

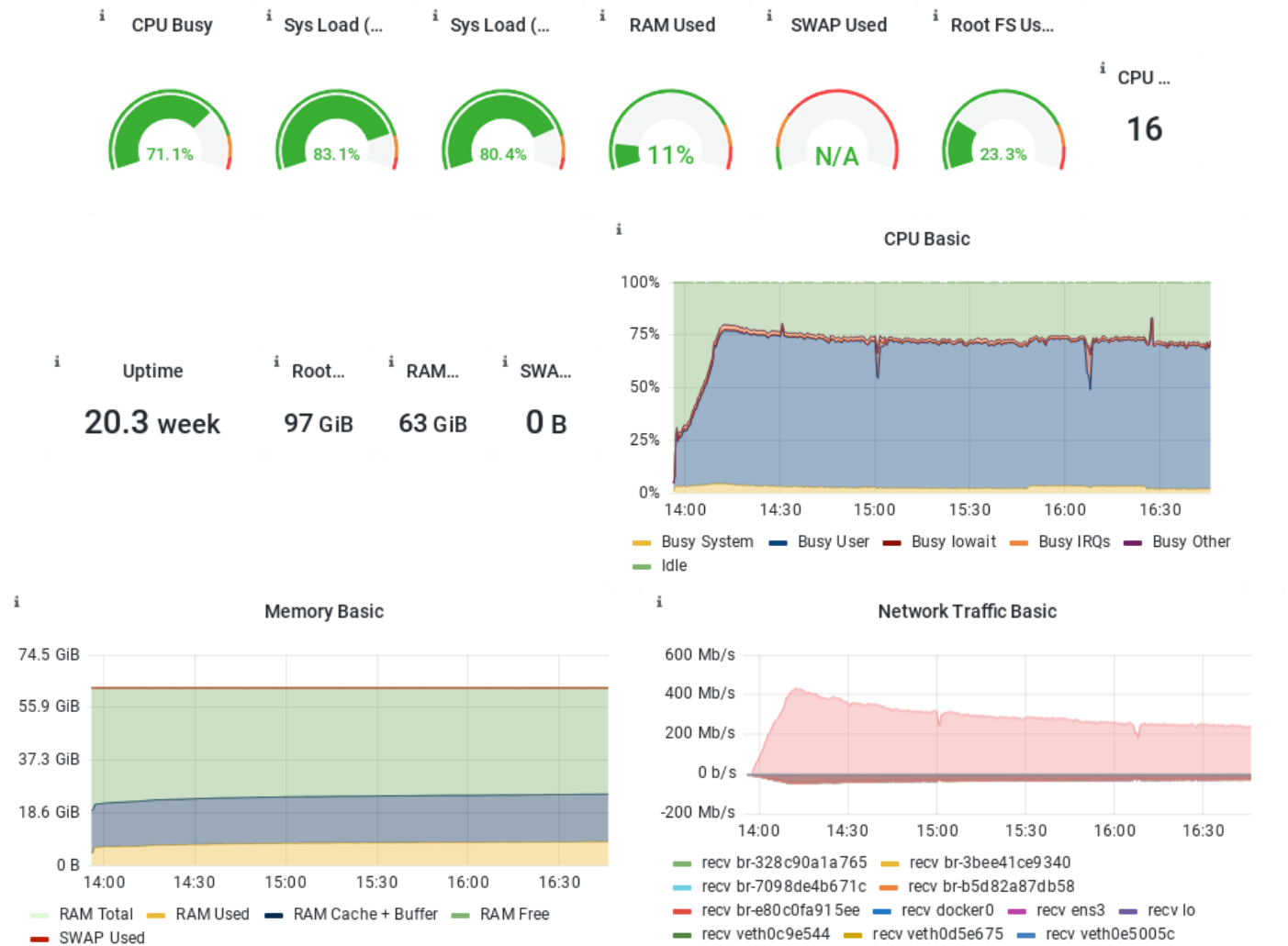
# Host Metrics

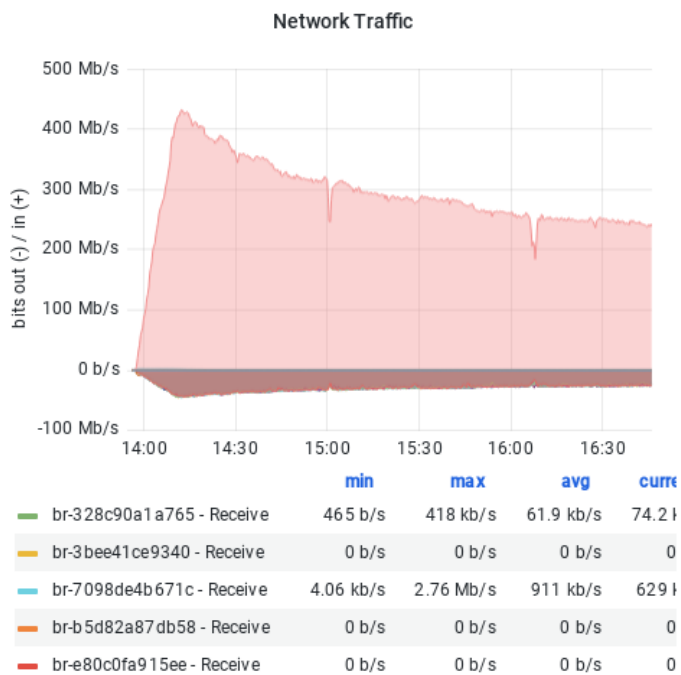
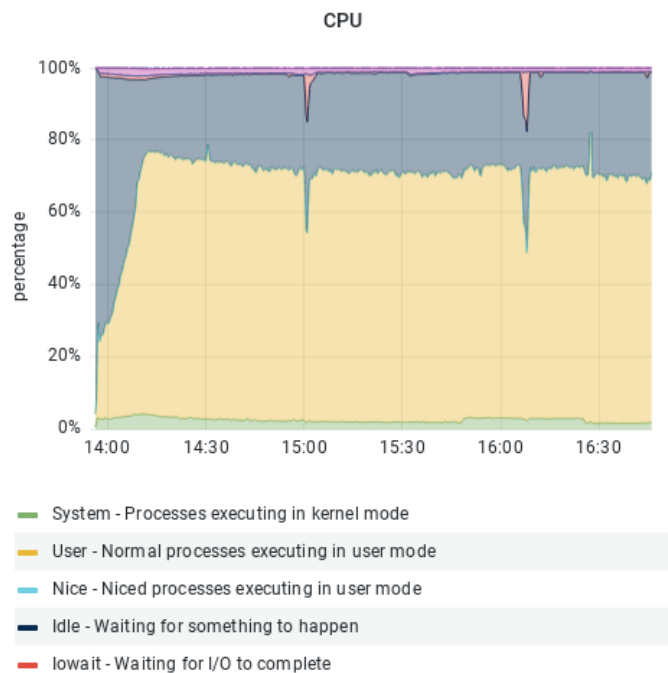
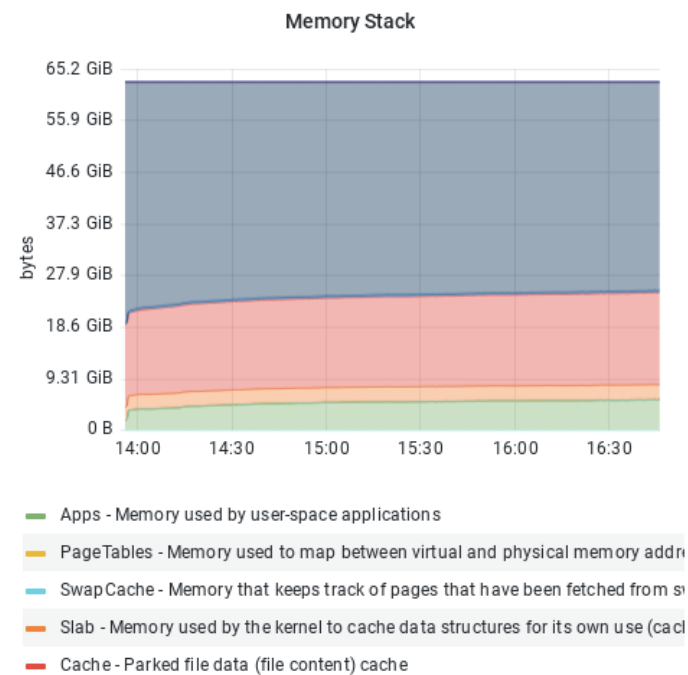
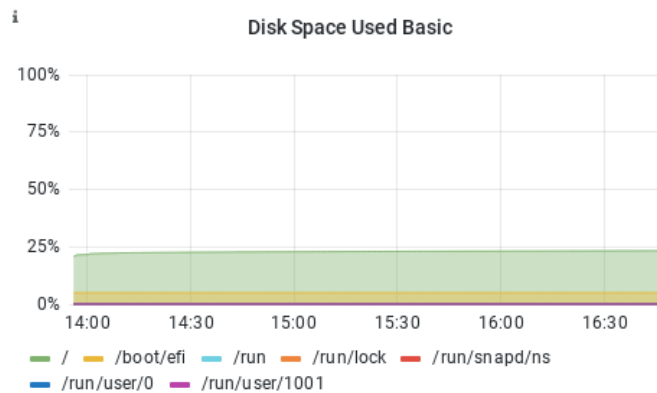
The dashboard visualizes host metrics collected by node\_exporter. (based on: <https://grafana.com/grafana/dashboards/1860>)

Thu Mar 3 13:54:36 UTC 2022

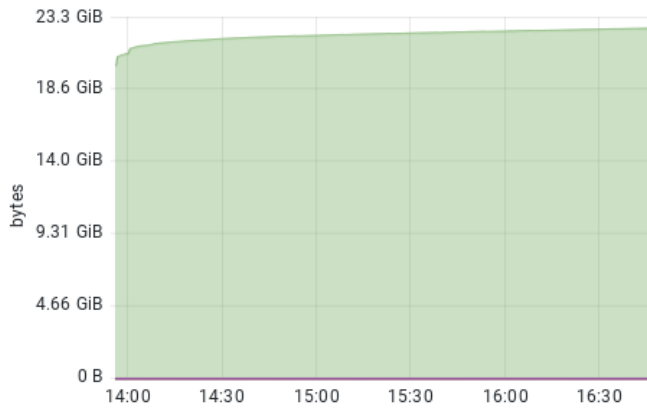
to

Thu Mar 3 16:46:09 UTC 2022



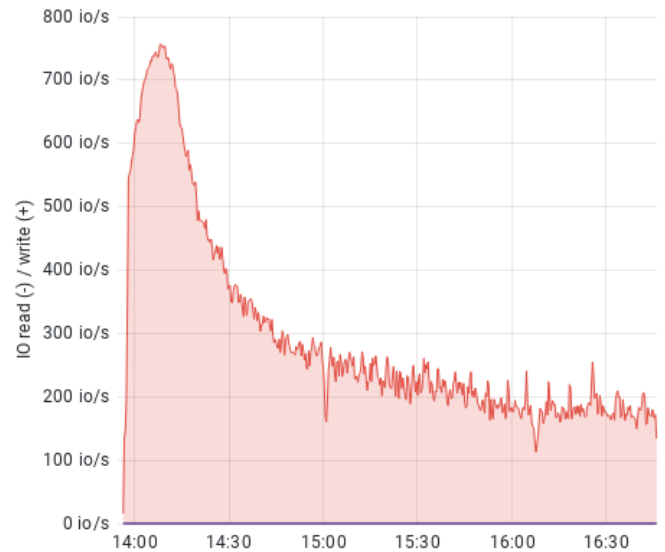


Disk Space Used



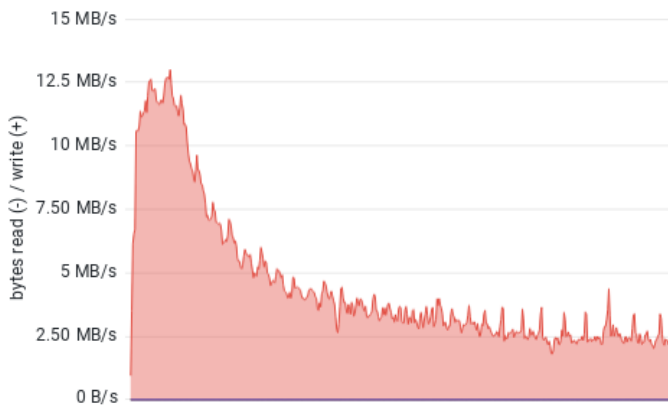
	min	max	avg	current ^
/run/lock	0 B	0 B	0 B	0 B
/run/user/0	0 B	0 B	0 B	0 B
/run/user/1001	0 B	0 B	0 B	0 B
/run	2.176 MiB	3.707 MiB	3.700 MiB	3.703 MiB
/run/snapd/ns	2.176 MiB	3.707 MiB	3.700 MiB	3.703 MiB

Disk IOps



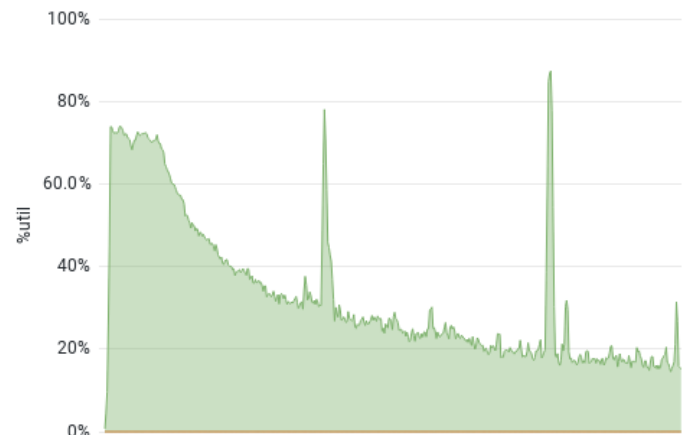
	min	max	avg	current
vda - Writes completed	15.7 io/s	757 io/s	294 io/s	134 io/s

