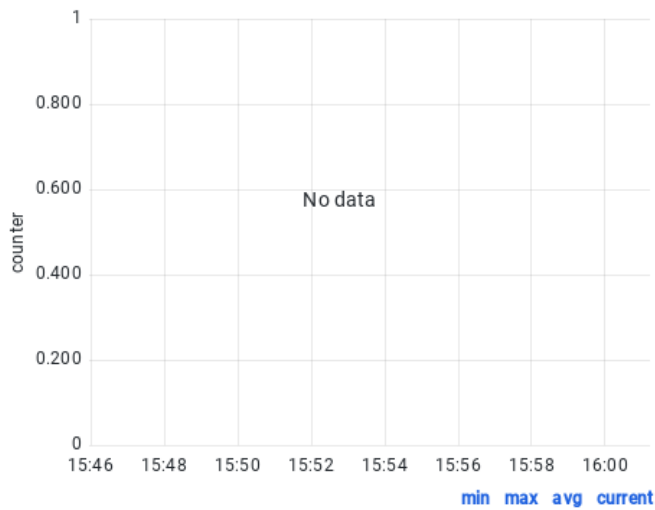
Time Misc



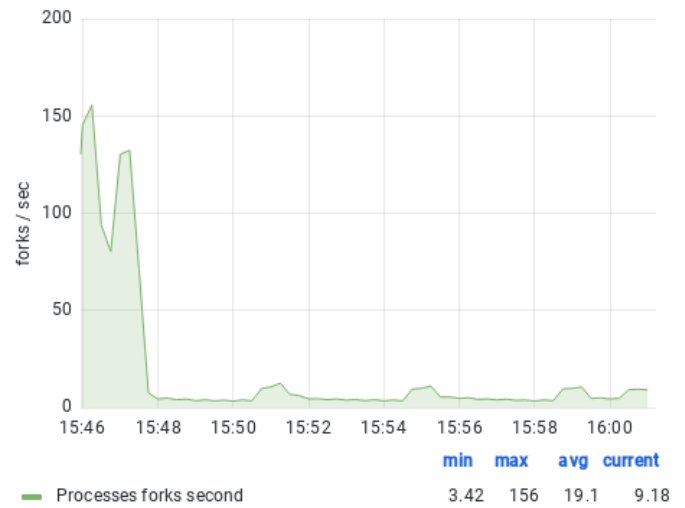
Processes Status



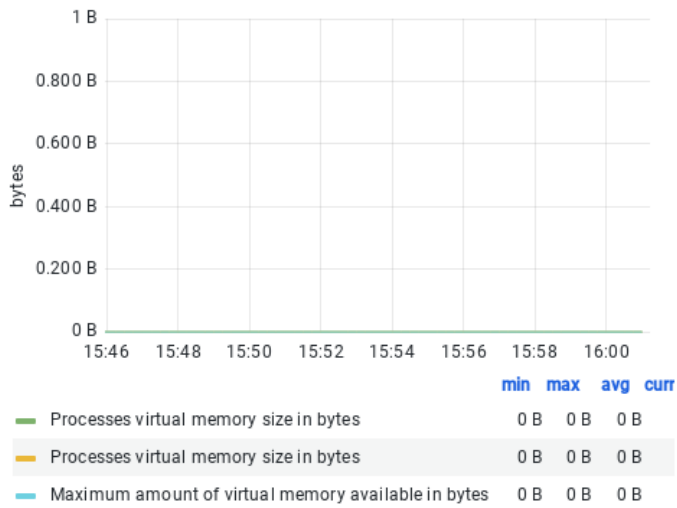
Processes State



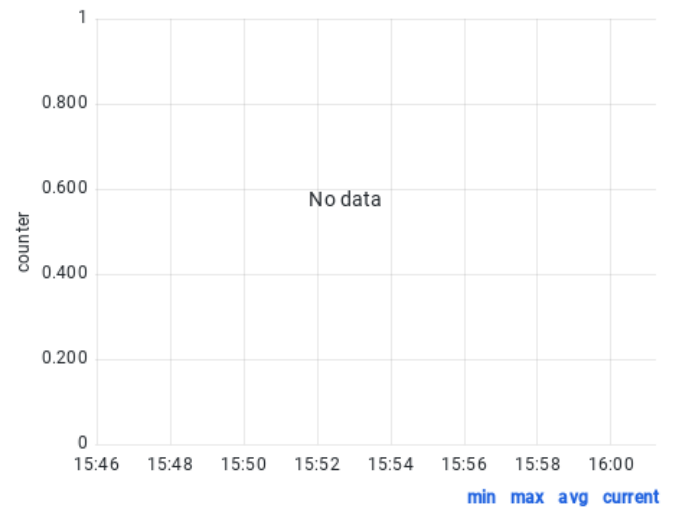
Processes Forks



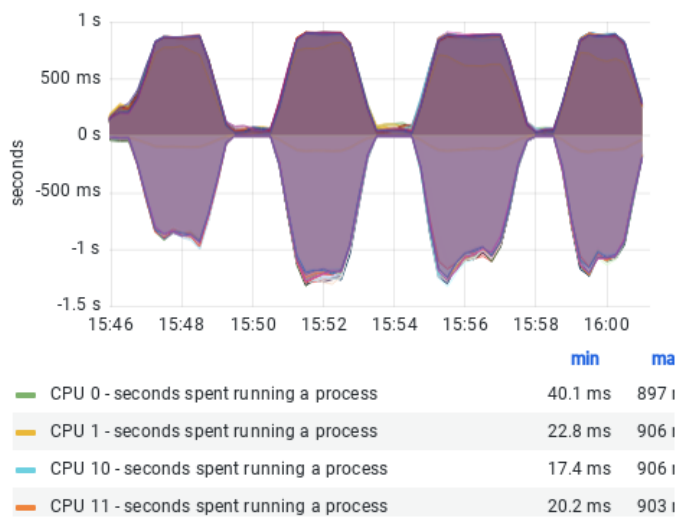
Processes Memory



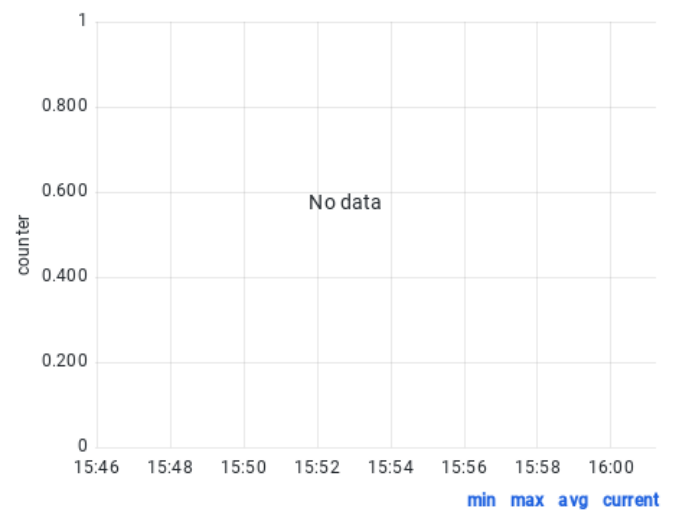
PIDs Number and Limit



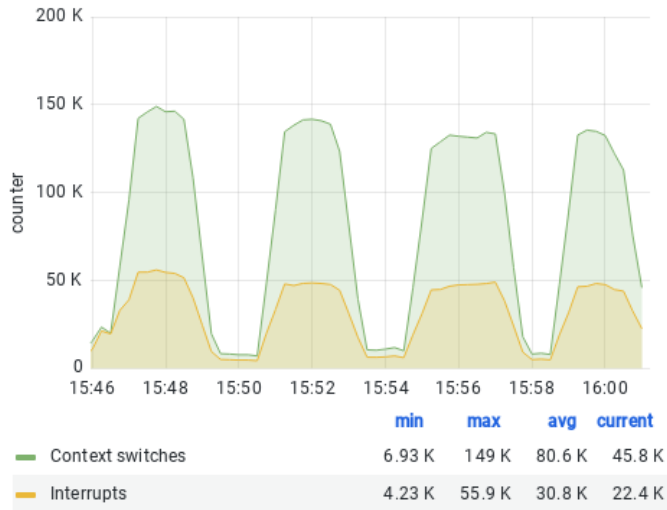
Process schedule stats Running / Waiting



