

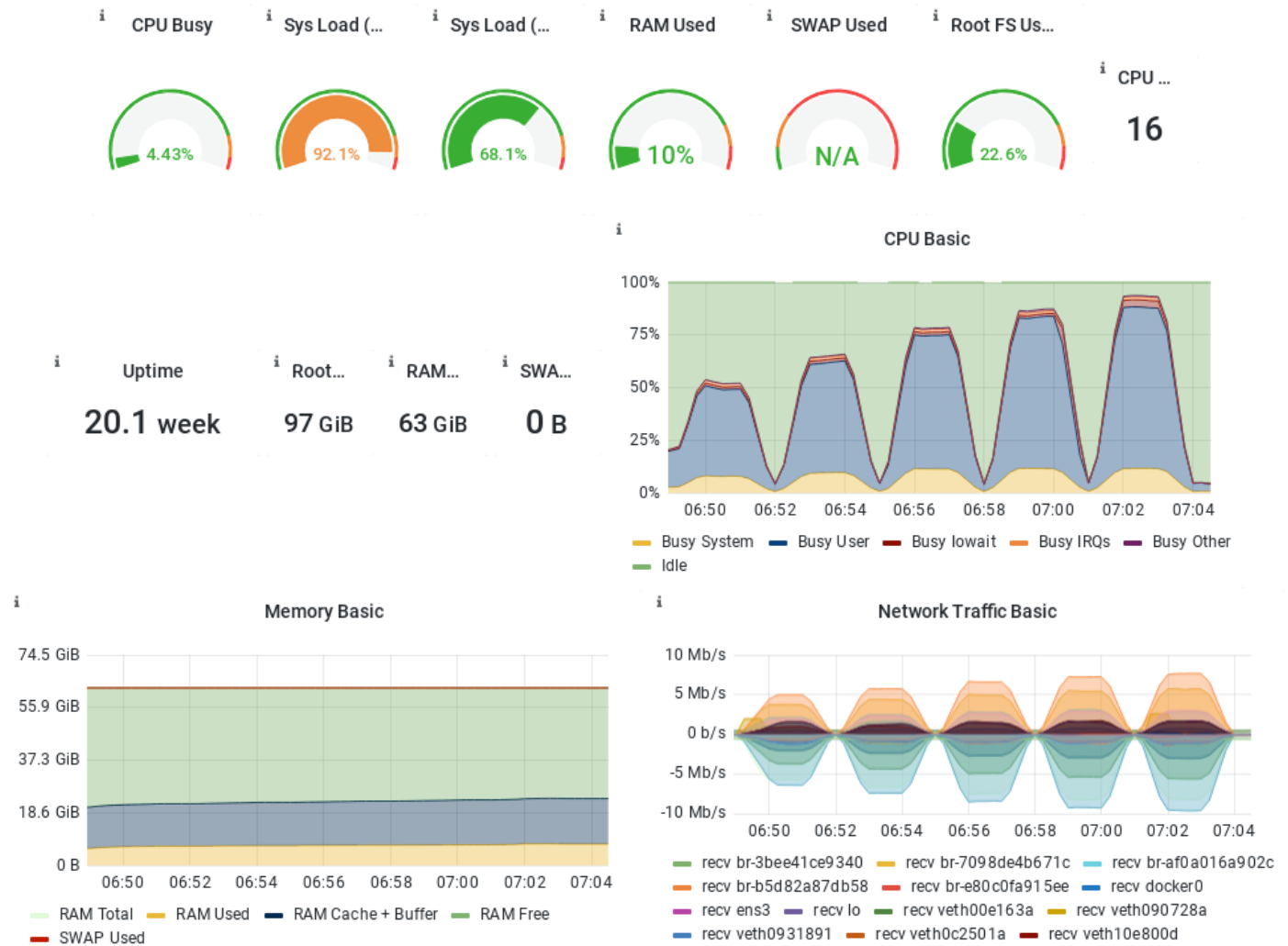
# Host Metrics

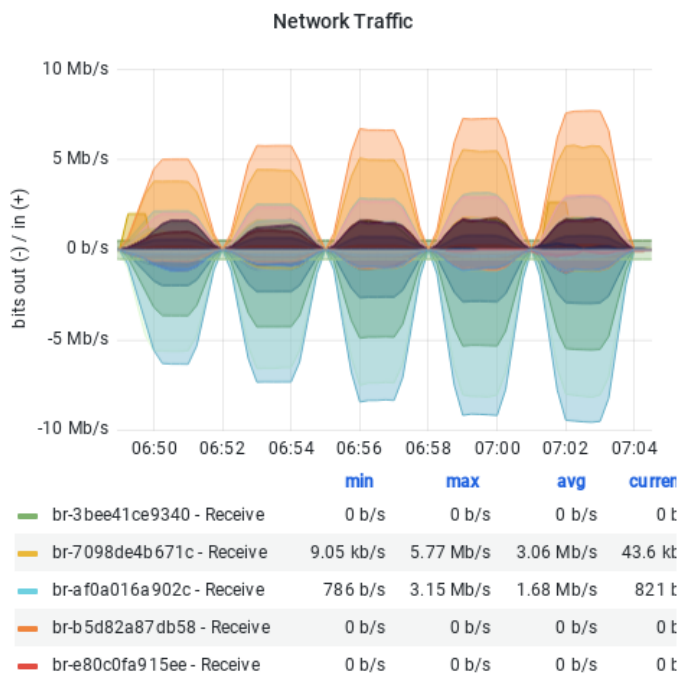
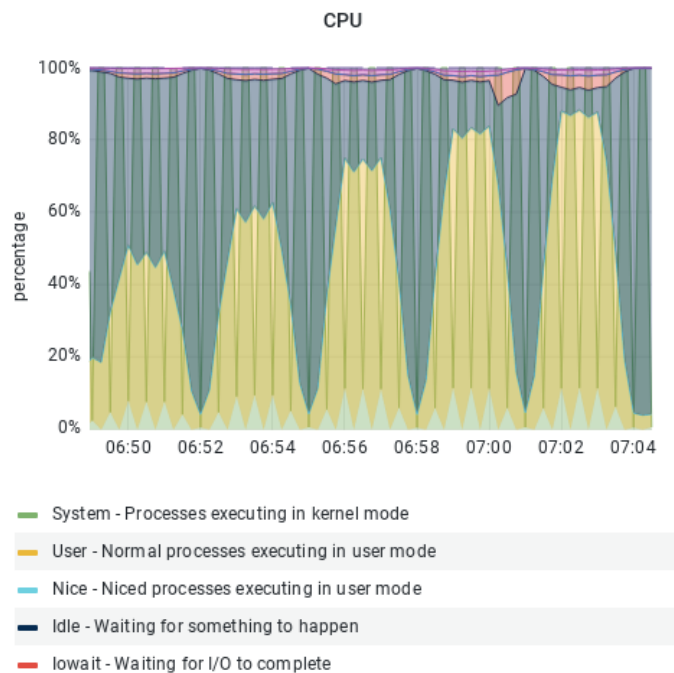
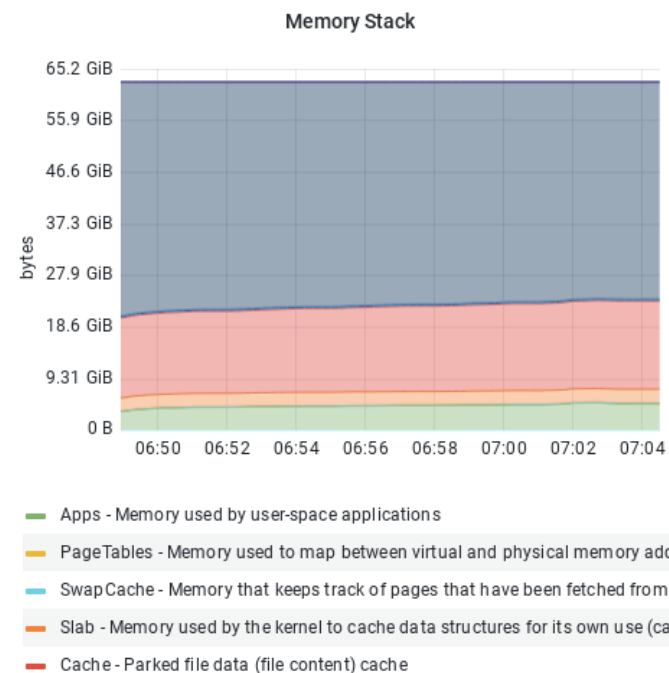
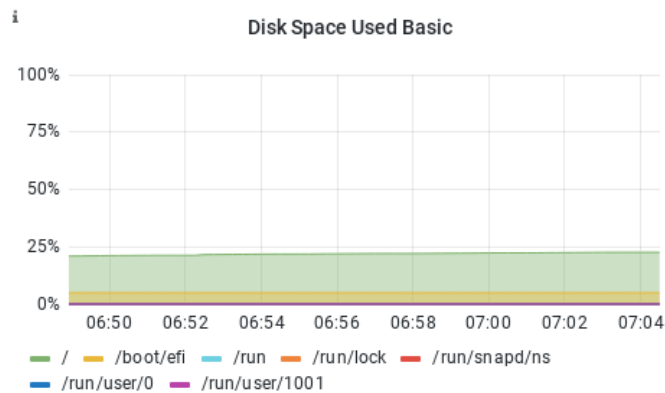
The dashboard visualizes host metrics collected by node\_exporter. (based on: <https://grafana.com/grafana/dashboards/1860>)