I/O Usage Read / Write



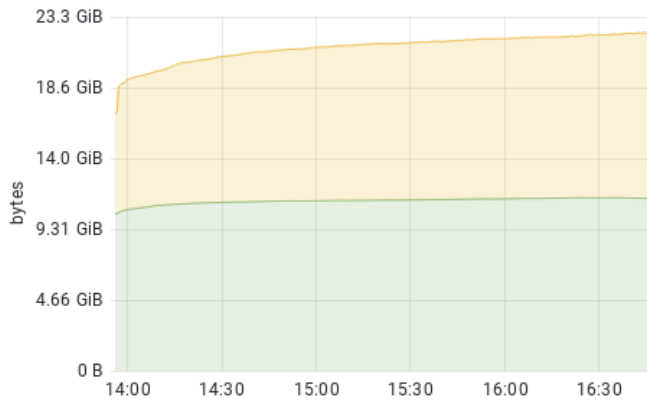
	min	max	avg
vda - Successfully read bytes	0 B/s	0 B/s	0 B/s
vdb - Successfully read bytes	0 B/s	0 B/s	0 B/s
vdc - Successfully read bytes	0 B/s	0 B/s	0 B/s
vdd - Successfully read bytes	0 B/s	0 B/s	0 B/s
vda - Successfully written bytes	947.412 kB/s	12.995 MB/s	4.499 MB/s

I/O Utilization



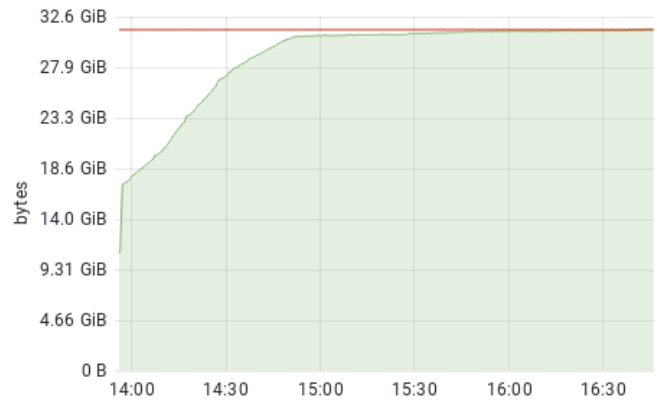
	min	max	avg	current
vda	0.720%	87.342%	32.733%	15.156%
vdb	0%	0%	0%	0%
vdc	0%	0%	0%	0%
vdd	0%	0%	0%	0%

### Memory Active / Inactive



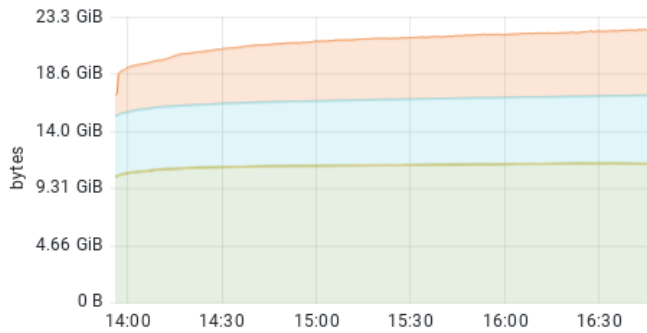
- Inactive - Memory which has been less recently used. It is more eligible to be re
- Active - Memory that has been used more recently and usually not reclaimed u

### Memory Committed



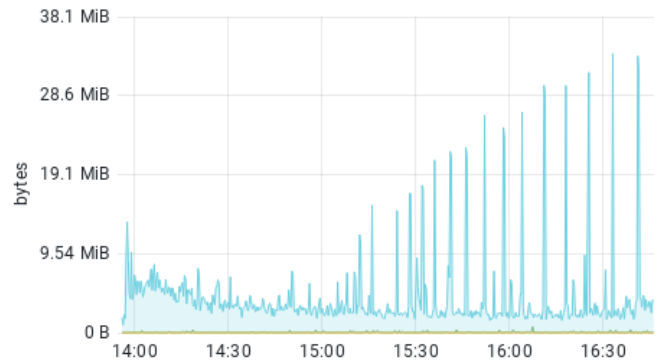
- Committed\_AS - Amount of memory presently allocated on the system
- CommitLimit - Amount of memory currently available to be allocated on the sy

### 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)

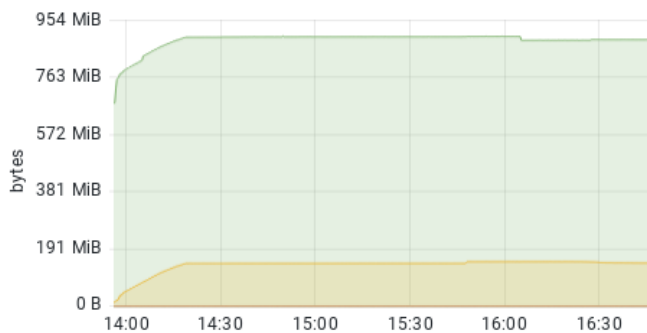
### Memory Writeback and Dirty



- 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

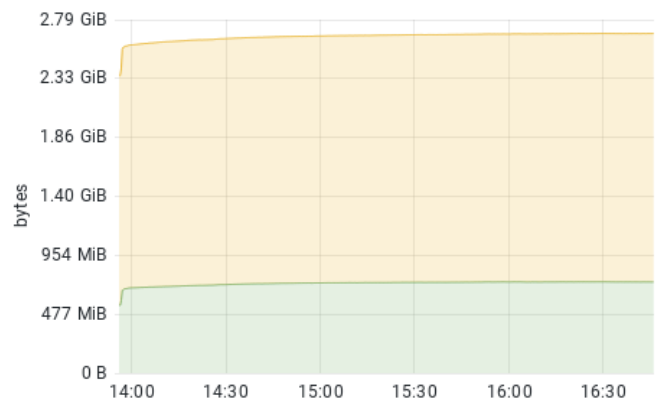
972.

### 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

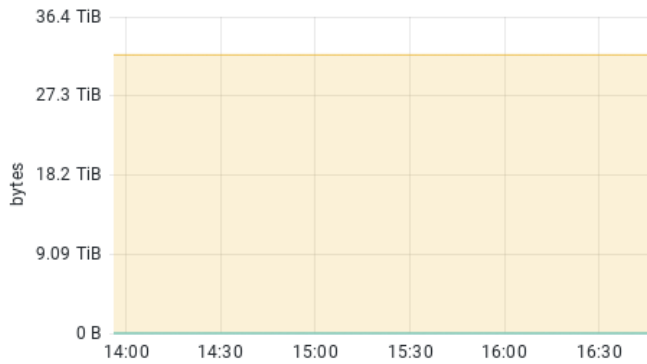
### Memory Slab



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

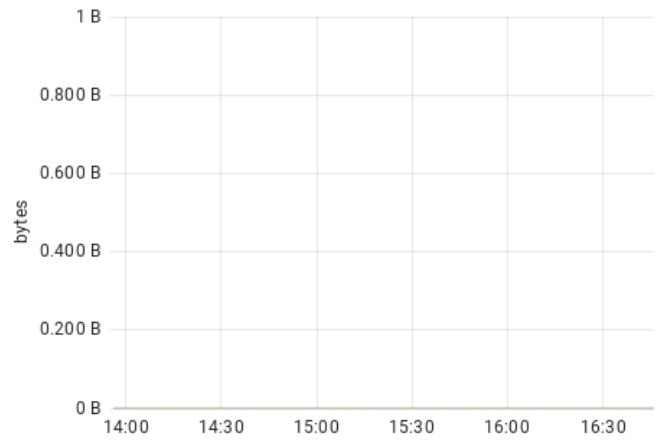
54

Memory Vmalloc



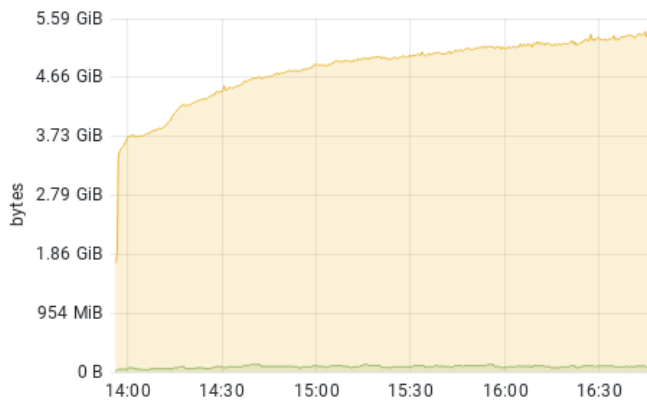
VmallocChunk - Largest contiguous block of vmalloc area which is free	
VmallocTotal - Total size of vmalloc memory area	32.0
VmallocUsed - Amount of vmalloc area which is used	30.9

Memory Bounce



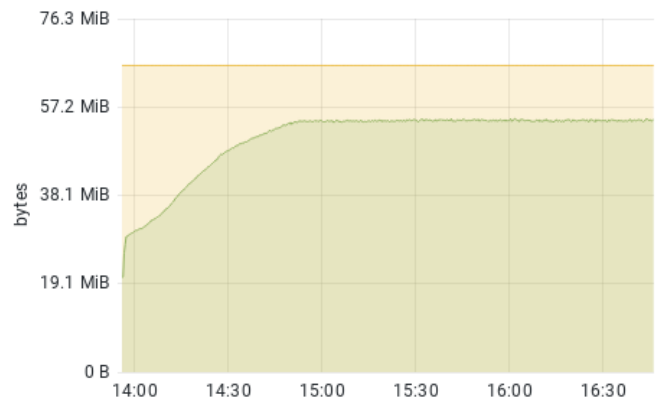
Bounce - Memory used for block device bounce buffers	0 B	0 B	0 B
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Memory Anonymous



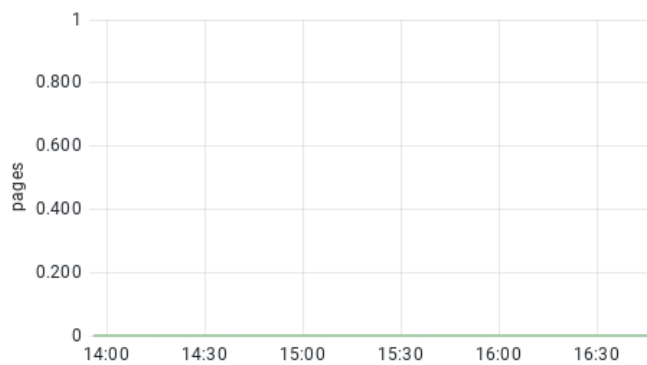
AnonHugePages - Memory in anonymous huge pages	16.00 MiB	124.00
AnonPages - Memory in user pages not backed by files	1.72 GiB	5.39

Memory Kernel / CPU



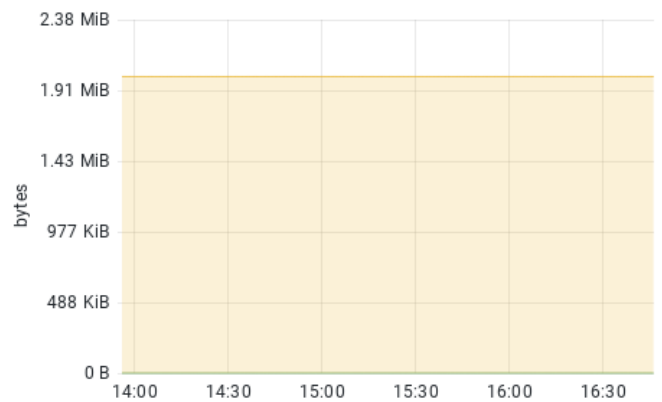
KernelStack - Kernel memory stack. This is not reclaimable	20.3
PerCPU - Per CPU memory allocated dynamically by loadable modules	66.1

Memory HugePages Counter



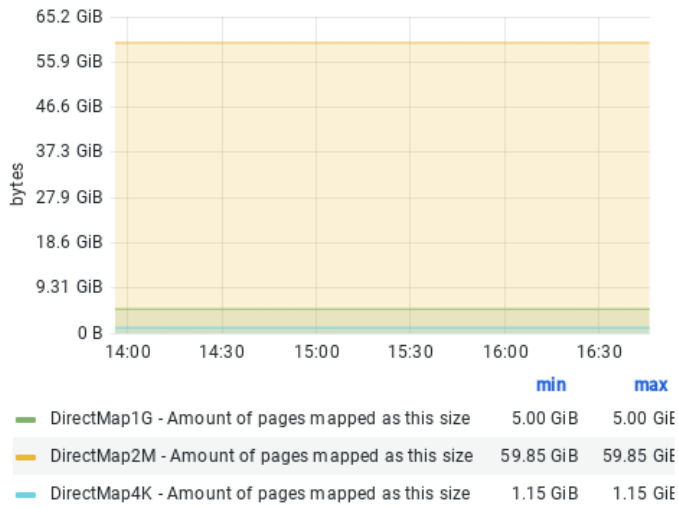
HugePages_Free - Huge pages in the pool that are not yet allocated	
HugePages_Rsvd - Huge pages for which a commitment to allocate from the pool has been made	
HugePages_Surp - Huge pages in the pool above the value in /proc/sys/vm/nr_hugepages	

Memory HugePages Size

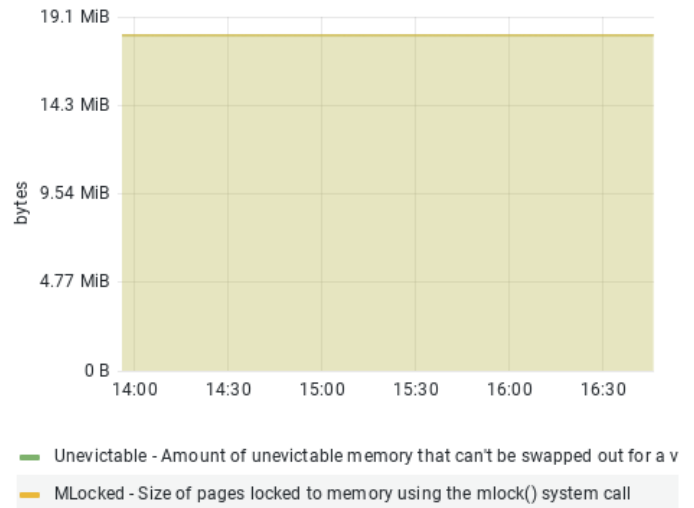


HugePages - Total size of the pool of huge pages	0 B	0 B
Hugepagesize - Huge Page size	2.00 MiB	2.00 MiB