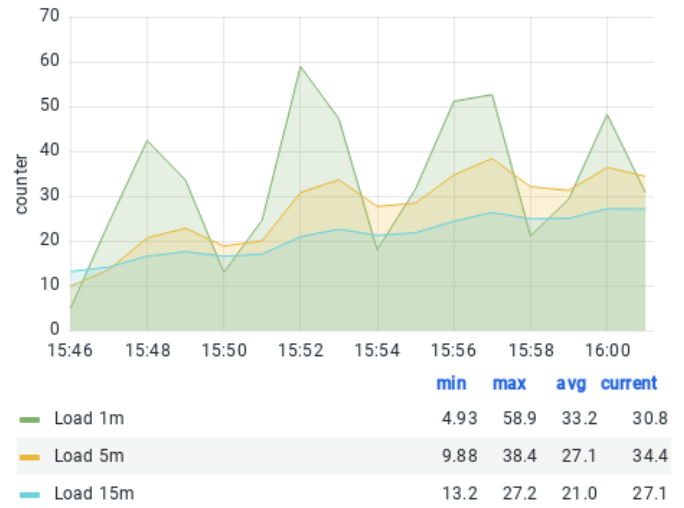
Threads Number and Limit



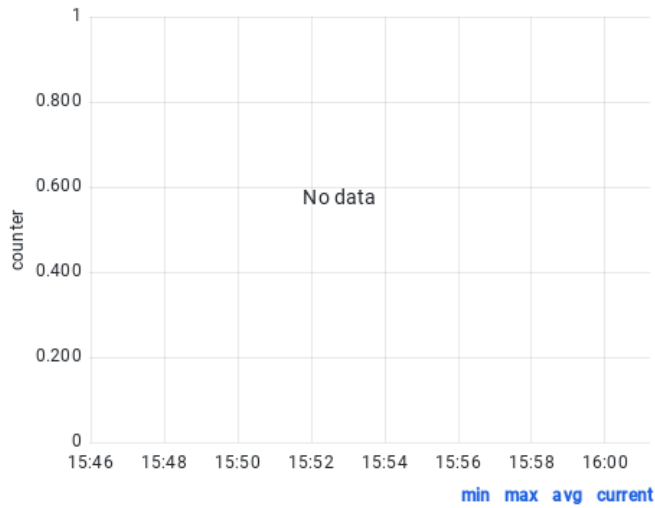
Context Switches / Interrupts



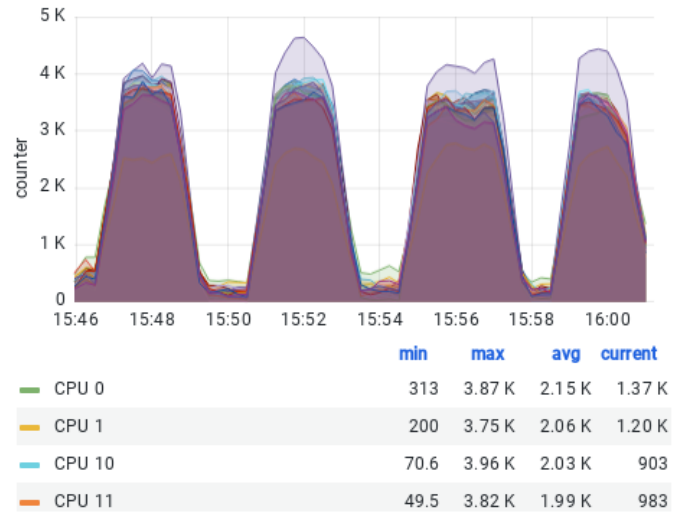
System Load



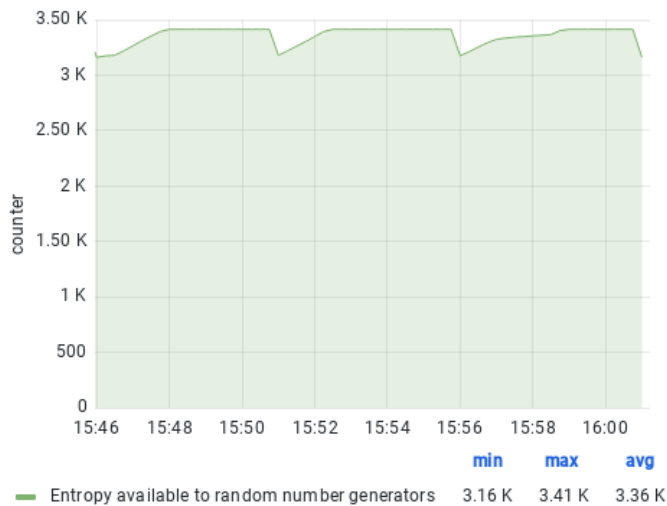
Interrupts Detail



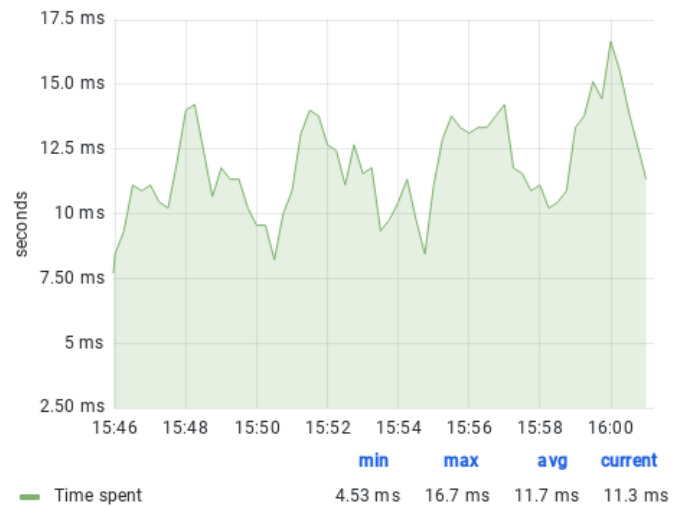
Schedule timeslices executed by each cpu



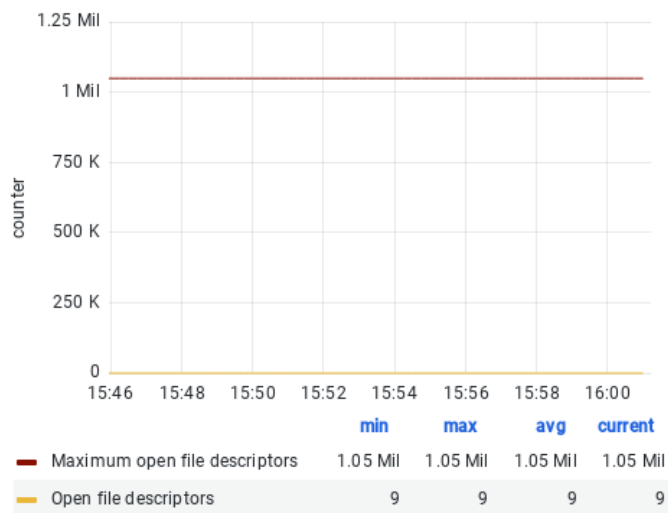
Entropy



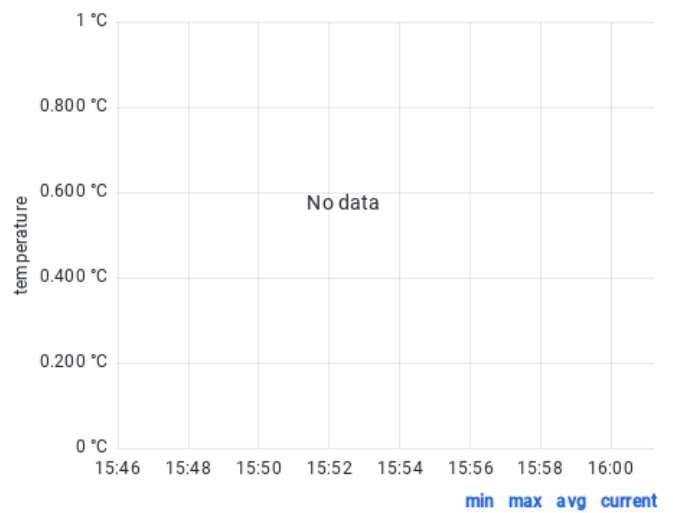
CPU time spent in user and system contexts