Wed Mar 2 06:48:55 UTC 2022

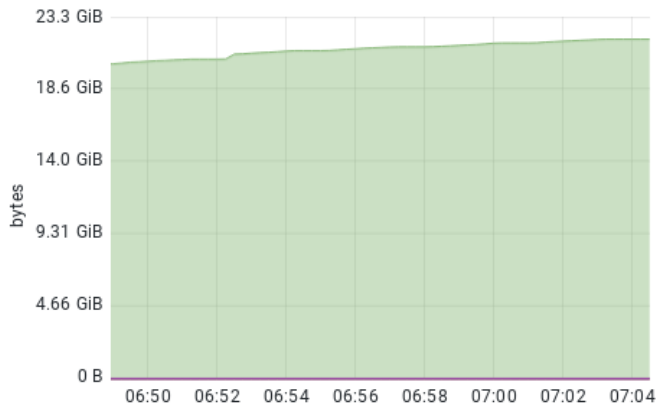
to

Wed Mar 2 07:04:30 UTC 2022



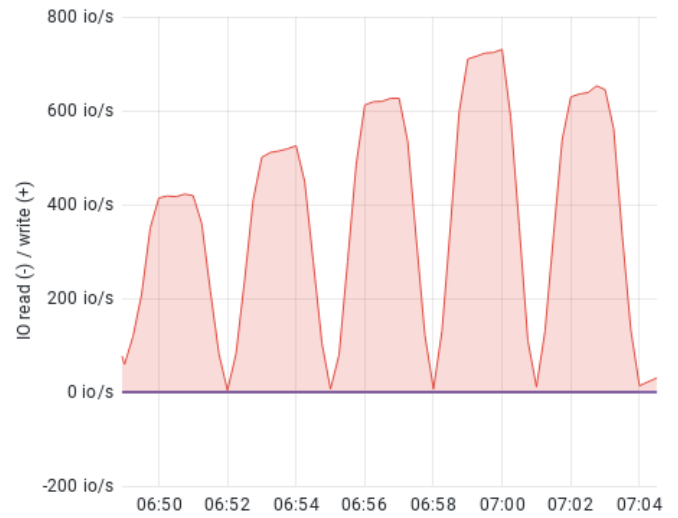


Disk Space Used



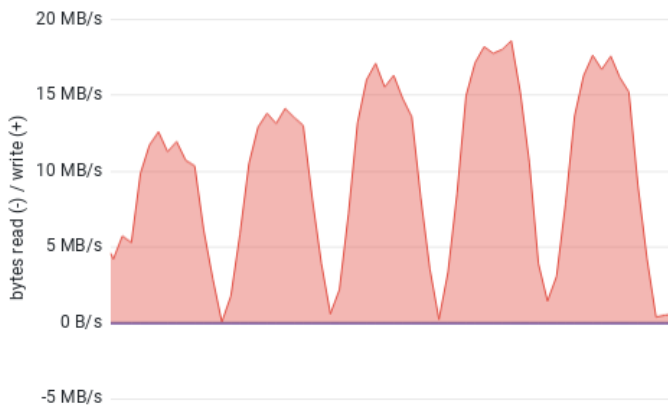
	min	max	avg	current
/run/lock	0 B	0 B	0 B	0 B
/run/user/0	0 B	0 B	0 B	0 B
/run/user/1001	0 B	0 B	0 B	0 B
/run	3.711 MiB	3.711 MiB	3.711 MiB	3.711 MiB
/run/snapd/ns	3.711 MiB	3.711 MiB	3.711 MiB	3.711 MiB

Disk IOps



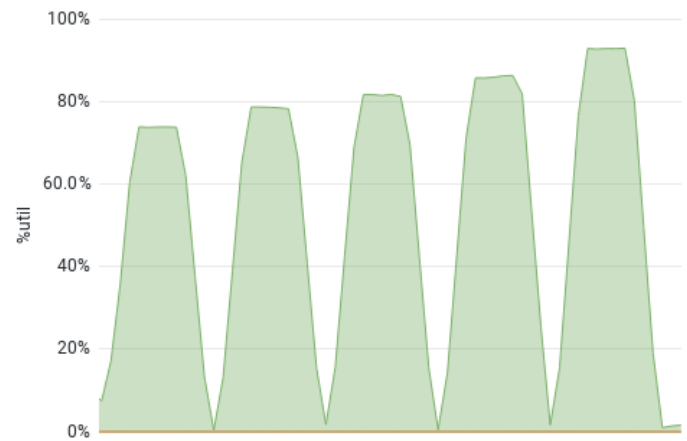
	min	max	avg	current
vda - Reads completed	0 io/s	0.0667 io/s	0.00392 io/s	0 io/s
vda - Writes completed	3.73 io/s	730 io/s	371 io/s	30 io/s