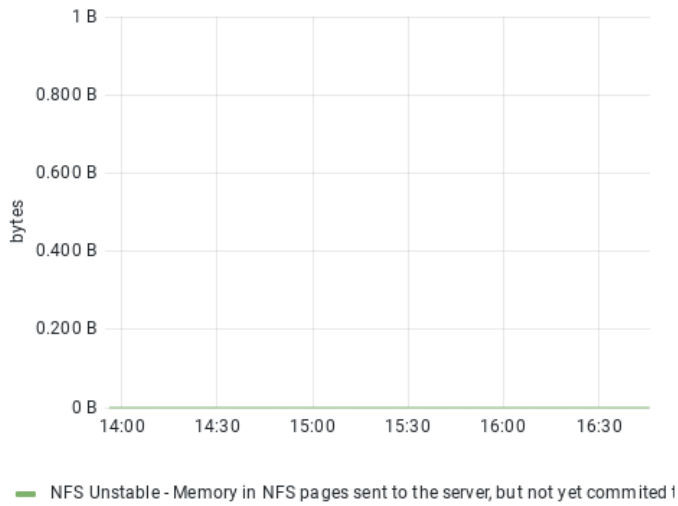
Memory DirectMap



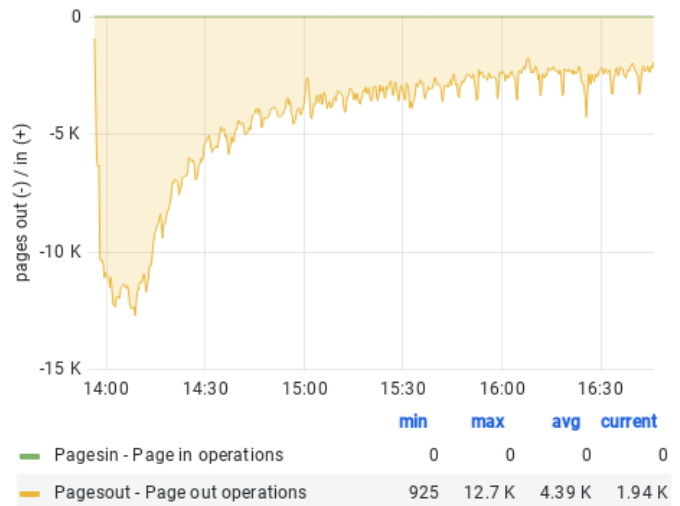
Memory Unevictable and MLocked



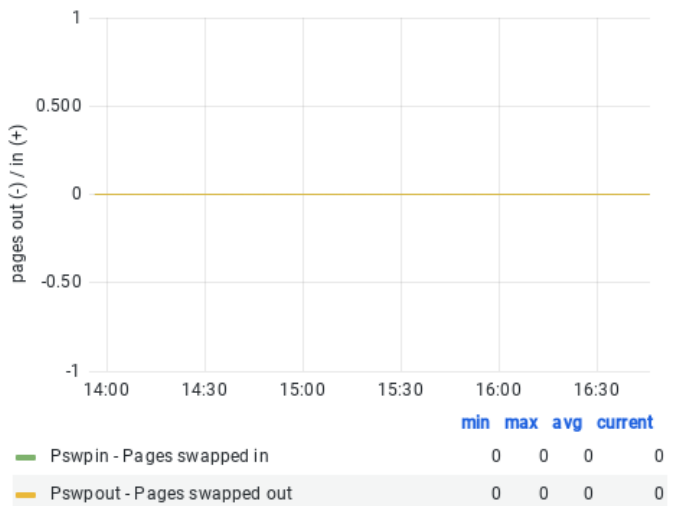
Memory NFS



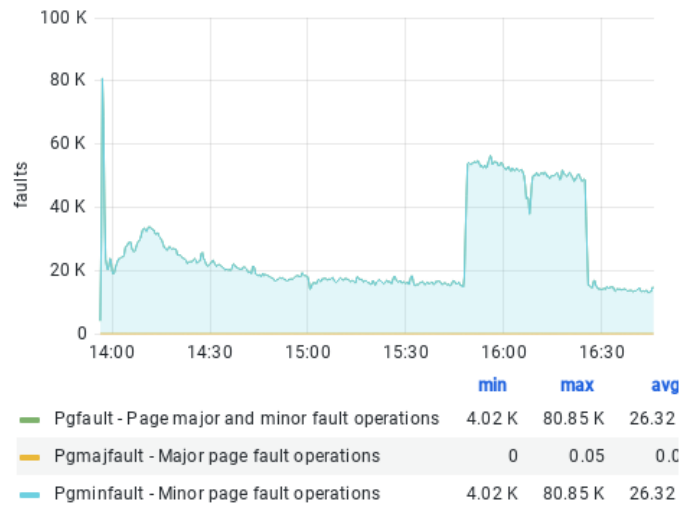
Memory Pages In / Out



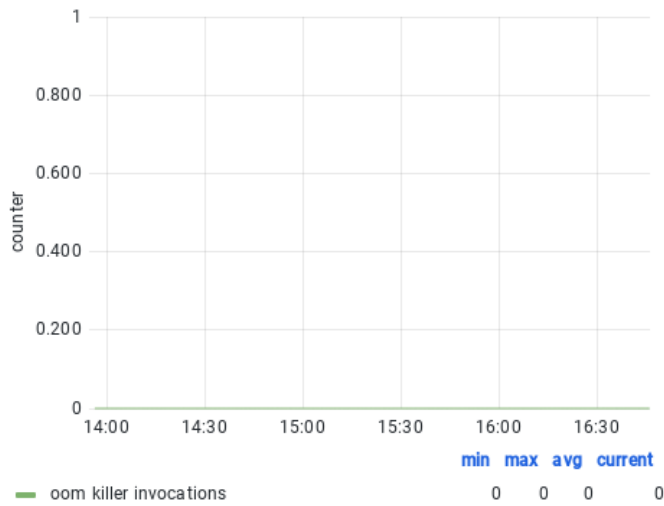
Memory Pages Swap In / Out



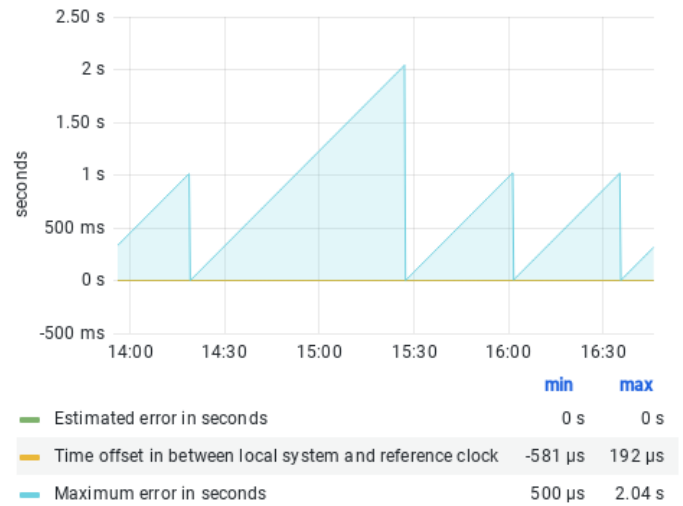
Memory Page Faults



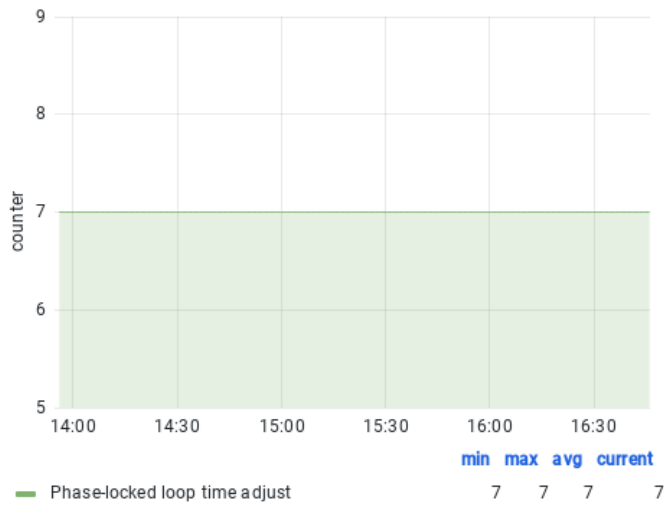
OOM Killer



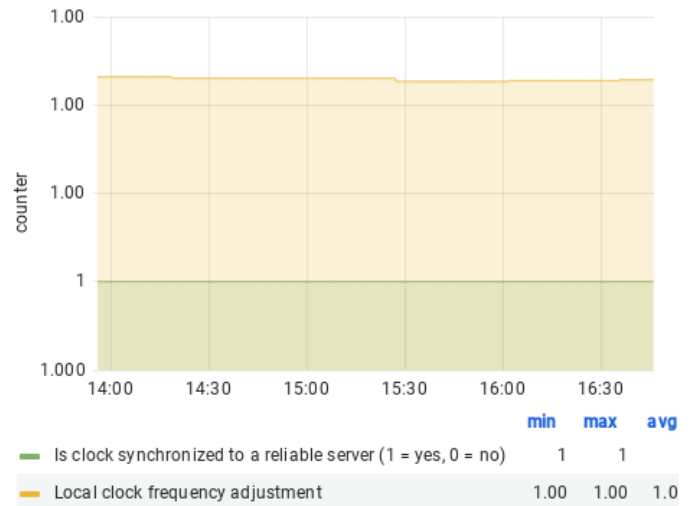
Time Synchronized Drift



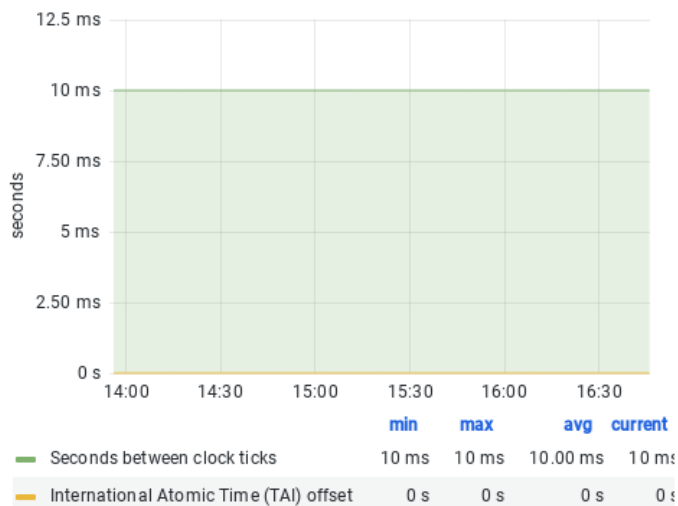
Time PLL Adjust



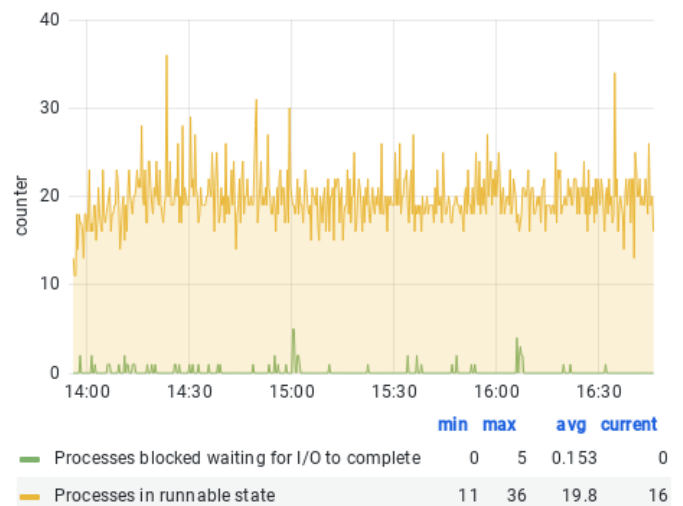
Time Synchronized Status

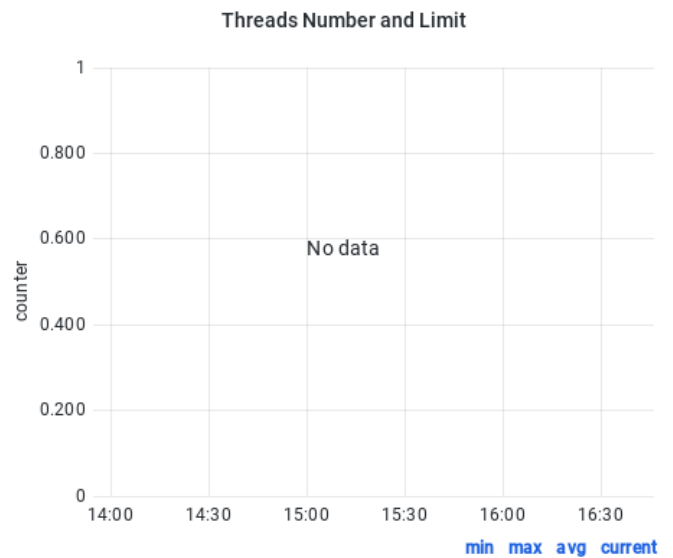