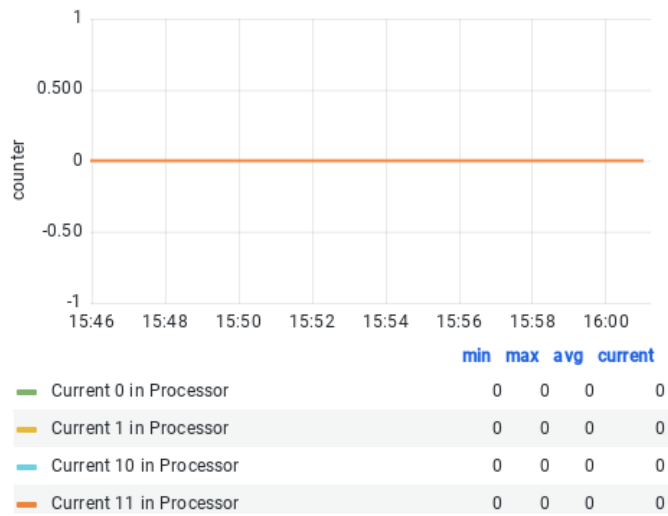
File Descriptors



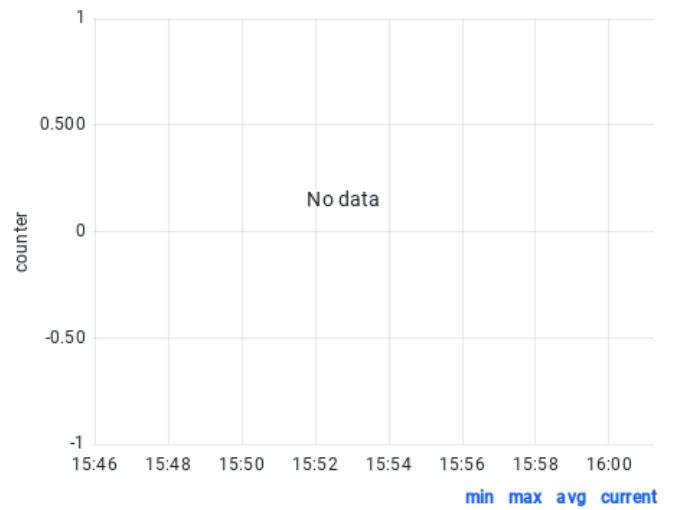
Hardware temperature monitor



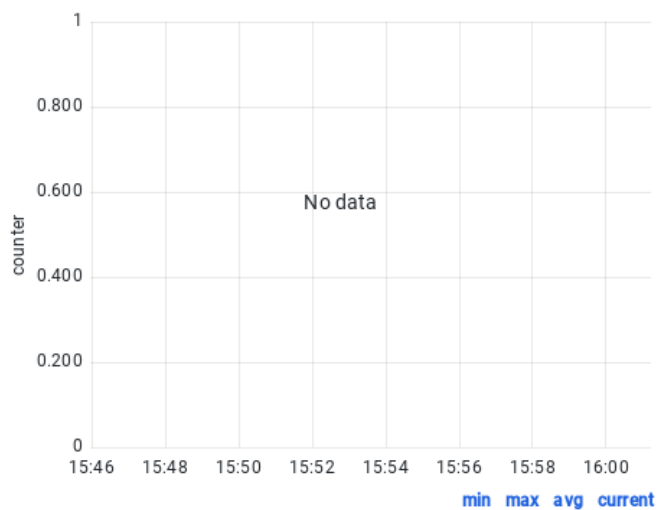
Throttle cooling device



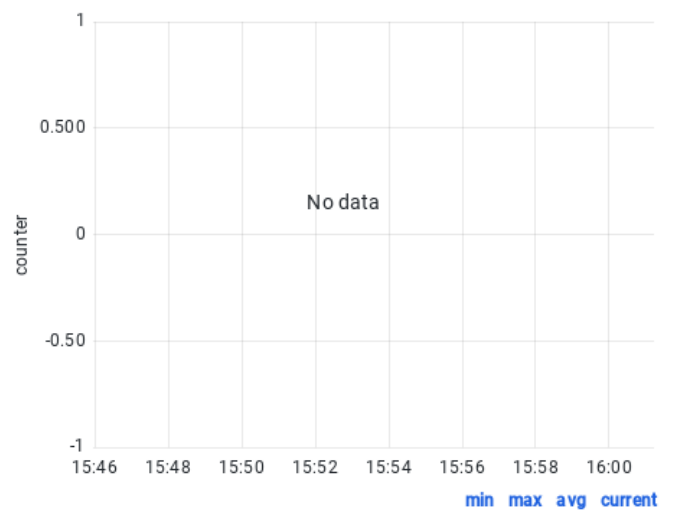
Power supply

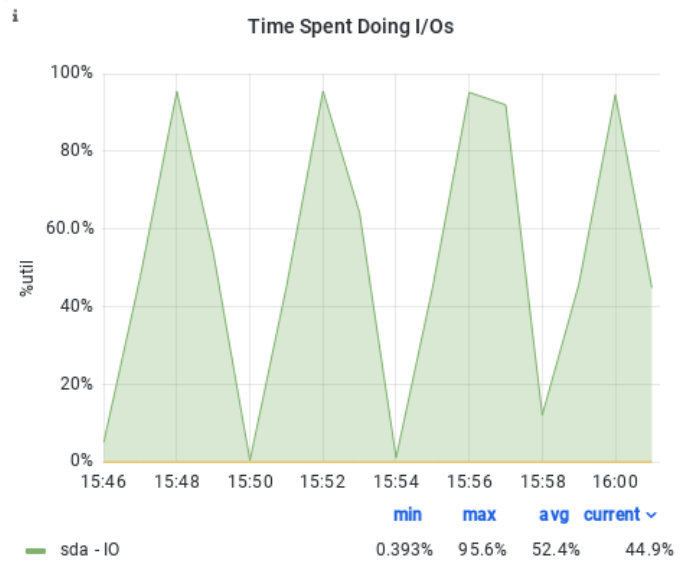
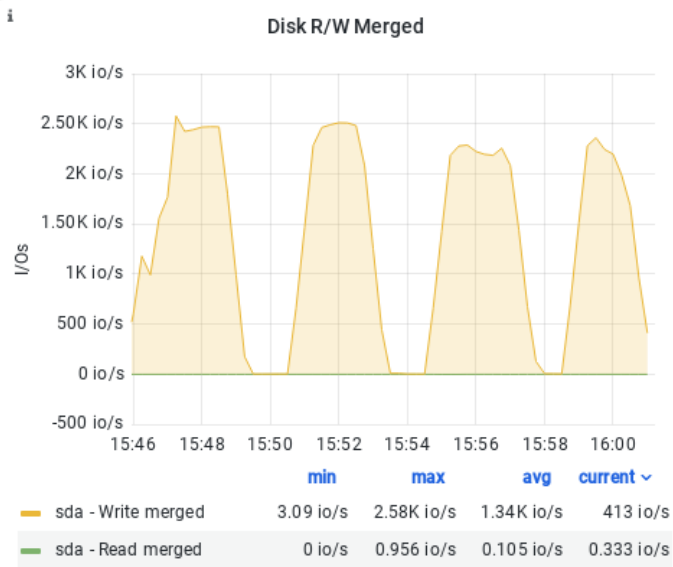
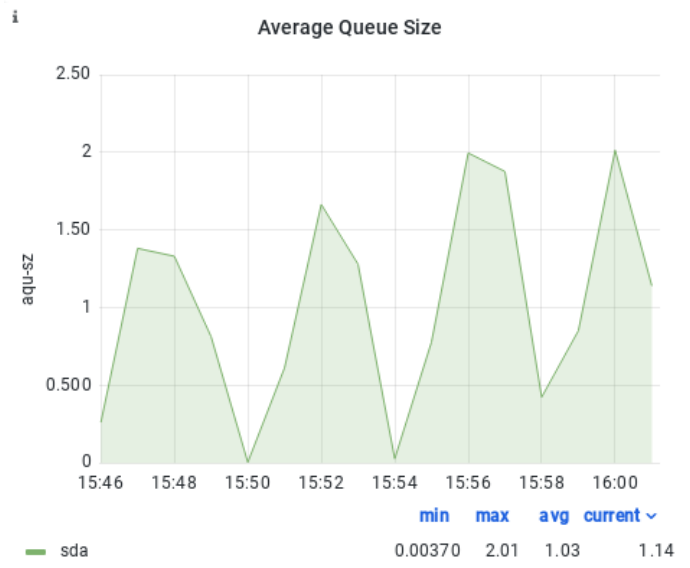
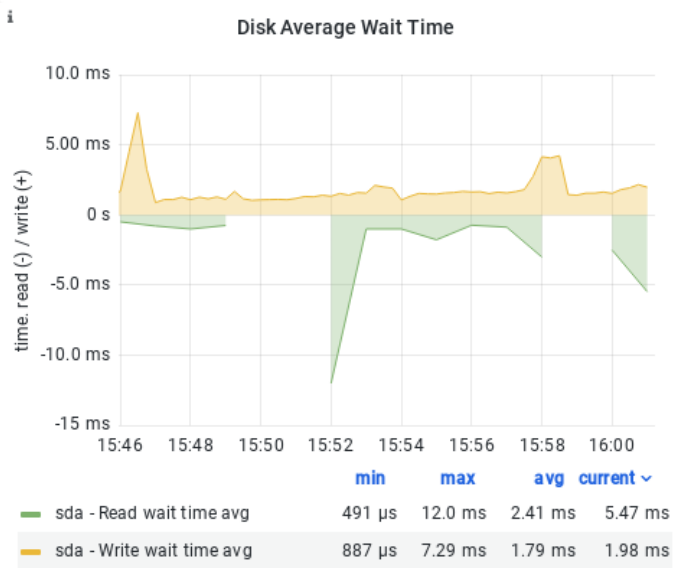
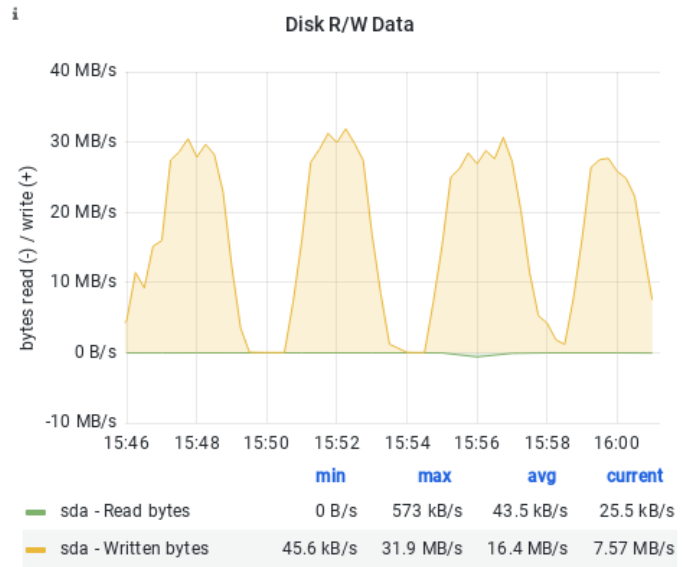
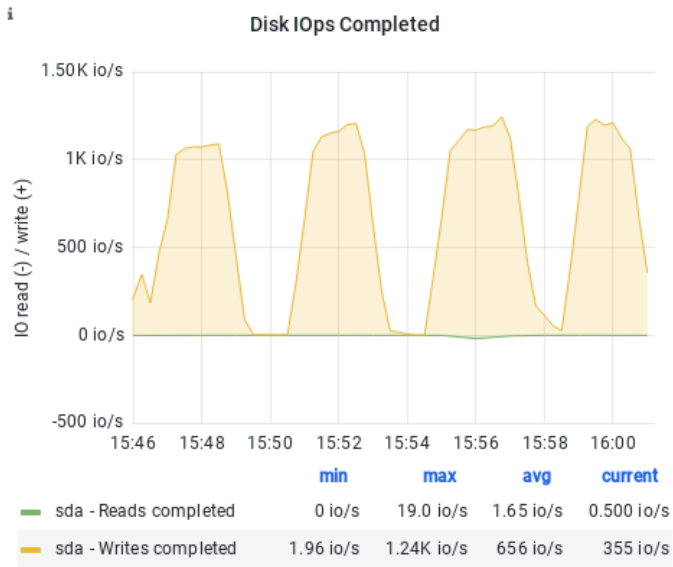