I/O Usage Read / Write



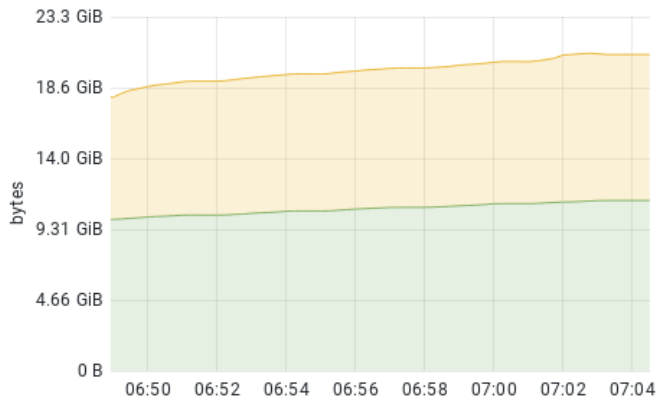
	min	max	avg
vda - Successfully read bytes	0 B/s	2.913 kB/s	45.511 B/s
vdb - Successfully read bytes	0 B/s	0 B/s	0 B/s
vdc - Successfully read bytes	0 B/s	0 B/s	0 B/s
vdd - Successfully read bytes	0 B/s	0 B/s	0 B/s
vda - Successfully written bytes	97.212 kB/s	18.562 MB/s	9.910 MB/s

I/O Utilization



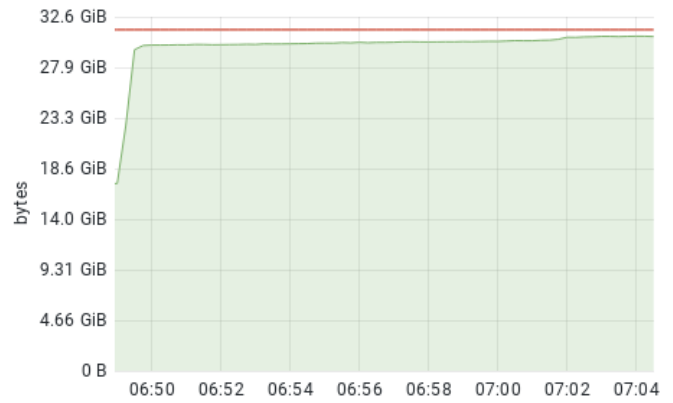
	min	max	avg	current
vda	0.382%	92.853%	52.861%	1.573%
vdb	0%	0%	0%	0%
vdc	0%	0%	0%	0%
vdd	0%	0%	0%	0%

### Memory Active / Inactive



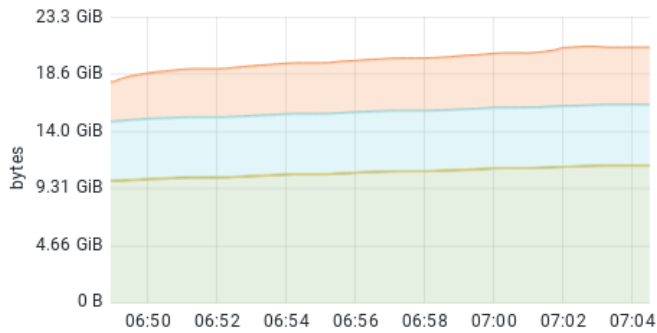
— Inactive - Memory which has been less recently used. It is more eligible to be re
 — Active - Memory that has been used more recently and usually not reclaimed u

### Memory Committed



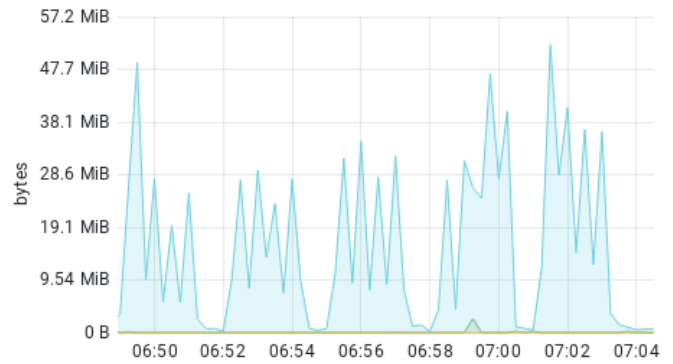
— Committed\_AS - Amount of memory presently allocated on the system
 — CommitLimit - Amount of memory currently available to be allocated on the sy