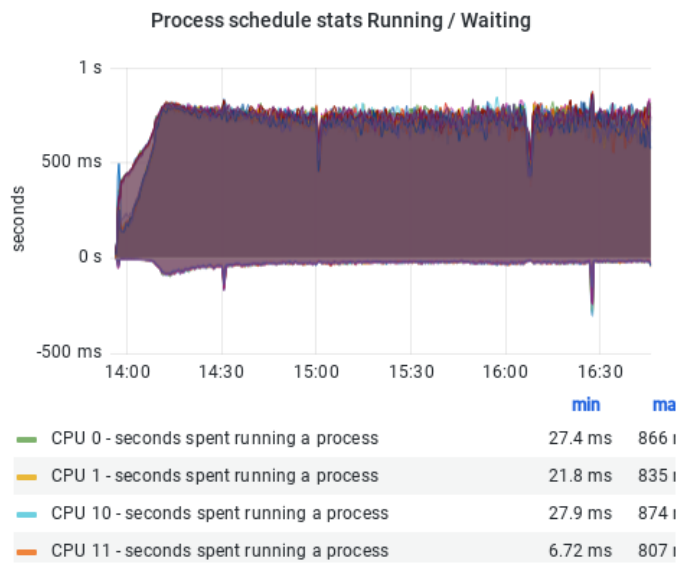
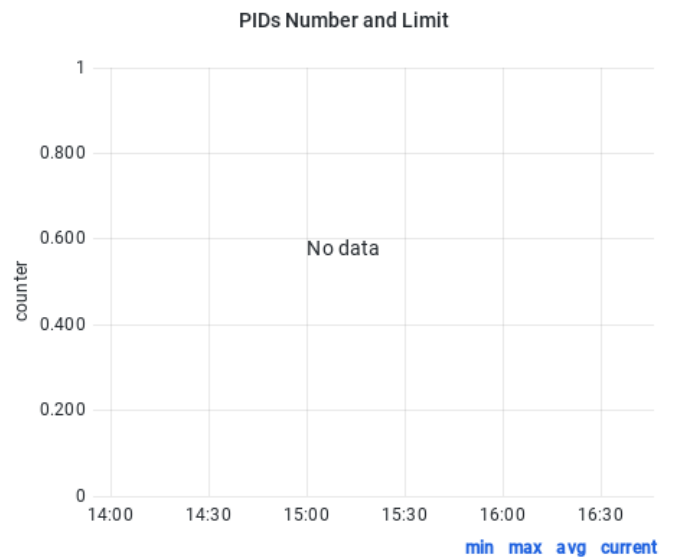
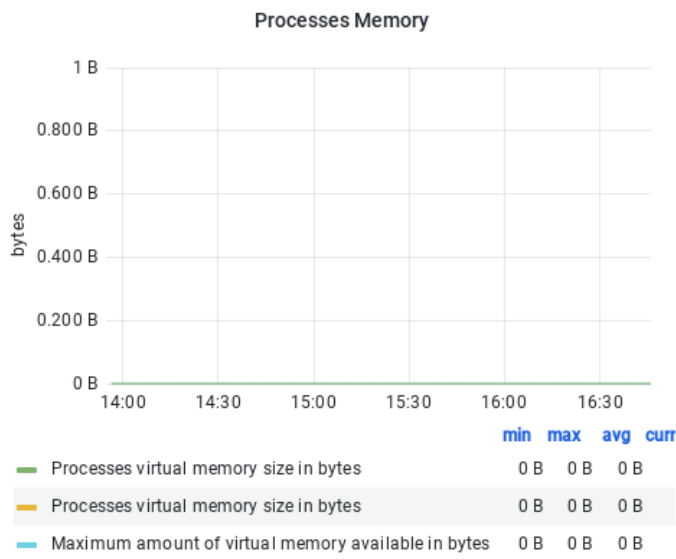
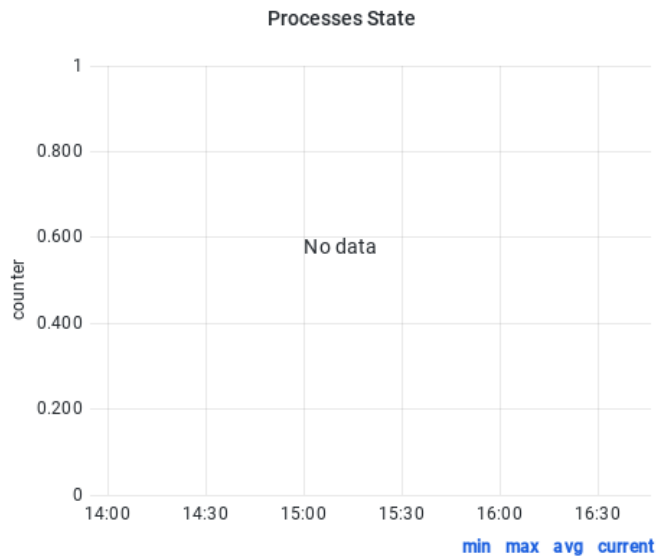


Time Misc



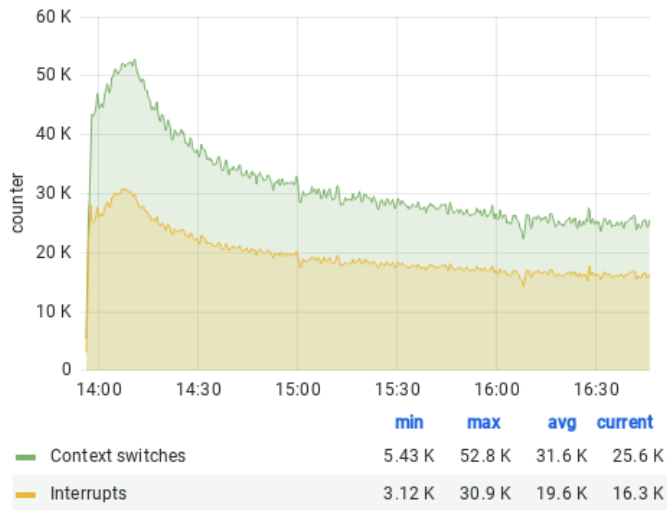
Processes Status



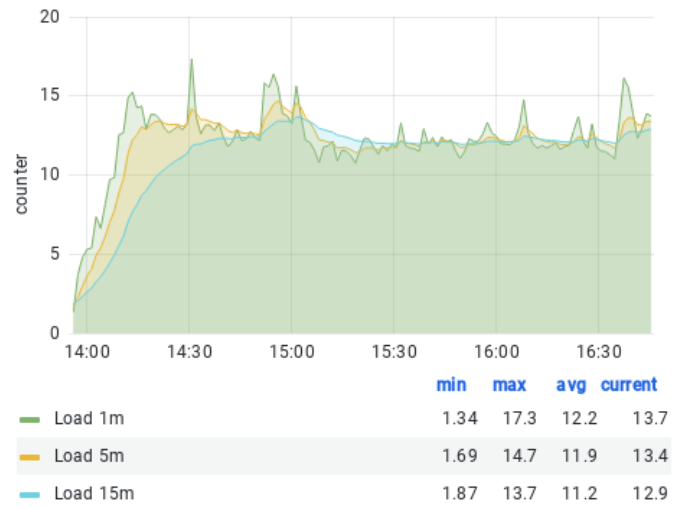




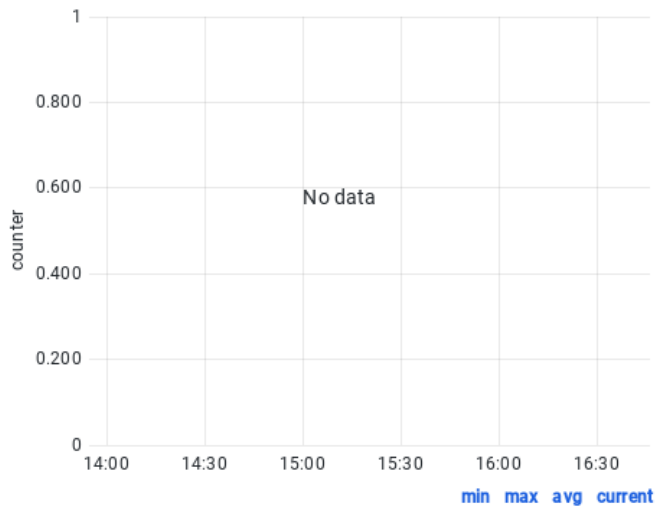
Context Switches / Interrupts



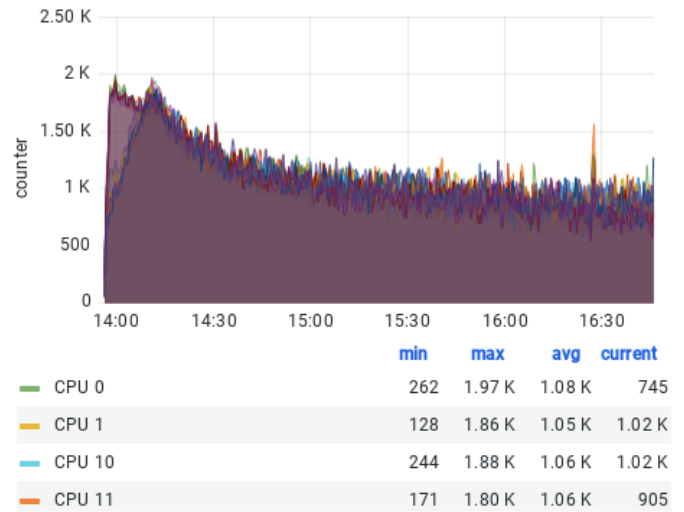
System Load



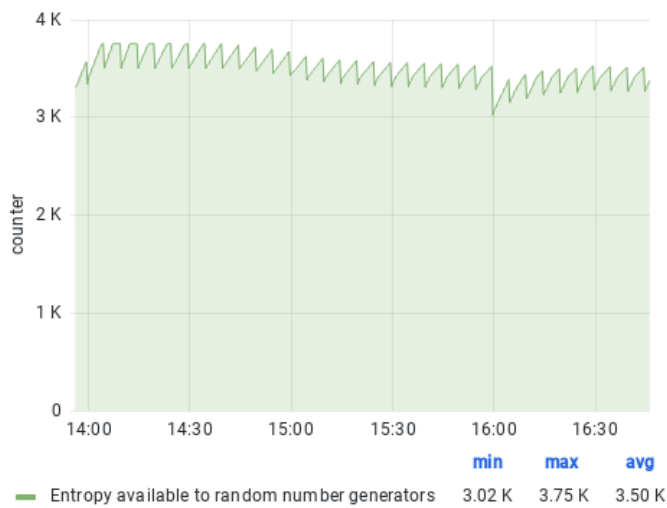
Interrupts Detail



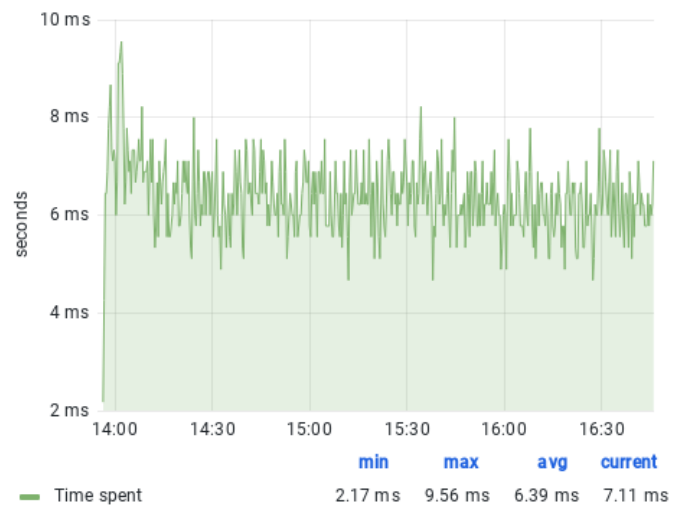
Schedule timeslices executed by each cpu



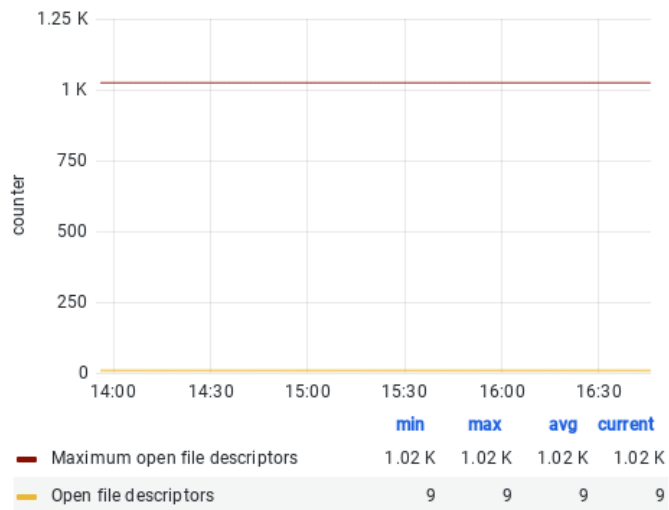
Entropy



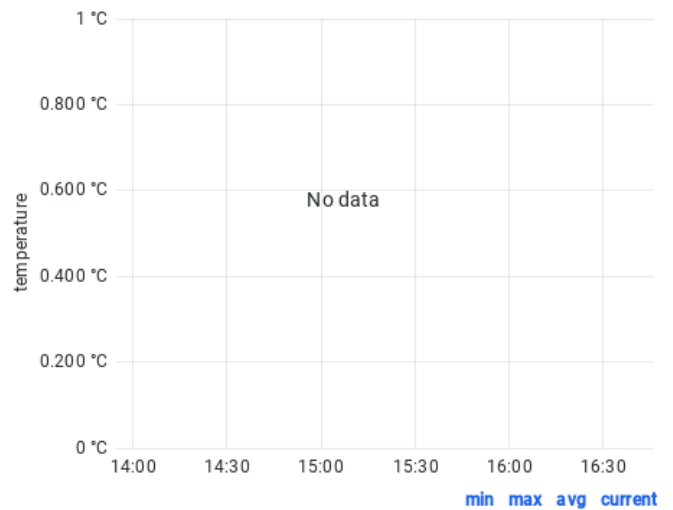
CPU time spent in user and system contexts