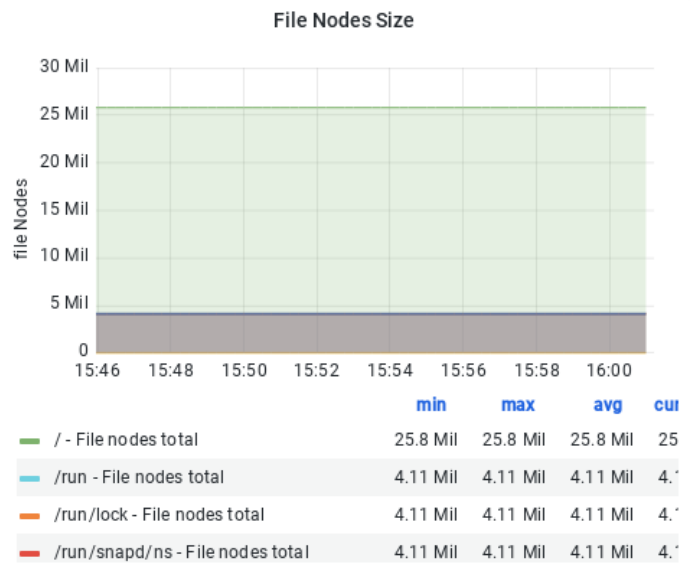
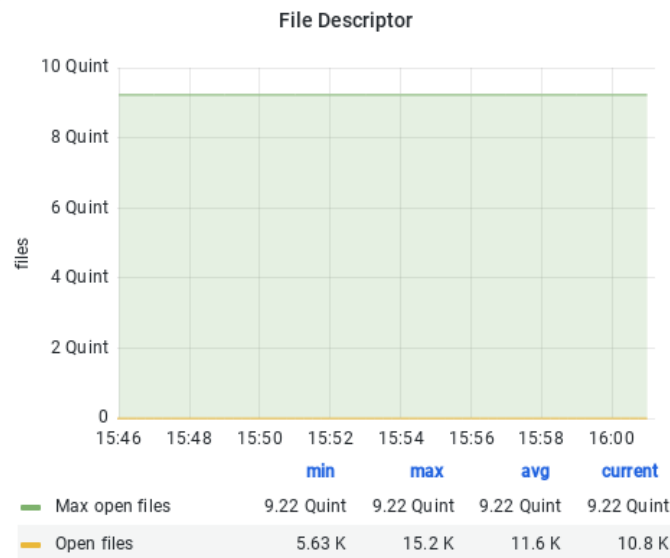
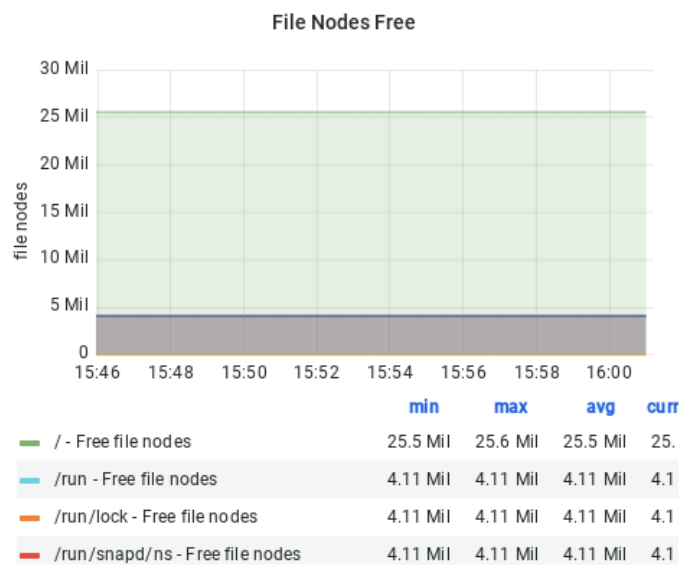
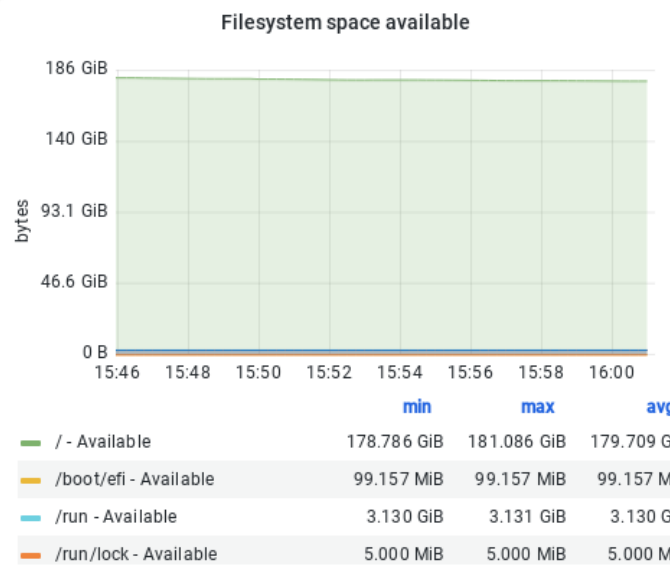
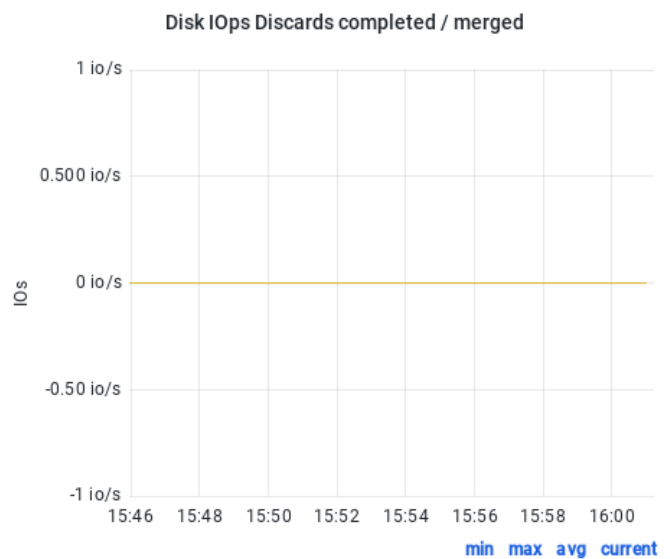
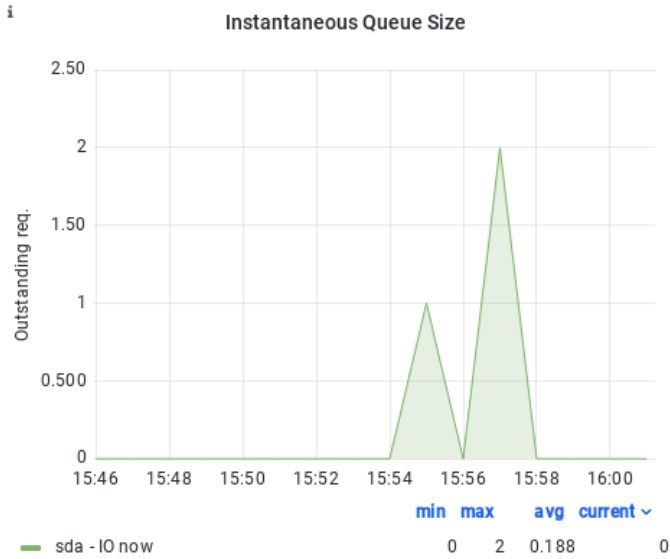
Systemd Sockets