### Memory Active / Inactive Detail



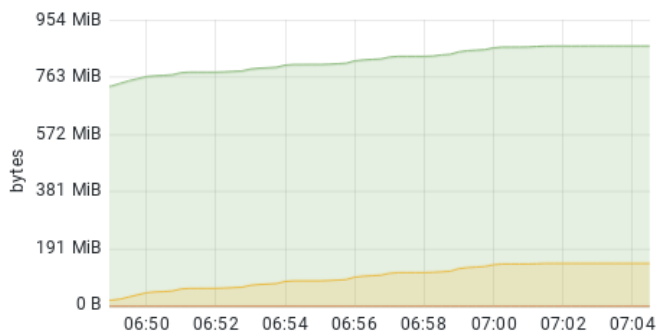
— Inactive\_file - File-backed memory on inactive LRU list
 — Inactive\_anon - Anonymous and swap cache on inactive LRU list, including tmp
 — Active\_file - File-backed memory on active LRU list
 — Active\_anon - Anonymous and swap cache on active least-recently-used (LRU)

### Memory Writeback and Dirty



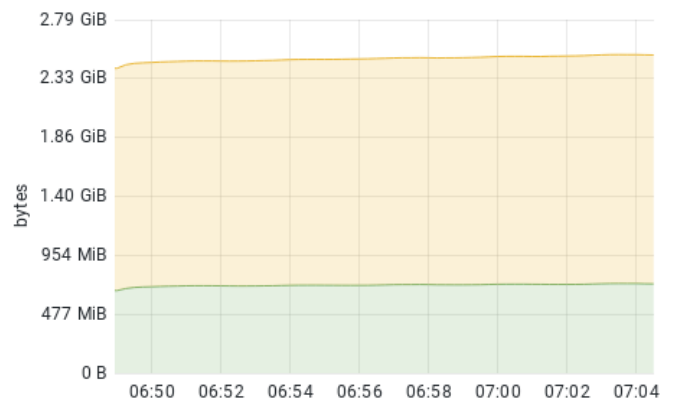
— Writeback - Memory which is actively being written back to disk
 — WritebackTmp - Memory used by FUSE for temporary writeback buffers
 — Dirty - Memory which is waiting to get written back to the disk

### Memory Shared and Mapped



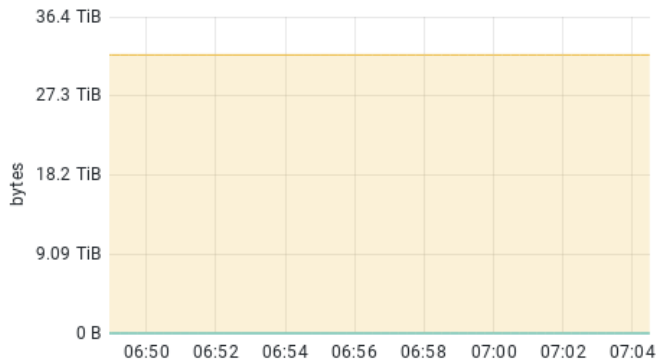
— Mapped - Used memory in mapped pages files which have been mmaped, such
 — Shmem - Used shared memory (shared between several processes, thus includ
 — ShmemHugePages - Memory used by shared memory (shmem) and tmpfs allc
 — ShmemPmdMapped - Ammount of shared (shmem/tmpfs) memory backed by

### Memory Slab



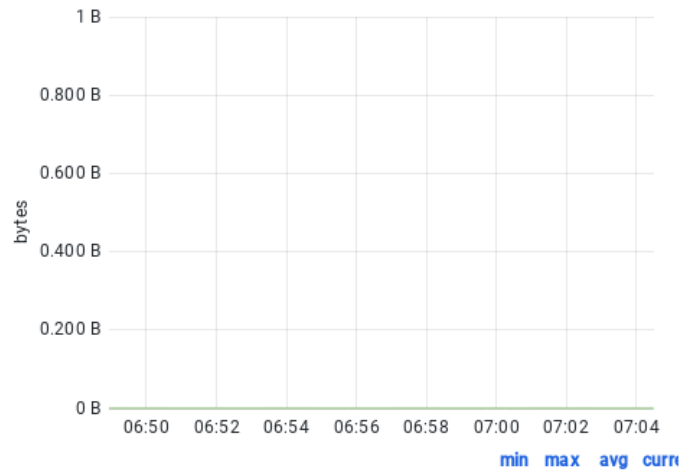
— SUnreclaim - Part of Slab, that cannot be reclaimed on memory pressure
 — SReclaimable - Part of Slab, that might be reclaimed, such as caches