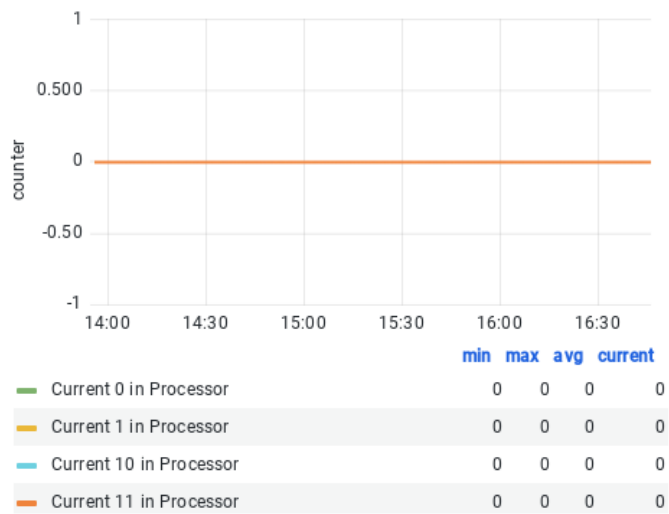
File Descriptors



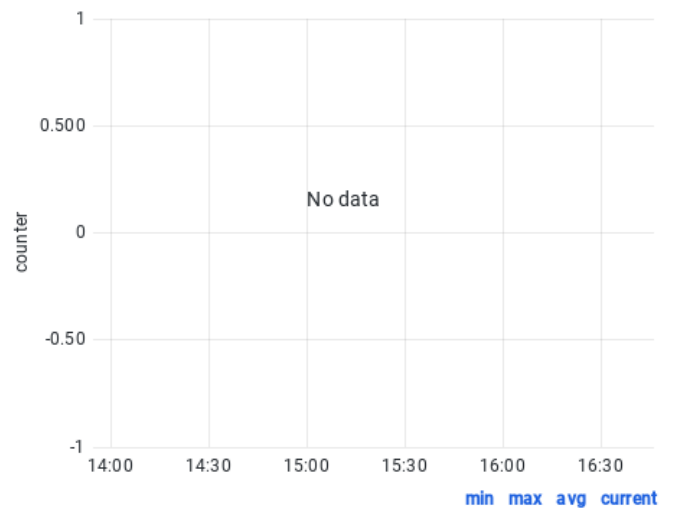
Hardware temperature monitor



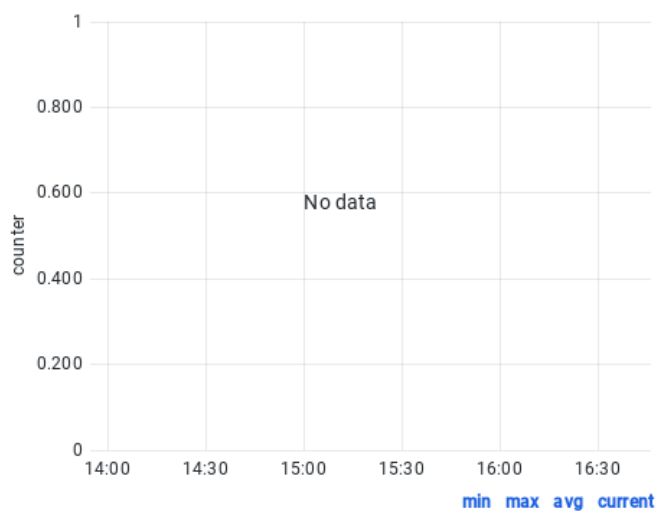
Throttle cooling device



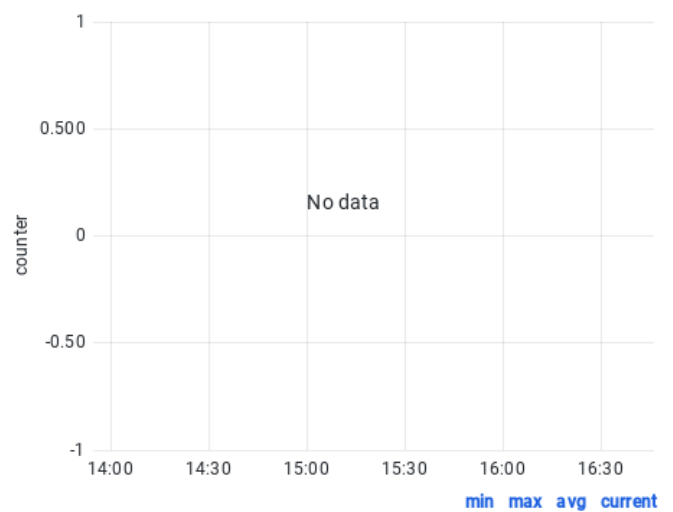
Power supply

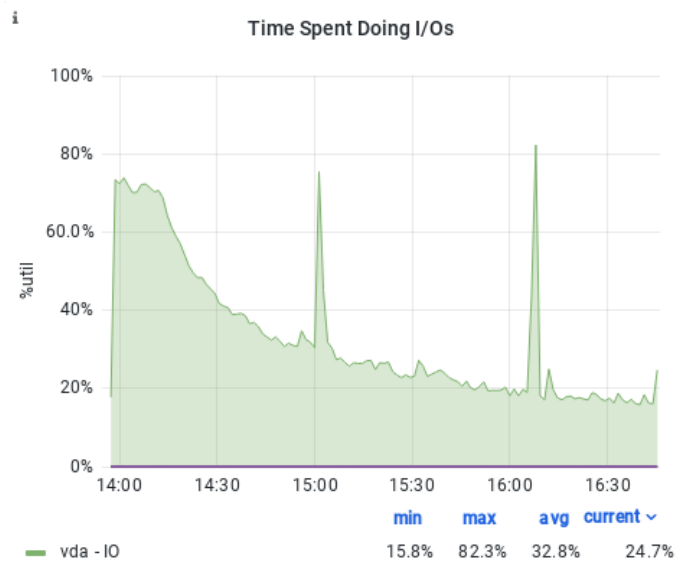
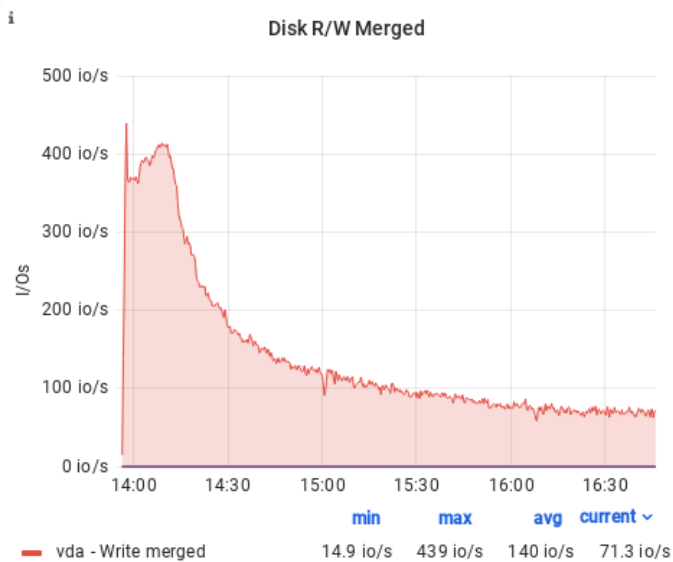
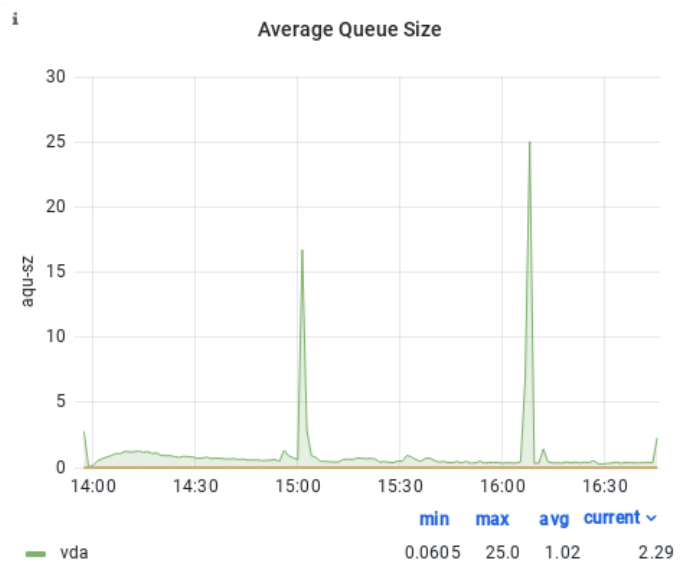
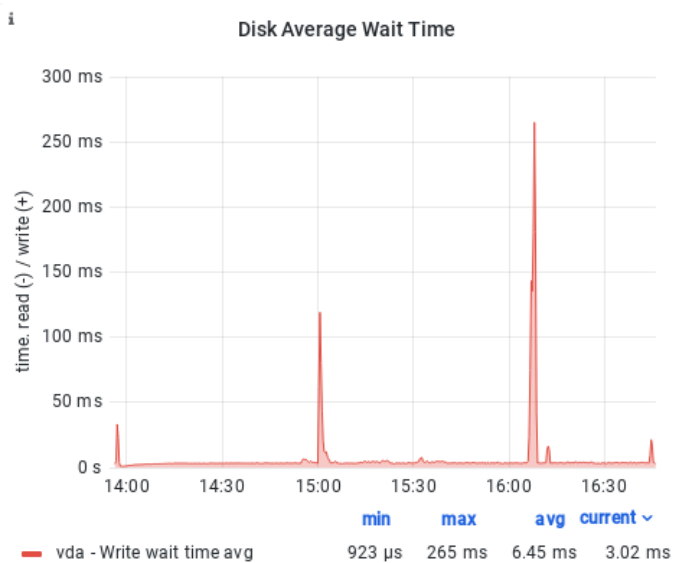
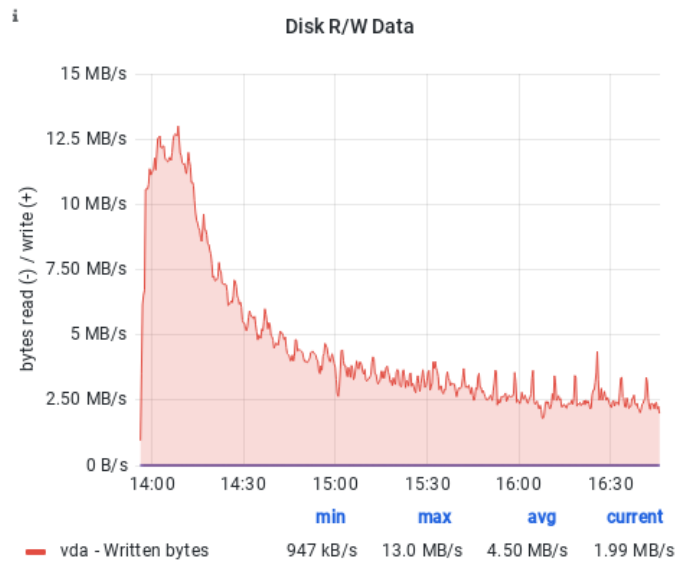
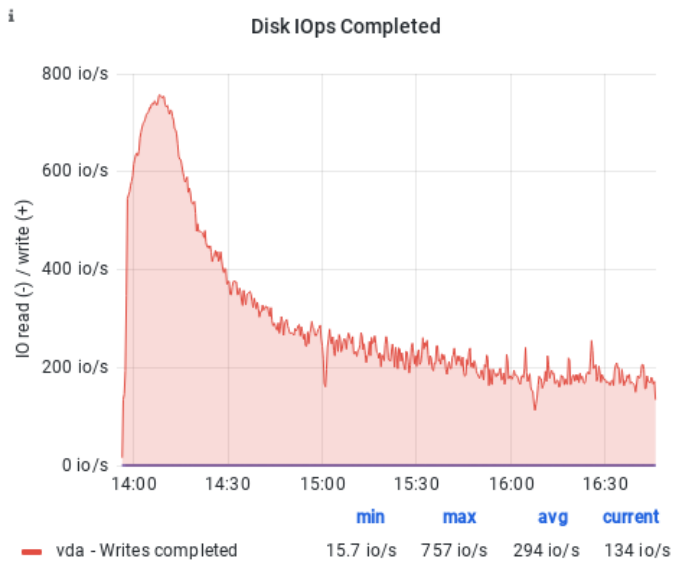