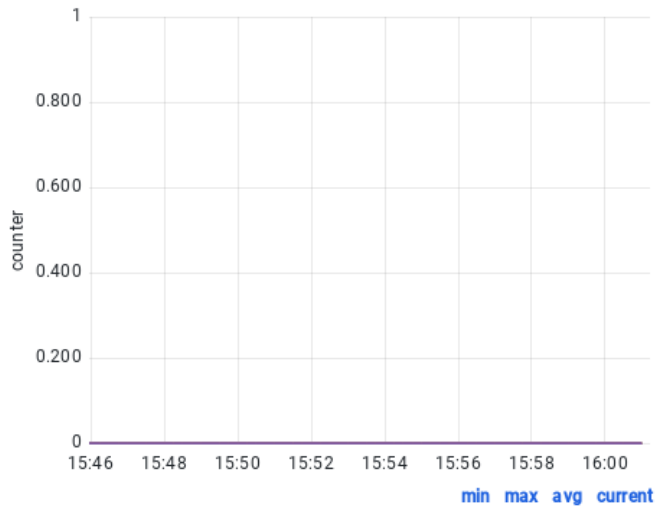
Systemd Units State



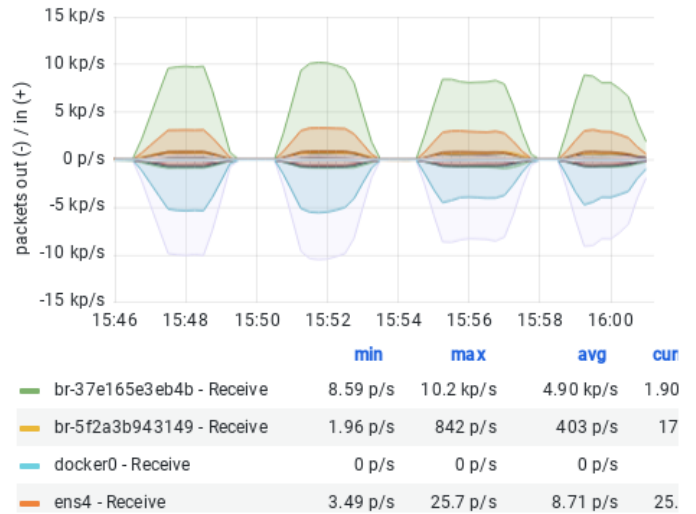




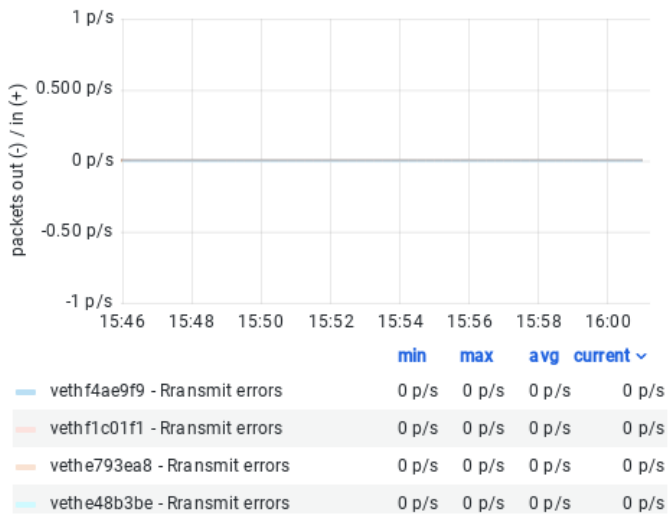
Filesystem in ReadOnly / Error



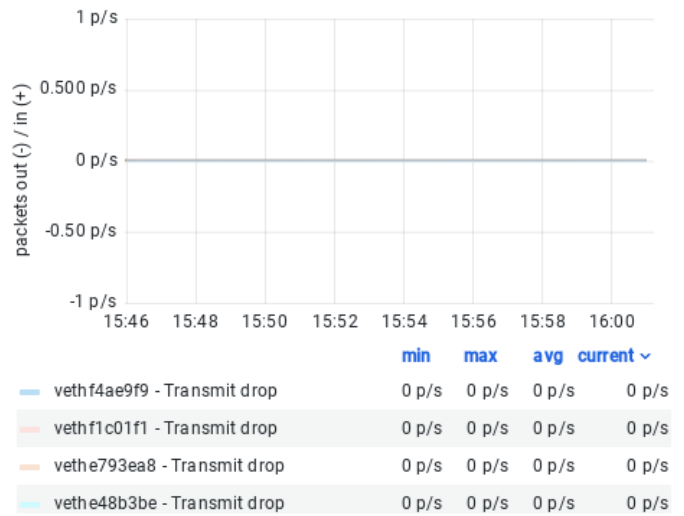
Network Traffic by Packets



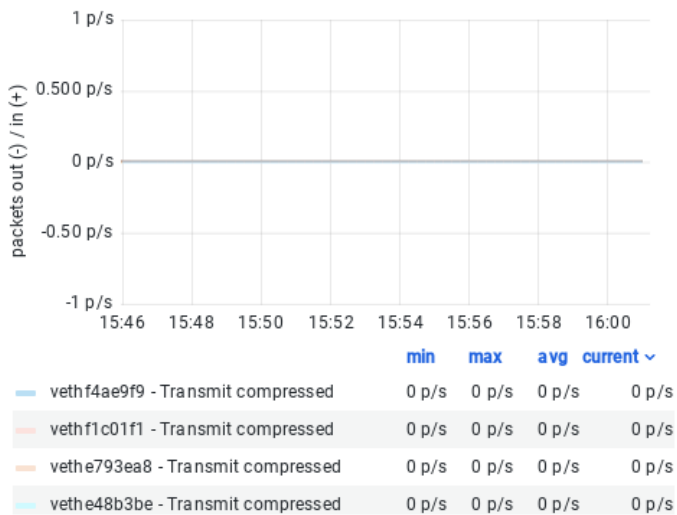
Network Traffic Errors



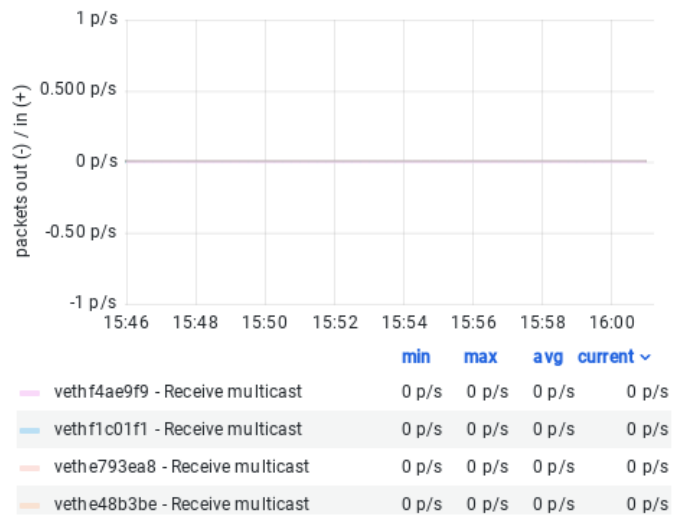
Network Traffic Drop



Network Traffic Compressed



Network Traffic Multicast

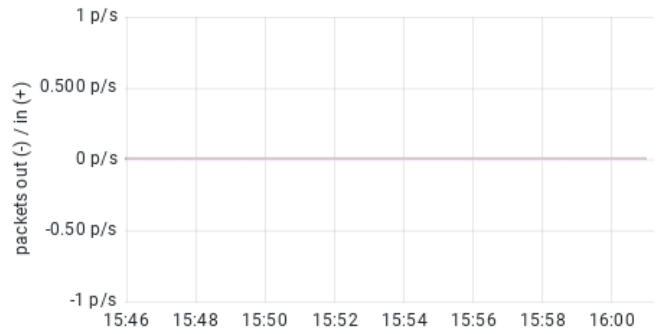


Network Traffic Fifo



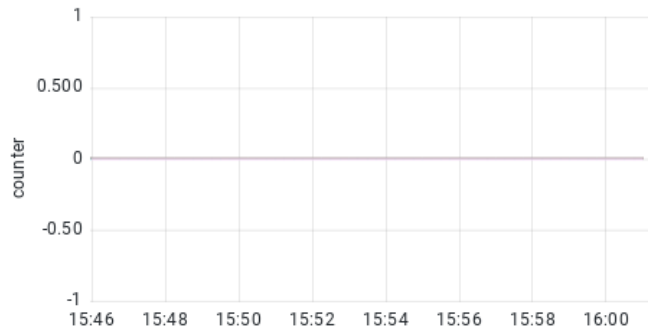
	min	max	avg	current
vethf4ae9f9 - Transmit fifo	0 p/s	0 p/s	0 p/s	0 p/s
vethf1c01f1 - Transmit fifo	0 p/s	0 p/s	0 p/s	0 p/s
vethe793ea8 - Transmit fifo	0 p/s	0 p/s	0 p/s	0 p/s
vethe48b3be - Transmit fifo	0 p/s	0 p/s	0 p/s	0 p/s

Network Traffic Frame



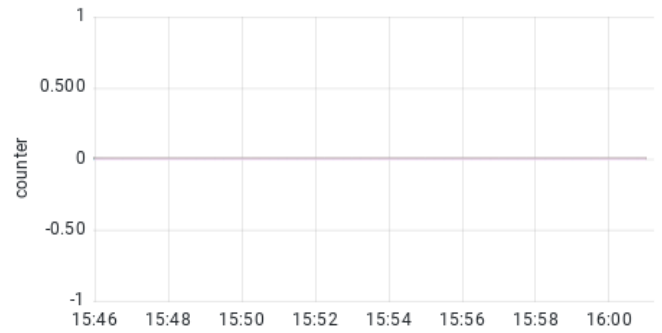
	min	max	avg	current
vethf4ae9f9 - Receive frame	0 p/s	0 p/s	0 p/s	0 p/s
vethf1c01f1 - Receive frame	0 p/s	0 p/s	0 p/s	0 p/s
vethe793ea8 - Receive frame	0 p/s	0 p/s	0 p/s	0 p/s
vethe48b3be - Receive frame	0 p/s	0 p/s	0 p/s	0 p/s