Memory Vmalloc



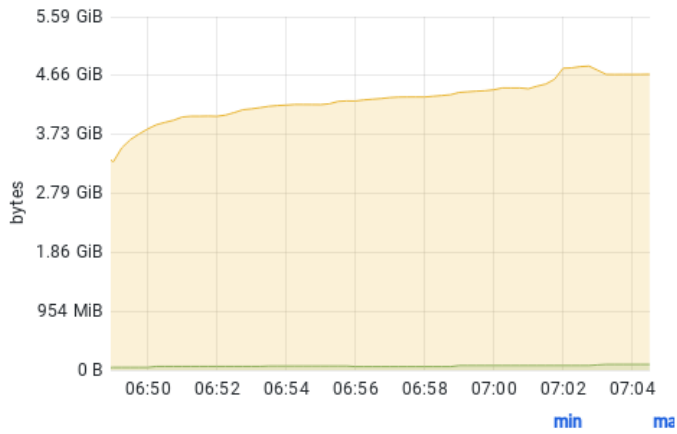
VmallocChunk - Largest contiguous block of vmalloc area which is free	
VmallocTotal - Total size of vmalloc memory area	32.6
VmallocUsed - Amount of vmalloc area which is used	43.6

Memory Bounce



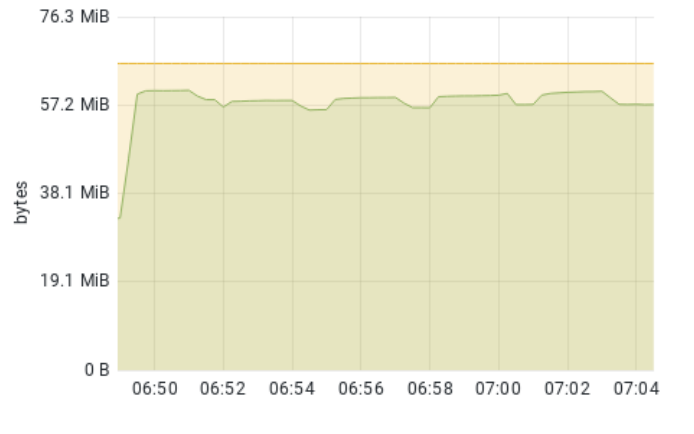
Bounce - Memory used for block device bounce buffers	0 B	0 B	0 B
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Memory Anonymous



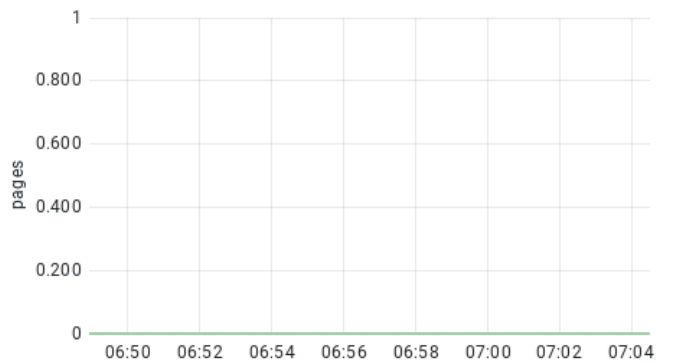
AnonHugePages - Memory in anonymous huge pages	34.00 MiB	92.00 MiB
AnonPages - Memory in user pages not backed by files	3.29 GiB	4.81 GiB

Memory Kernel / CPU



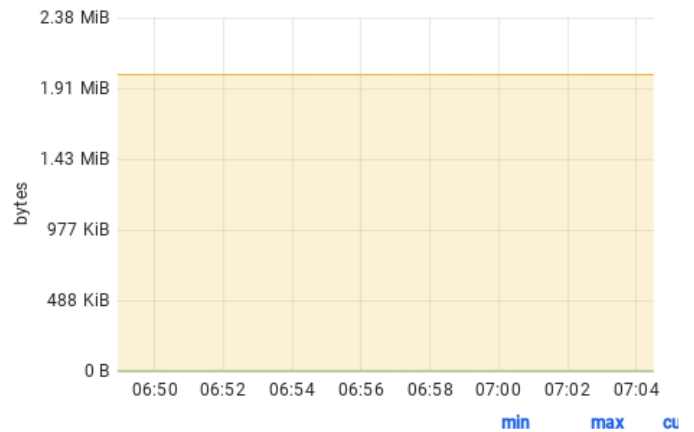
KernelStack - Kernel memory stack. This is not reclaimable	32.6
PerCPU - Per CPU memory allocated dynamically by loadable modules	66.1