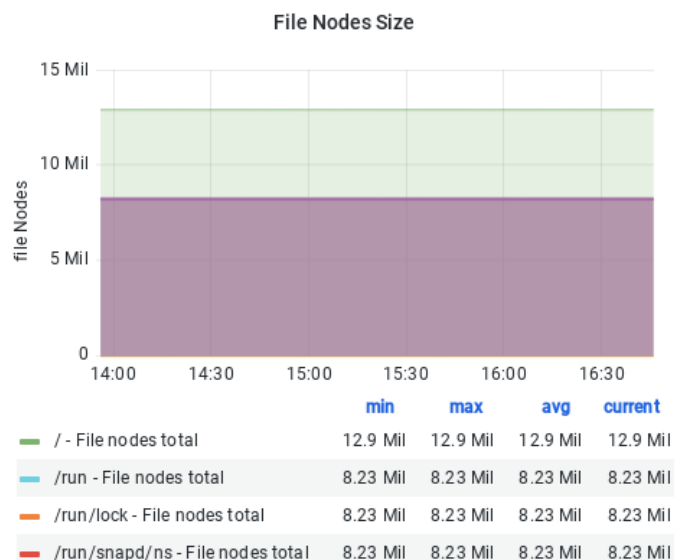
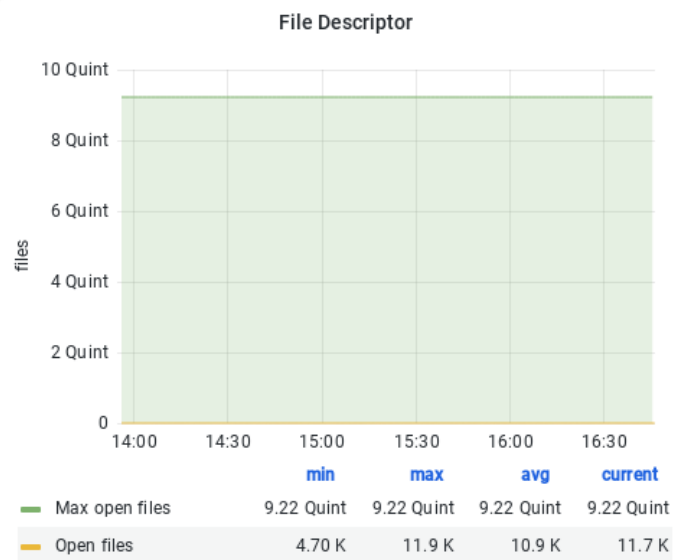
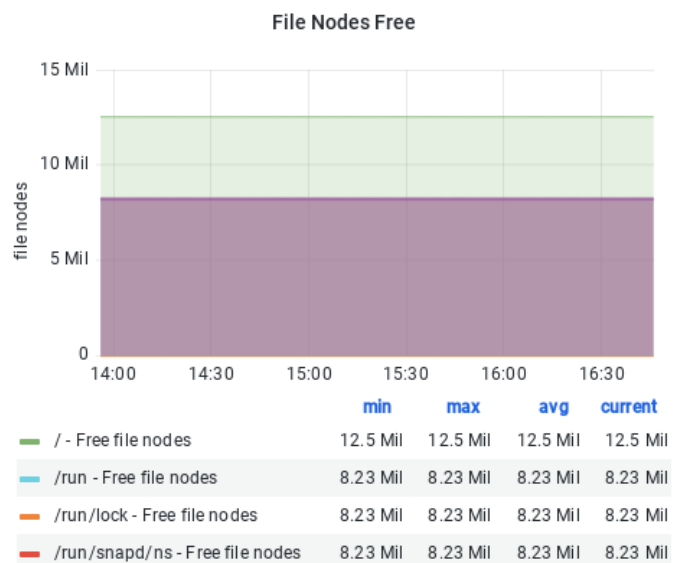
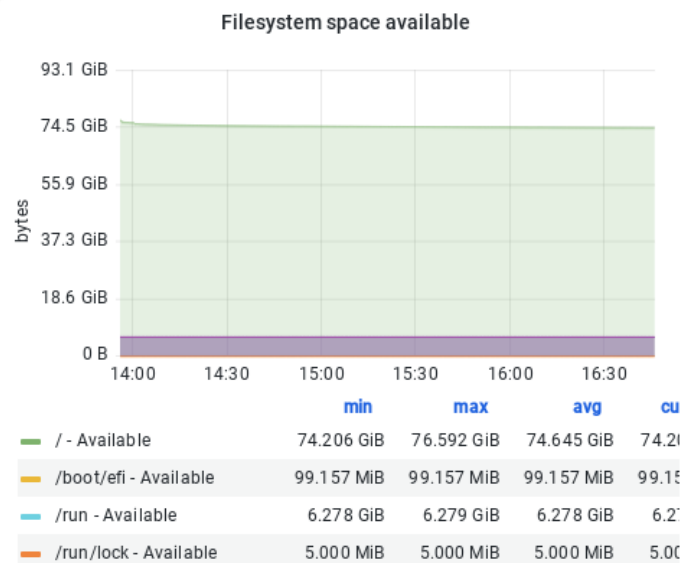
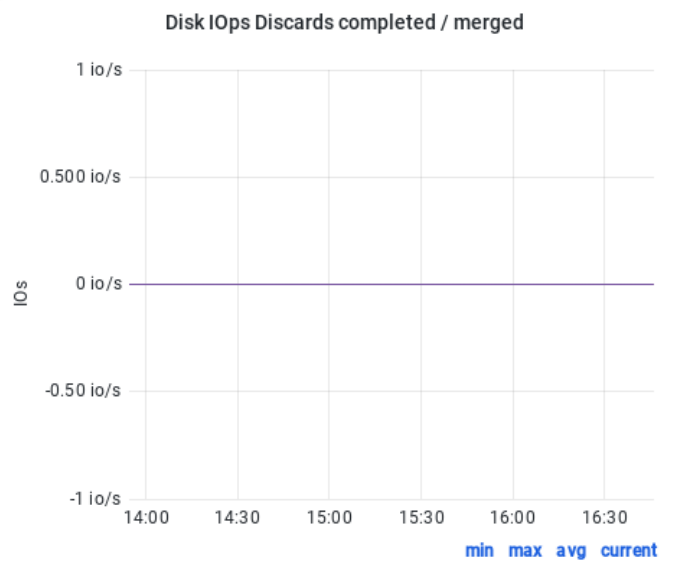
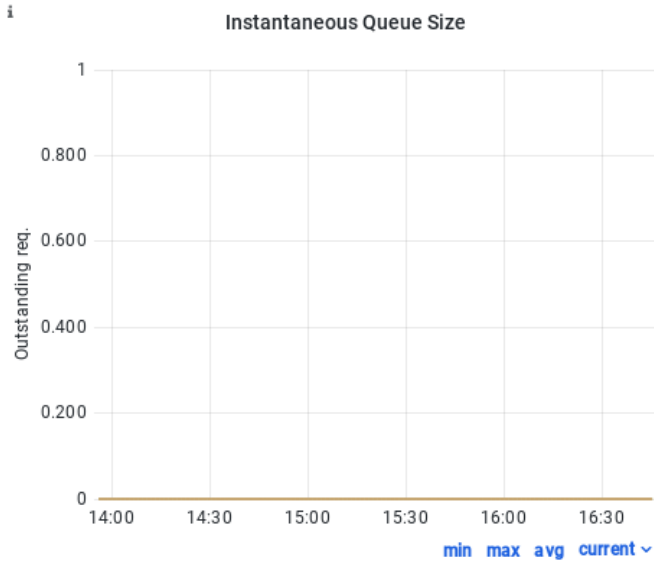
Systemd Sockets



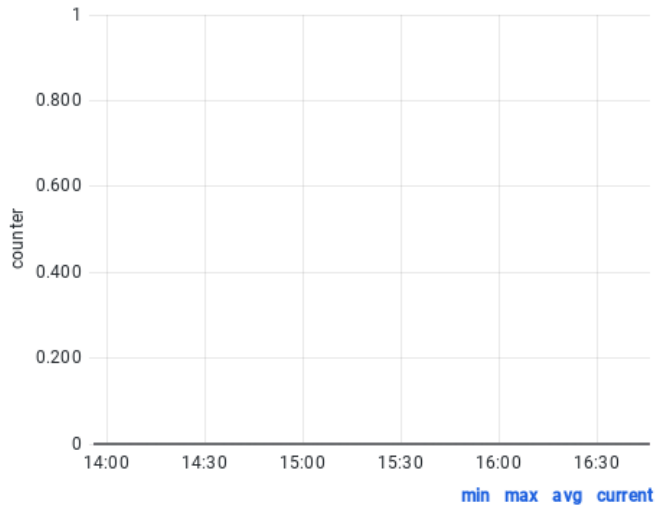
Systemd Units State



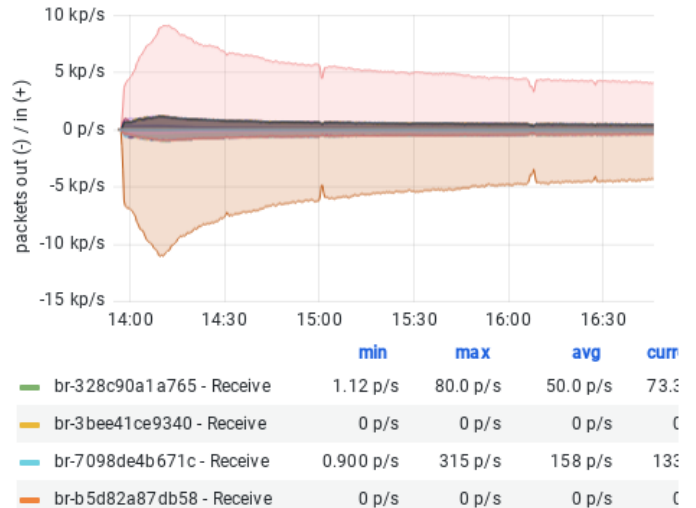




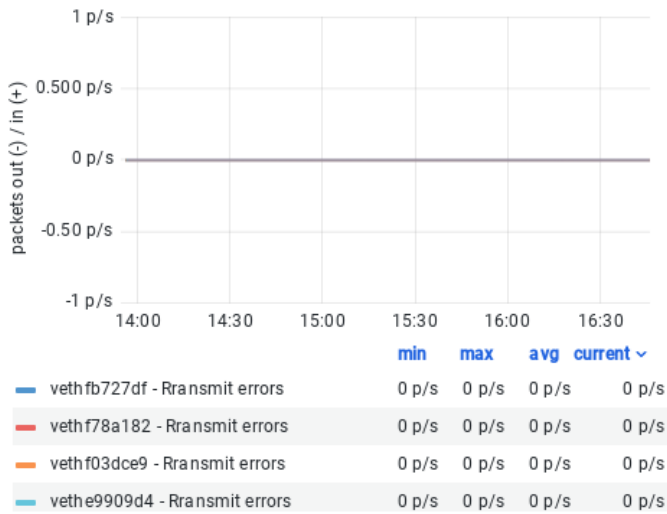
Filesystem in ReadOnly / Error



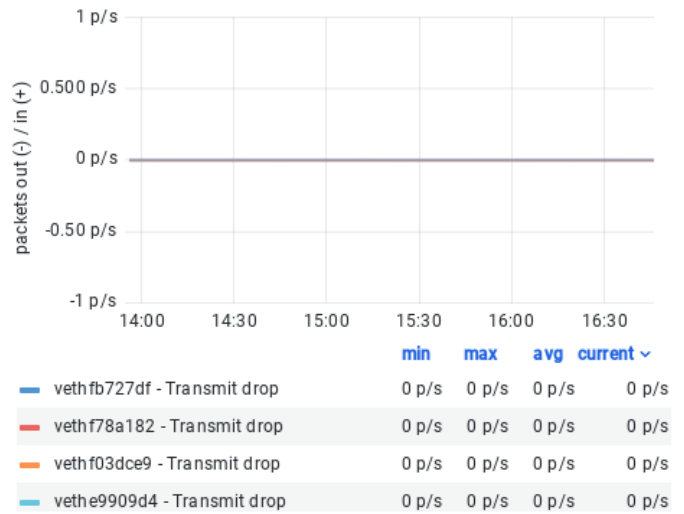
Network Traffic by Packets



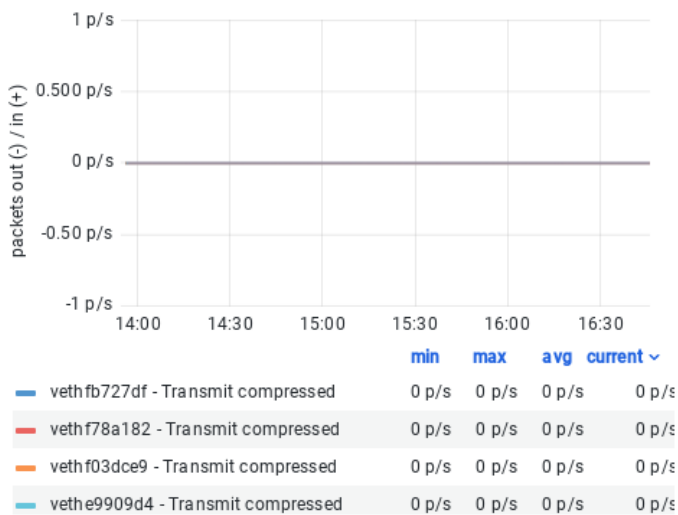
Network Traffic Errors



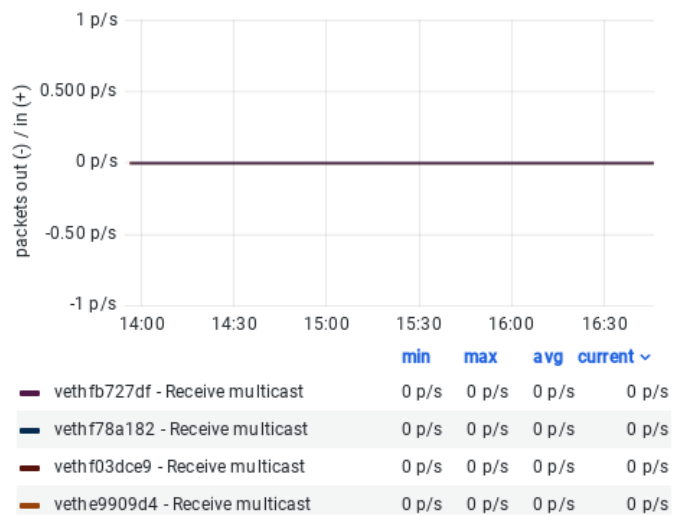
Network Traffic Drop



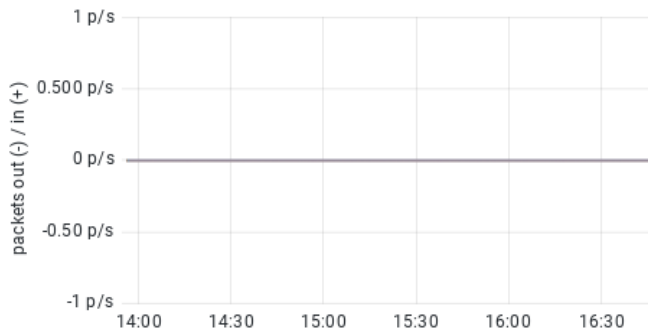
Network Traffic Compressed



Network Traffic Multicast

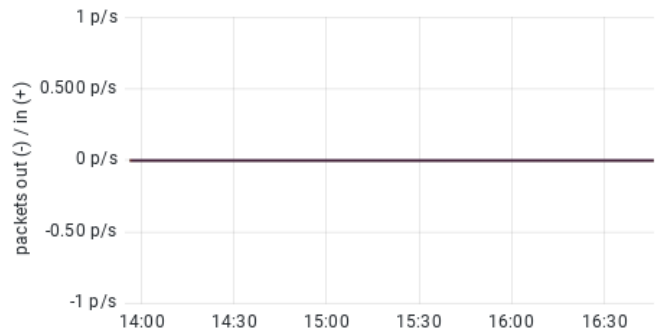


Network Traffic Fifo



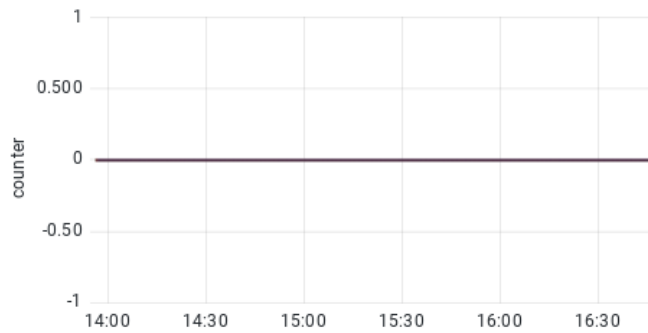
	min	max	avg	current
vethfb727df - Transmit fifo	0 p/s	0 p/s	0 p/s	0 p/s
vethf78a182 - Transmit fifo	0 p/s	0 p/s	0 p/s	0 p/s
vethf03dce9 - Transmit fifo	0 p/s	0 p/s	0 p/s	0 p/s
vethe9909d4 - Transmit fifo	0 p/s	0 p/s	0 p/s	0 p/s