Network Traffic Carrier



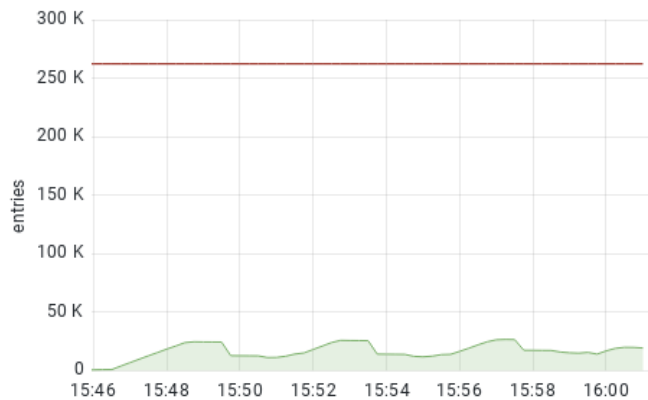
	min	max	avg	current
vethf4ae9f9 - Statistic transmit_carrier	0	0	0	0
vethf1c01f1 - Statistic transmit_carrier	0	0	0	0
vethe793ea8 - Statistic transmit_carrier	0	0	0	0
vethe48b3be - Statistic transmit_carrier	0	0	0	0

Network Traffic Colls



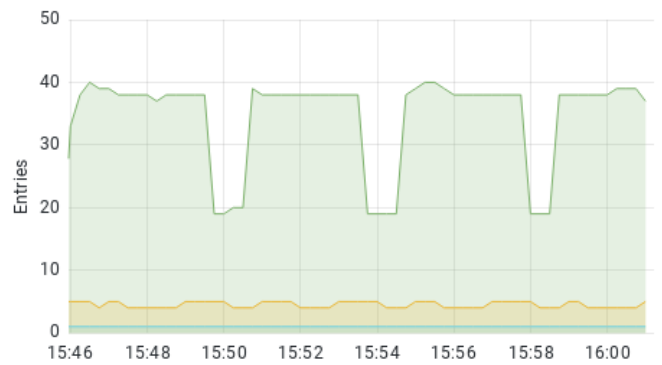
	min	max	avg	current
vethf4ae9f9 - Transmit colls	0	0	0	0
vethf1c01f1 - Transmit colls	0	0	0	0
vethe793ea8 - Transmit colls	0	0	0	0
vethe48b3be - Transmit colls	0	0	0	0

NF Contrack



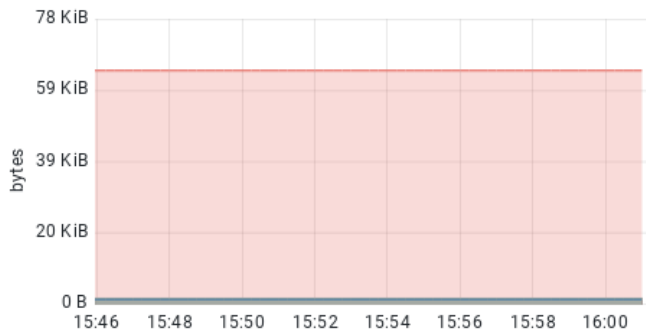
	min	max	avg	current
NF conntrack entries	240	26.5 K	16.2 K	19.2 K
NF conntrack limit	262 K	262 K	262 K	262 K

ARP Entries



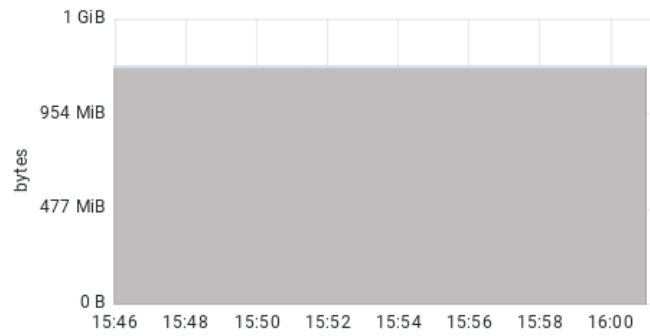
	min	max	avg	current
br-37e165e3eb4b - ARP entries	6	40	34.3	37
br-5f2a3b943149 - ARP entries	4	5	4.50	5
ens4 - ARP entries	1	1	1	1

MTU



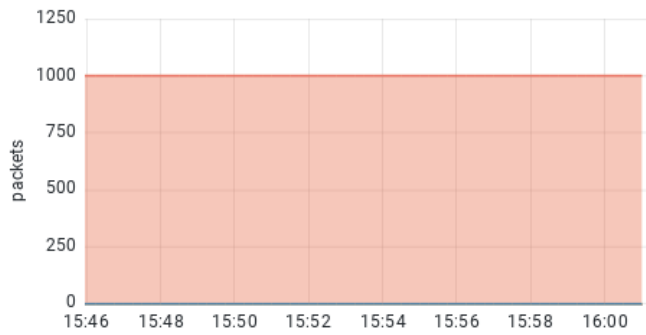
	min	max	avg	current
br-37e165e3eb4b - Bytes	1.5 KiB	1.5 KiB	1.5 KiB	1.5 KiB
br-5f2a3b943149 - Bytes	1.5 KiB	1.5 KiB	1.5 KiB	1.5 KiB
docker0 - Bytes	1.5 KiB	1.5 KiB	1.5 KiB	1.5 KiB
ens4 - Bytes	1.4 KiB	1.4 KiB	1.4 KiB	1.4 KiB

Speed



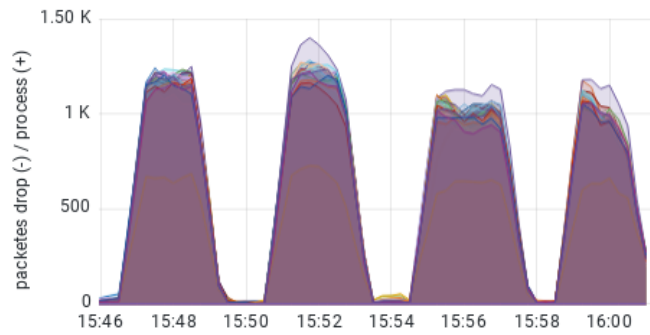
	min	max	avg	current
br-37e165e3eb4b - Speed	1.2 GiB	1.2 GiB	1.2 GiB	1.2 GiB
br-5f2a3b943149 - Speed	1.2 GiB	1.2 GiB	1.2 GiB	1.2 GiB
docker0 - Speed	-122.1 KiB	-122.1 KiB	-122.1 KiB	-122.1 KiB
ens4 - Speed	-122.1 KiB	-122.1 KiB	-122.1 KiB	-122.1 KiB

Queue Length



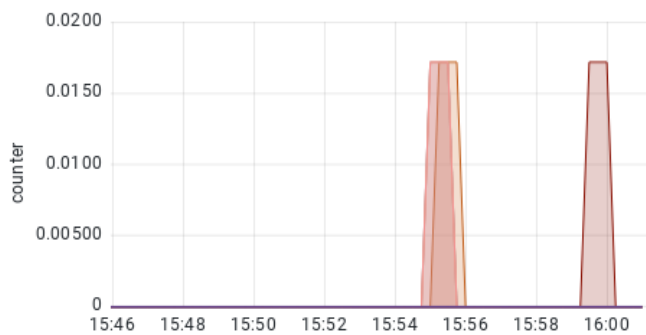
	min	max	avg
br-37e165e3eb4b - Interface transmit queue length	0	0	0
br-5f2a3b943149 - Interface transmit queue length	0	0	0
docker0 - Interface transmit queue length	0	0	0
ens4 - Interface transmit queue length	1000.0	1000.0	100

Softnet Packets



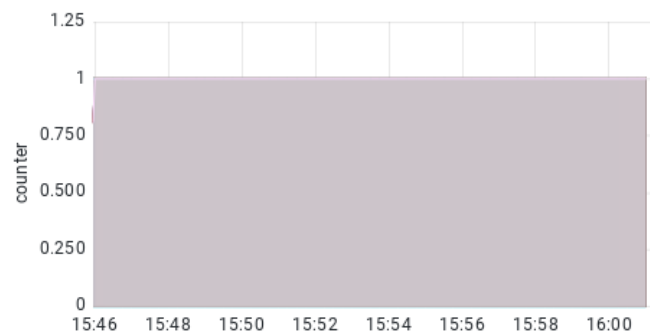
	min	max	avg	current
CPU 16 - Processed	3.15	1.23 K	605	284
CPU 15 - Processed	1.19	1.40 K	664	274
CPU 8 - Processed	2.33	1.22 K	587	271
CPU 0 - Processed	4.56	1.26 K	603	269

Softnet Out of Quota



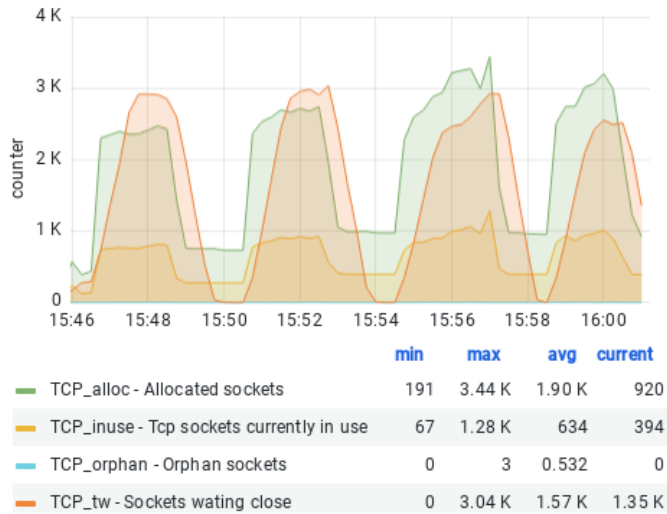
	min	max	avg	current
CPU 9 - Squeezed	0	0	0	0
CPU 8 - Squeezed	0	0	0	0
CPU 7 - Squeezed	0	0	0	0
CPU 6 - Squeezed	0	0	0	0