Memory HugePages Counter



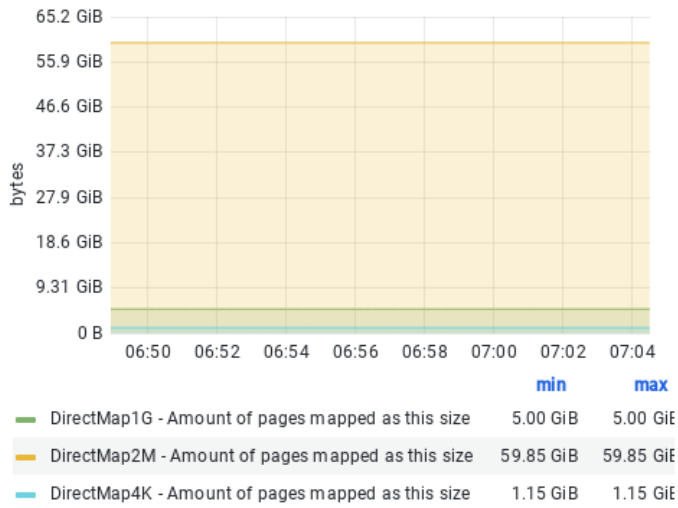
HugePages_Free - Huge pages in the pool that are not yet allocated	
HugePages_Rsvd - Huge pages for which a commitment to allocate from the pool has been made	
HugePages_Surp - Huge pages in the pool above the value in /proc/sys/vm/nr_hugepages	

Memory HugePages Size

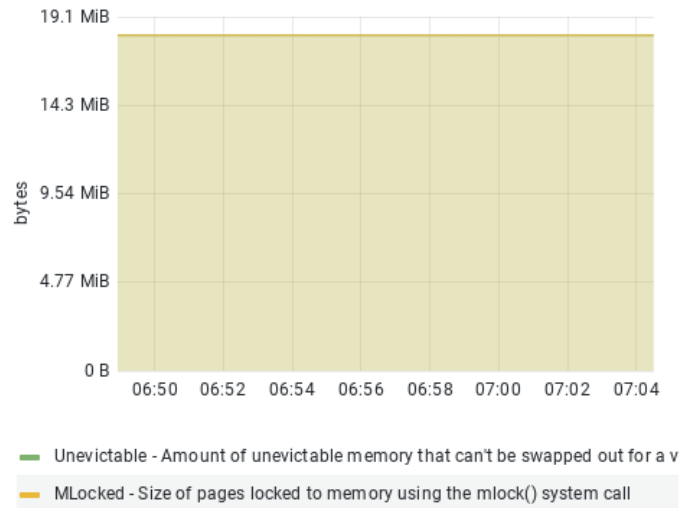


HugePages - Total size of the pool of huge pages	0 B	0 B
Hugepagesize - Huge Page size	2.00 MiB	2.00 MiB