Network Traffic Frame



	min	max	avg	current
vethfb727df - Receive frame	0 p/s	0 p/s	0 p/s	0 p/s
vethf78a182 - Receive frame	0 p/s	0 p/s	0 p/s	0 p/s
vethf03dce9 - Receive frame	0 p/s	0 p/s	0 p/s	0 p/s
vethe9909d4 - Receive frame	0 p/s	0 p/s	0 p/s	0 p/s

Network Traffic Carrier



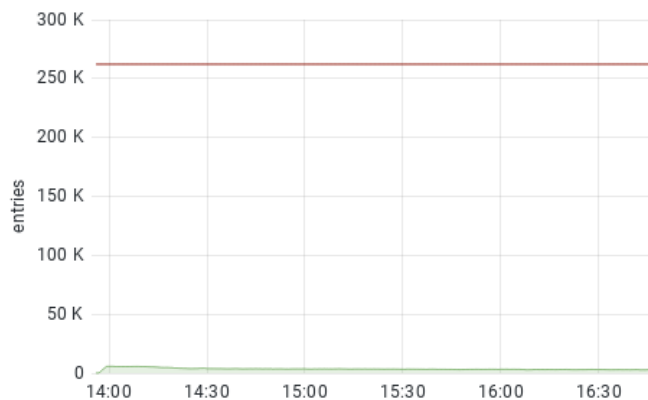
	min	max	avg	current
vethfb727df - Statistic transmit_carrier	0	0	0	0
vethf78a182 - Statistic transmit_carrier	0	0	0	0
vethf03dce9 - Statistic transmit_carrier	0	0	0	0
vethe9909d4 - Statistic transmit_carrier	0	0	0	0

Network Traffic Colls



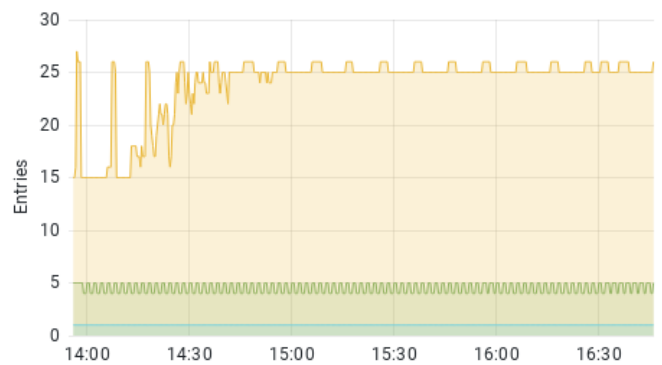
	min	max	avg	current
vethfb727df - Transmit colls	0	0	0	0
vethf78a182 - Transmit colls	0	0	0	0
vethf03dce9 - Transmit colls	0	0	0	0
vethe9909d4 - Transmit colls	0	0	0	0

NF Contrack



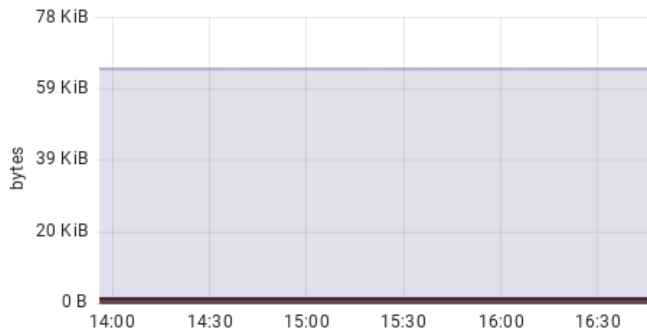
	min	max	avg	current
NF conntrack entries	105	5.68 K	3.52 K	2.86 K
NF conntrack limit	262 K	262 K	262 K	262 K

ARP Entries



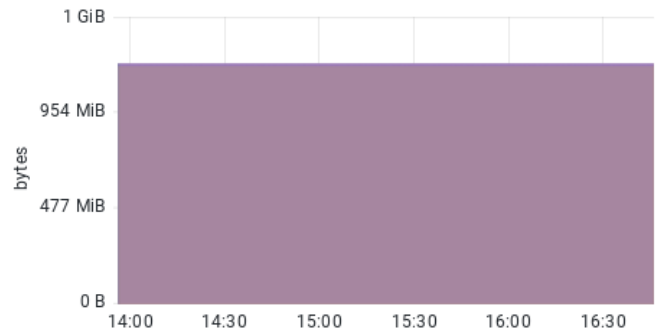
	min	max	avg	current
br-328c90a1a765 - ARP entries	4	5	4.52	5
br-7098de4b671c - ARP entries	15	27	23.9	26
ens3 - ARP entries	1	1	1	1

MTU



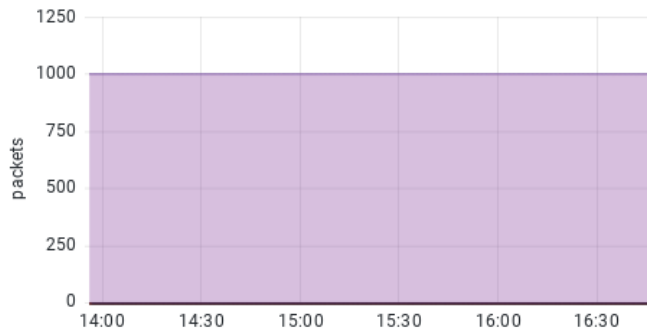
	min	max	avg	current
br-328c90a1 a765 - Bytes	1.5 KiB	1.5 KiB	1.5 KiB	1.5 KiB
br-3bee41ce9340 - Bytes	1.5 KiB	1.5 KiB	1.5 KiB	1.5 KiB
br-7098de4b671c - Bytes	1.5 KiB	1.5 KiB	1.5 KiB	1.5 KiB
br-b5d82a87db58 - Bytes	1.5 KiB	1.5 KiB	1.5 KiB	1.5 KiB

Speed



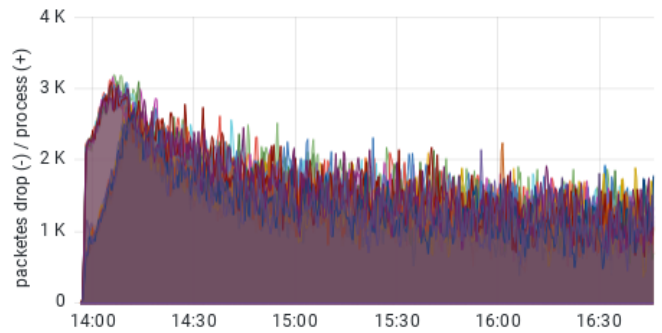
	min	max	avg	current
ens3 - Speed	-122.1 KiB	-122.1 KiB	-122.1 KiB	-122.1 KiB
veth0c9e544 - Speed	1.2 GiB	1.2 GiB	1.2 GiB	1.2 GiB
veth0d5e675 - Speed	1.2 GiB	1.2 GiB	1.2 GiB	1.2 GiB
veth0e5005c - Speed	1.2 GiB	1.2 GiB	1.2 GiB	1.2 GiB

Queue Length



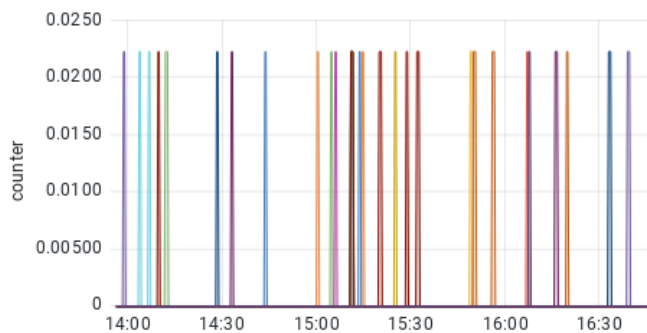
	min	max	a
br-328c90a1 a765 - Interface transmit queue length	0	0	
br-3bee41ce9340 - Interface transmit queue length	0	0	
br-7098de4b671c - Interface transmit queue length	0	0	
br-b5d82a87db58 - Interface transmit queue length	0	0	

Softnet Packets



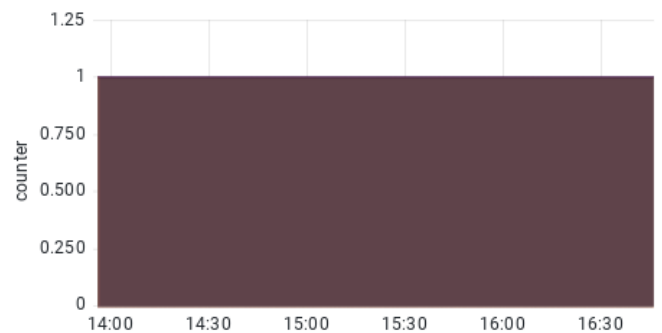
	min	max	avg	current
CPU 7 - Processed	0	2.73 K	1.36 K	1.78 K
CPU 1 - Processed	0.621	2.76 K	1.38 K	1.49 K
CPU 8 - Processed	5.56	3.05 K	1.64 K	1.34 K
CPU 15 - Processed	2.14	2.72 K	1.39 K	1.20 K

Softnet Out of Quota



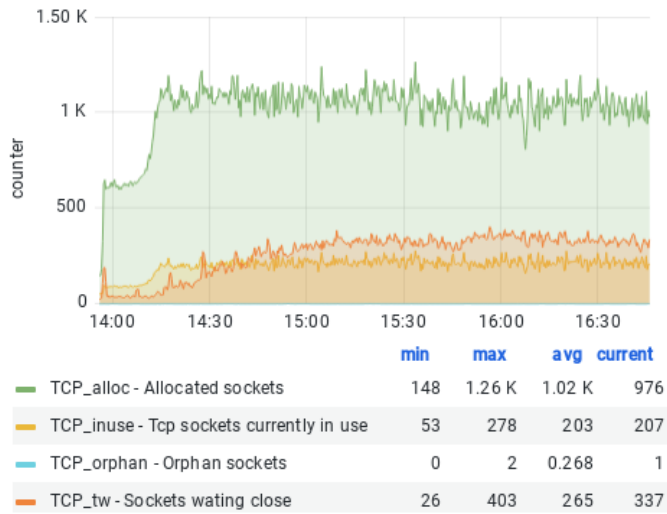
	min	max	avg	current
CPU 9 - Squeezed	0	0.0222	0.0000871	0
CPU 8 - Squeezed	0	0.0222	0.000218	0
CPU 7 - Squeezed	0	0.0222	0.000218	0
CPU 6 - Squeezed	0	0.0222	0.000566	0

Network Operational Status

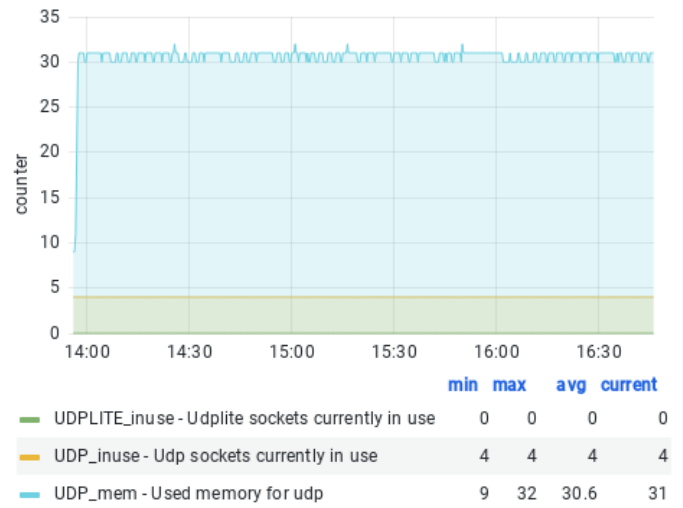


	min	max	avg	current
vethfb727df - Physical link state	1	1	1	1
vethf78a182 - Physical link state	1	1	1	1
vethf03dce9 - Physical link state	1	1	1	1
vethe9909d4 - Physical link state	1	1	1	1