Network Operational Status

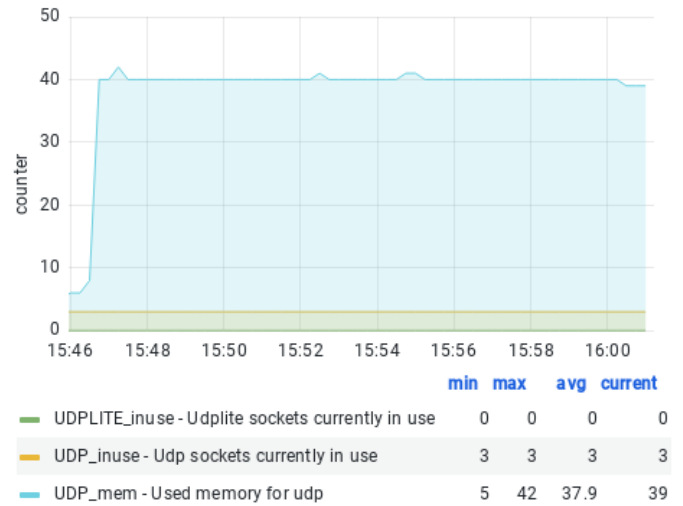


	min	max	avg	current
vethf4ae9f9 - Physical link state	0	1	0.984	1
vethf1c01f1 - Physical link state	1	1	1	1
vethe793ea8 - Physical link state	1	1	1	1
vethe48b3be - Physical link state	1	1	1	1