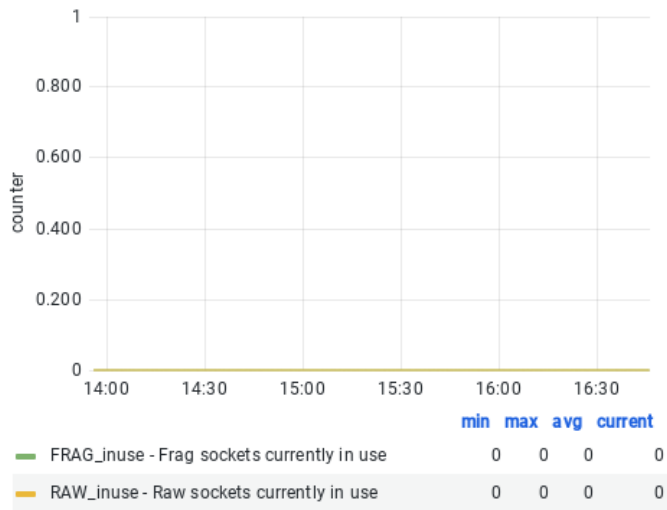
Sockstat TCP



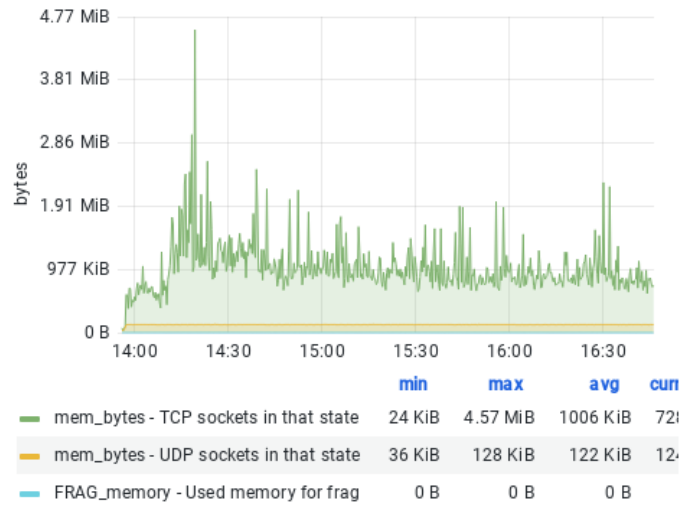
Sockstat UDP



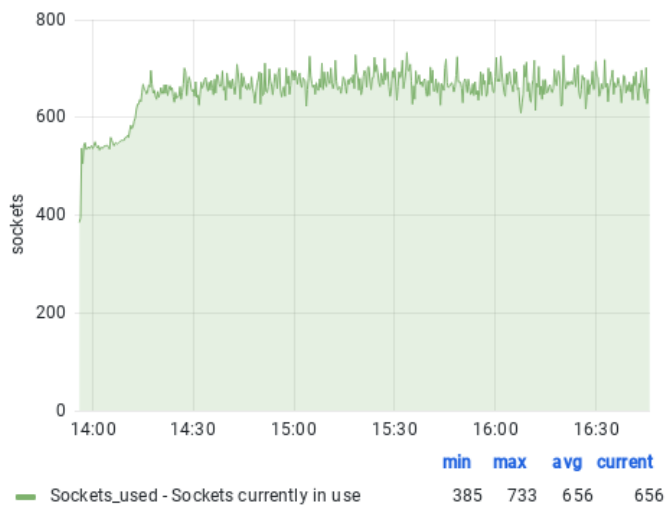
Sockstat FRAG / RAW



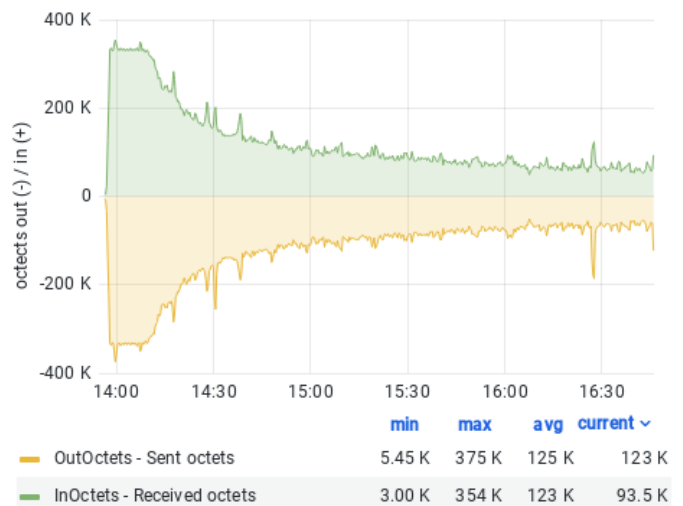
Sockstat Memory Size



Sockstat Used

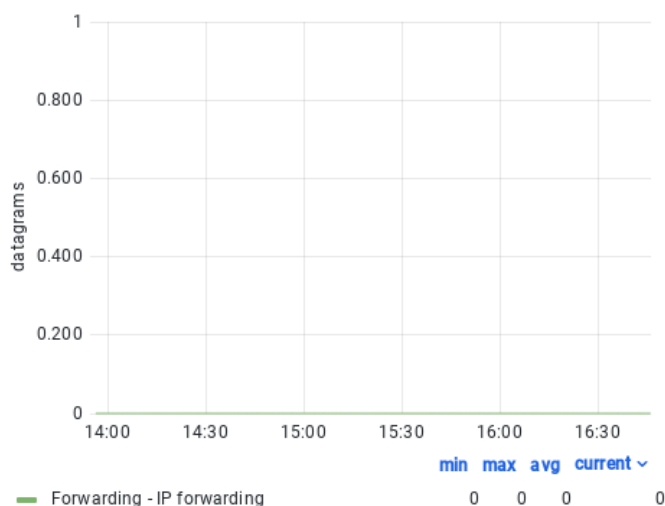


Netstat IP In / Out Octets

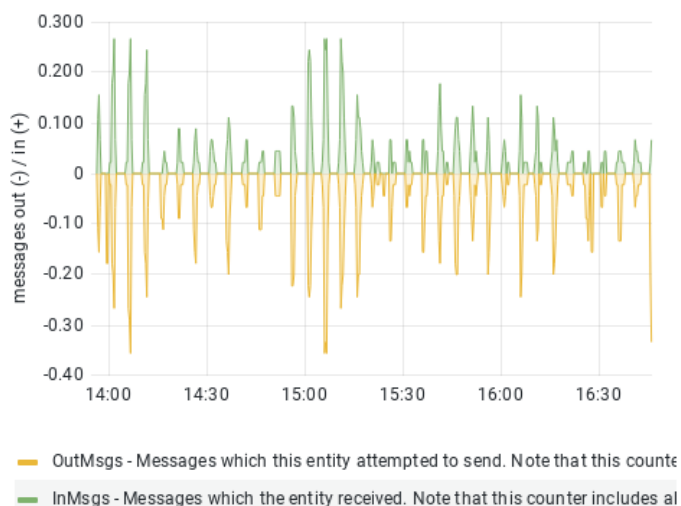




Netstat IP Forwarding



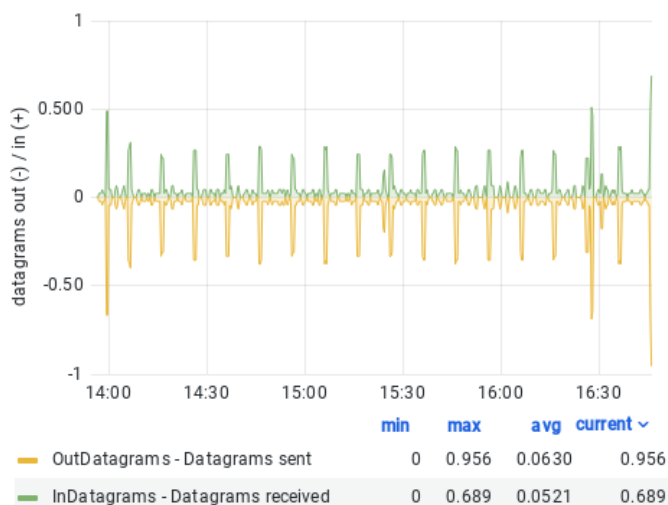
ICMP In / Out



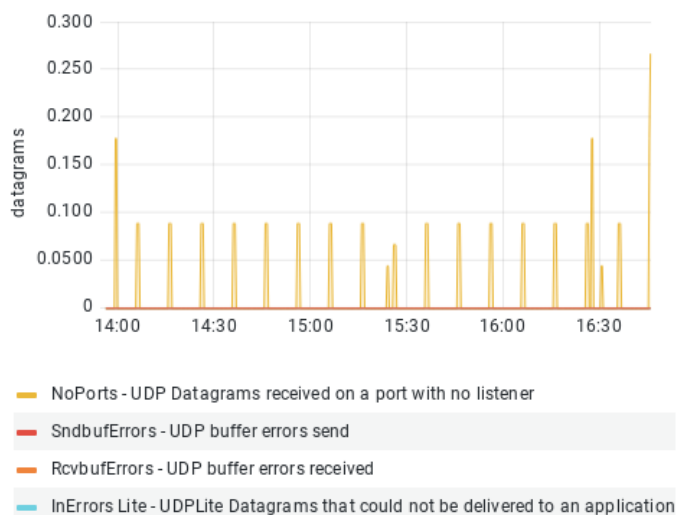
ICMP Errors



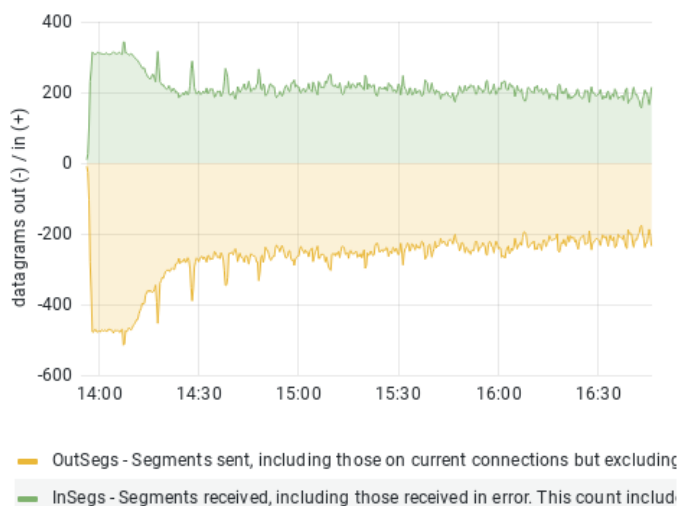
UDP In / Out



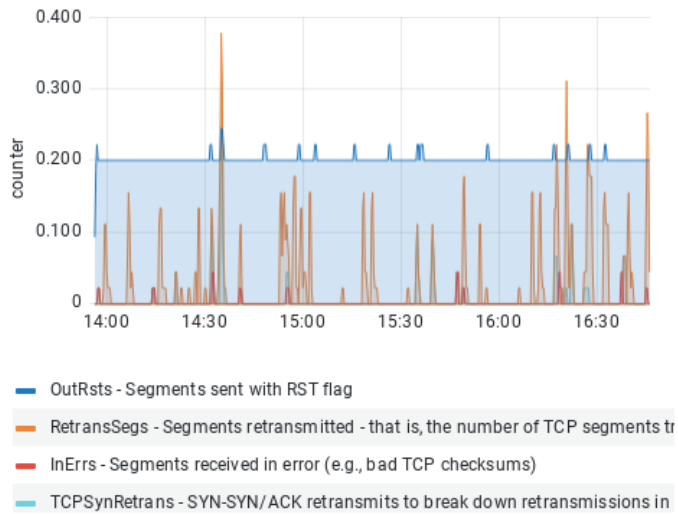
UDP Errors



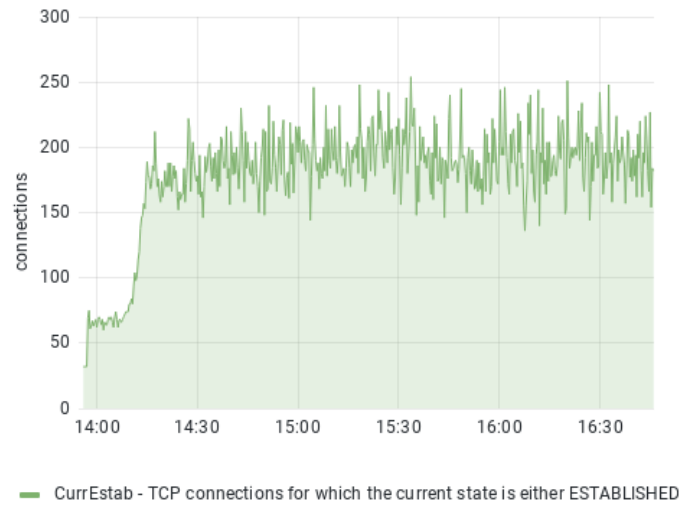
TCP In / Out



TCP Errors



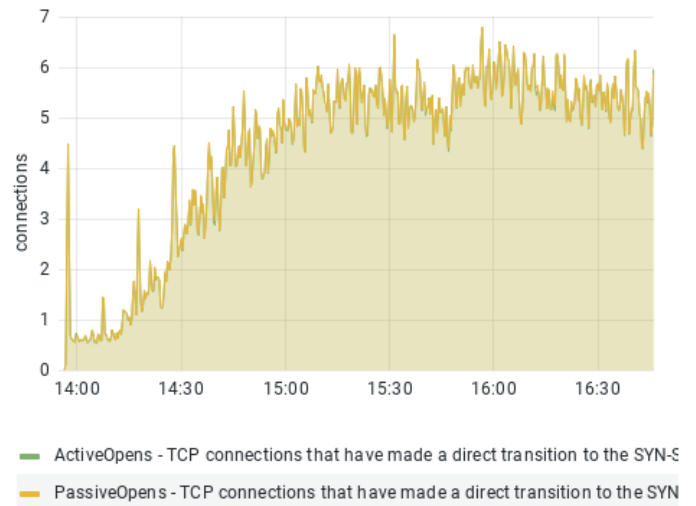
TCP Connections



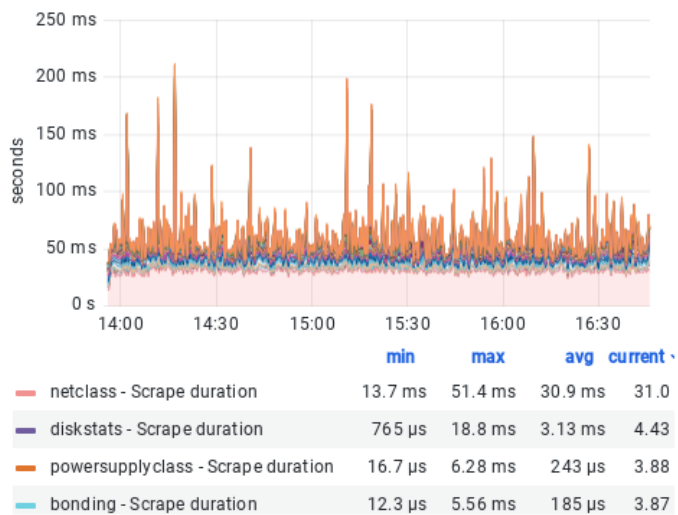
TCP SynCookie



TCP Direct Transition



Node Exporter Scrape Time



Node Exporter Scrape