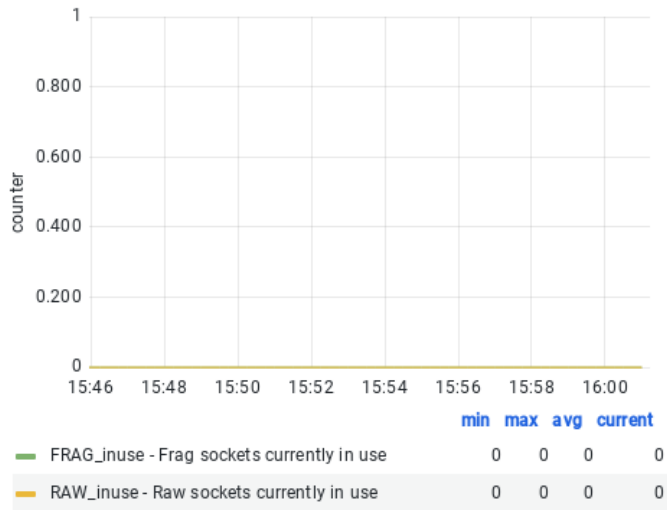
Sockstat TCP



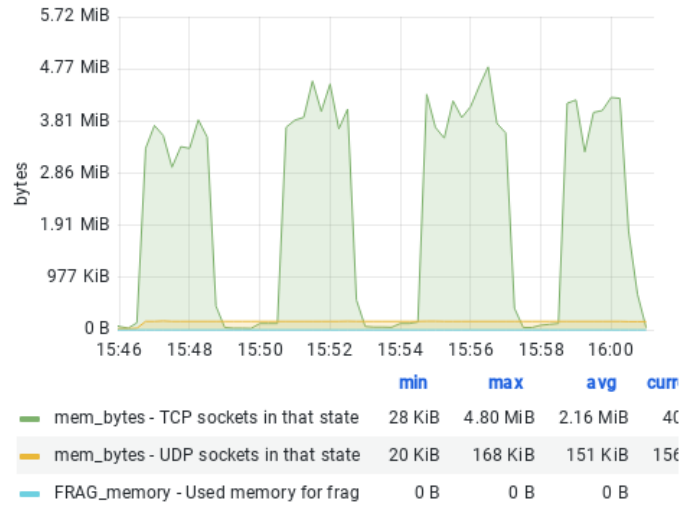
Sockstat UDP



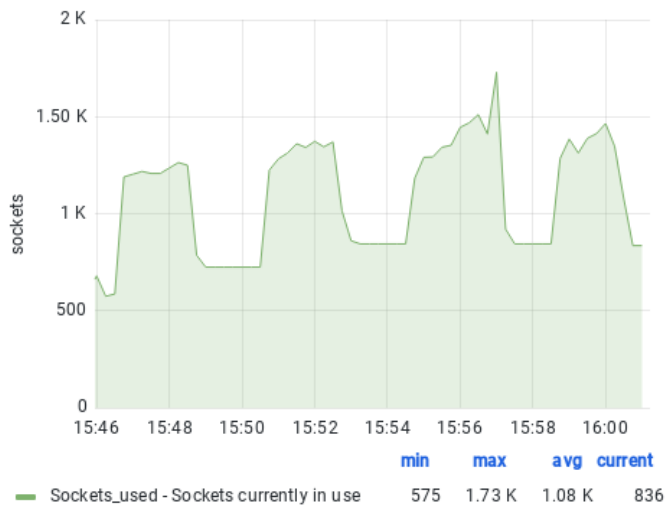
Sockstat FRAG / RAW



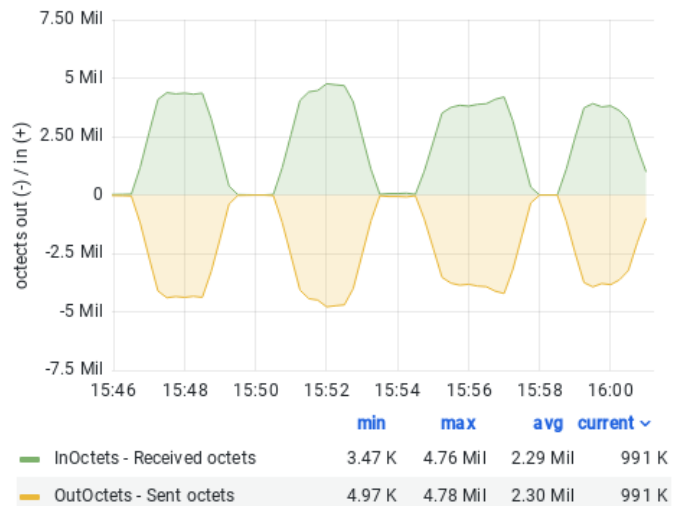
Sockstat Memory Size



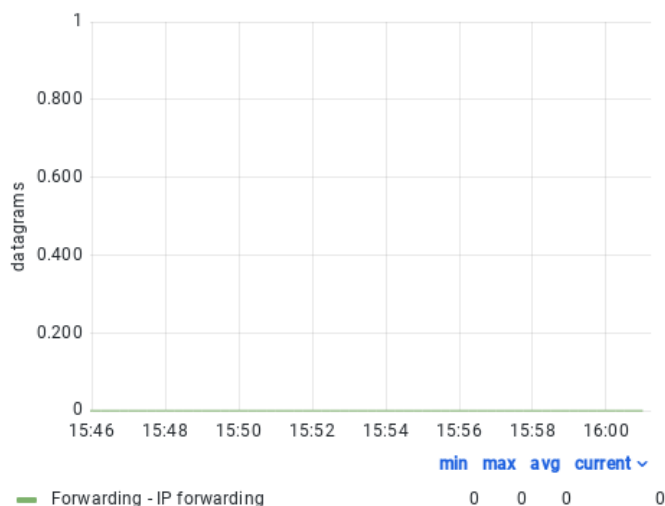
Sockstat Used



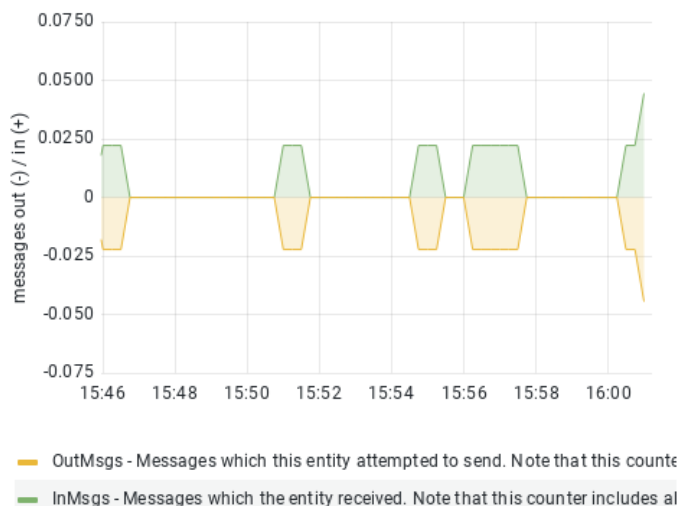
Netstat IP In / Out Octets



Netstat IP Forwarding



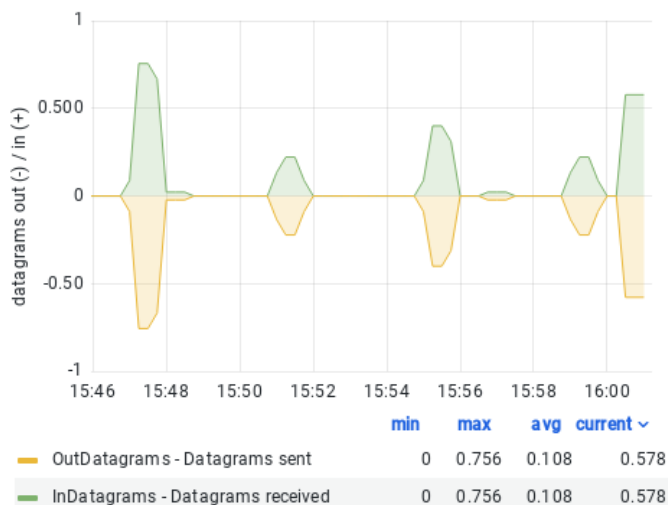
ICMP In / Out



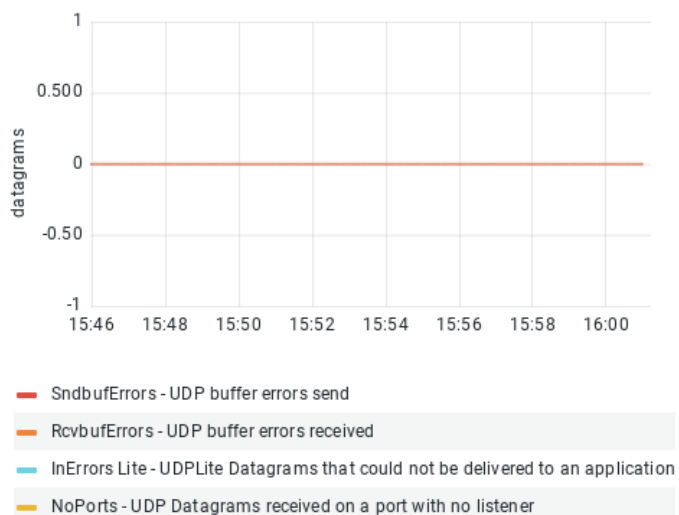
ICMP Errors



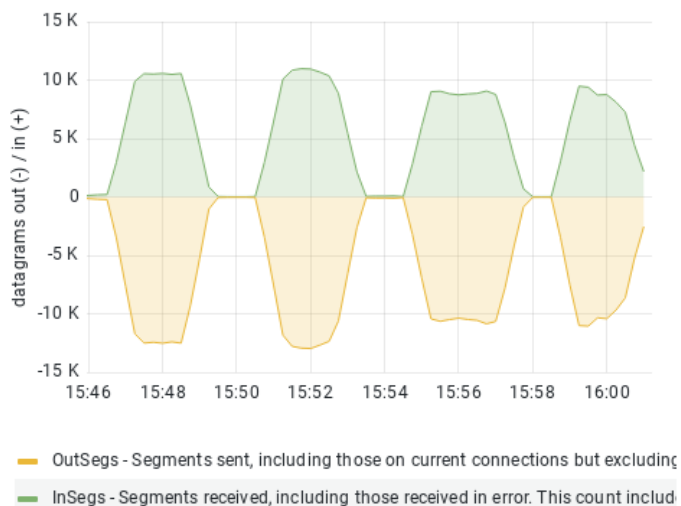
UDP In / Out



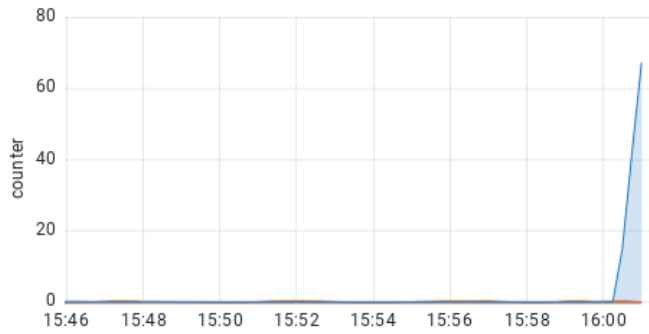
UDP Errors



TCP In / Out

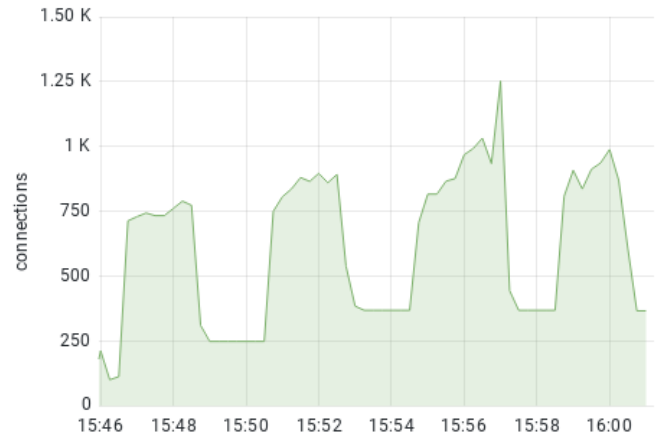


TCP Errors



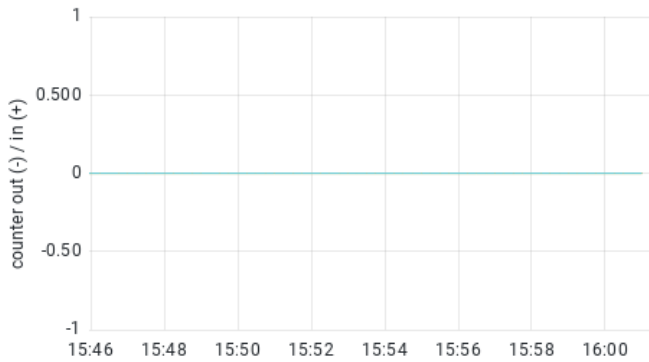
OutRsts - Segments sent with RST flag
 RetransSegs - Segments retransmitted - that is, the number of TCP segments tr
 InErrs - Segments received in error (e.g., bad TCP checksums)
 TCPSynRetrans - SYN-SYN/ACK retransmits to break down retransmissions in

TCP Connections



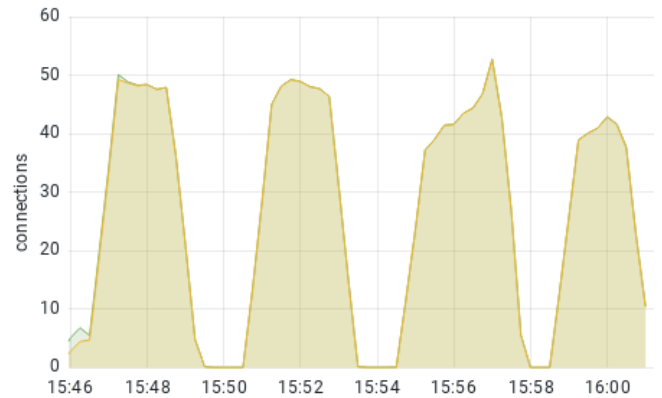
CurrEstab - TCP connections for which the current state is either ESTABLISHED

TCP SynCookie



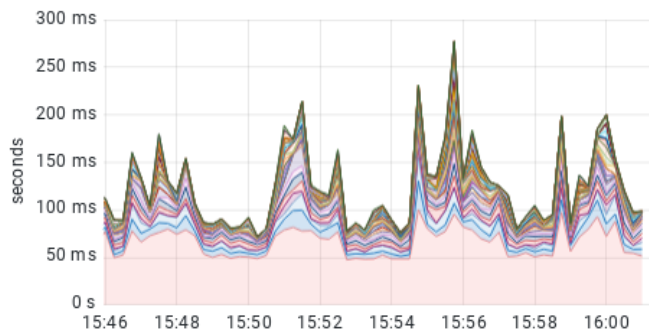
	min	max	avg	current
SyncookiesSent - SYN cookies sent	0	0	0	0
SyncookiesRecv - SYN cookies received	0	0	0	0
SyncookiesFailed - Invalid SYN cookies received	0	0	0	0

TCP Direct Transition



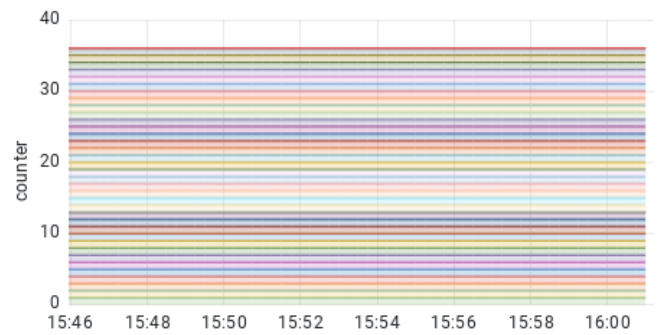
ActiveOpens - TCP connections that have made a direct transition to the SYN-S
 PassiveOpens - TCP connections that have made a direct transition to the SYN

Node Exporter Scrape Time



	min	max	avg	current
netclass - Scrape duration	47.5 ms	100 ms	65.7 ms	51.5
cpu - Scrape duration	2.90 ms	30.4 ms	8.10 ms	7.29
netdev - Scrape duration	1.92 ms	24.7 ms	7.30 ms	6.90
schedstat - Scrape duration	344 μ s	10.4 ms	1.98 ms	4.78

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