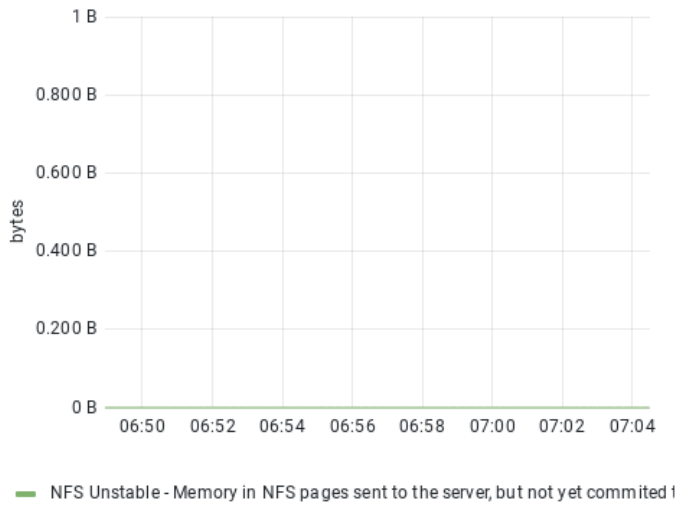
Memory DirectMap



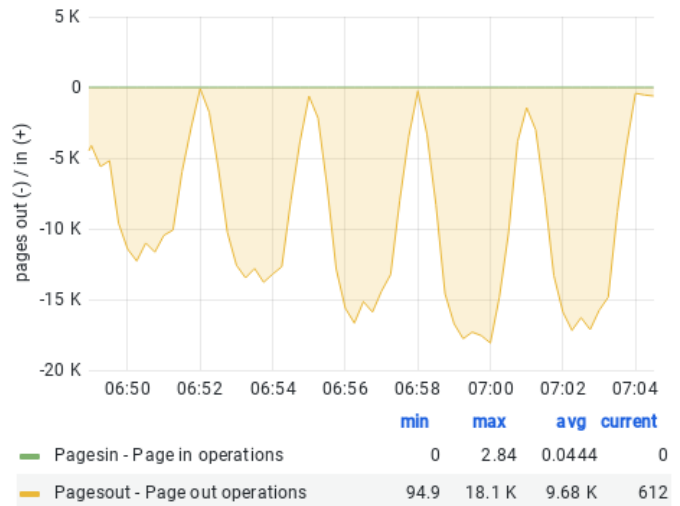
Memory Unevictable and MLocked



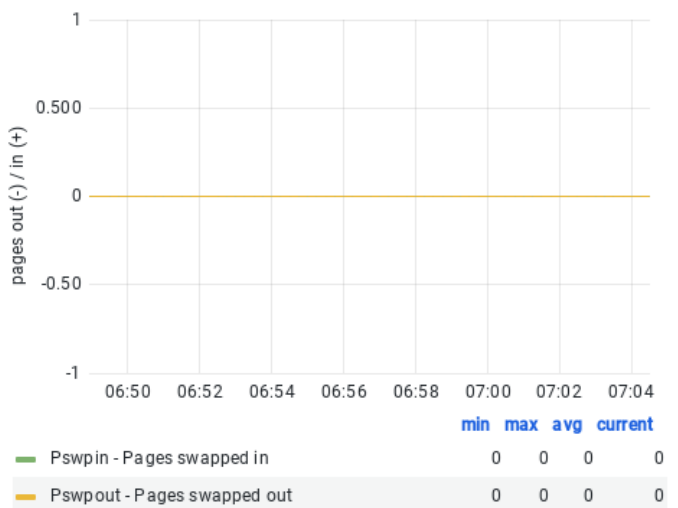
Memory NFS



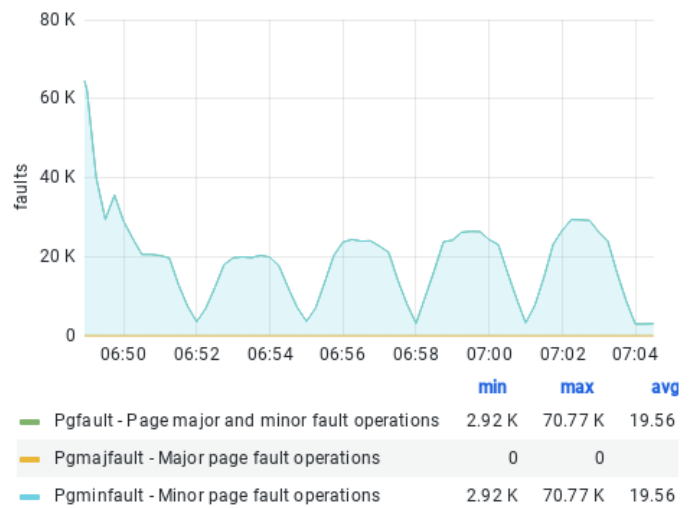
Memory Pages In / Out



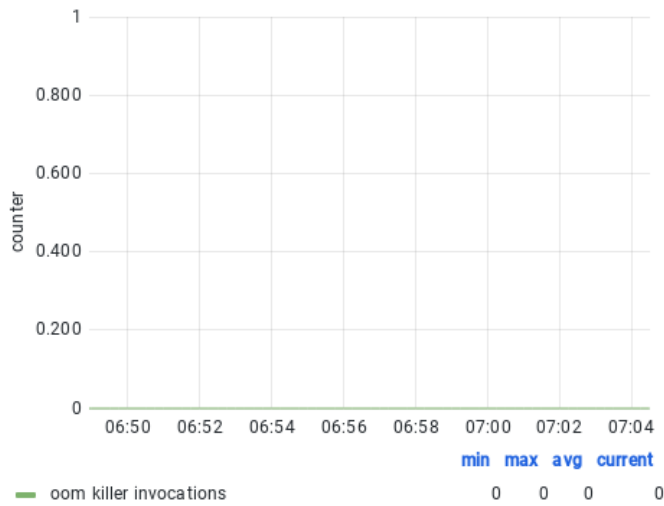
Memory Pages Swap In / Out



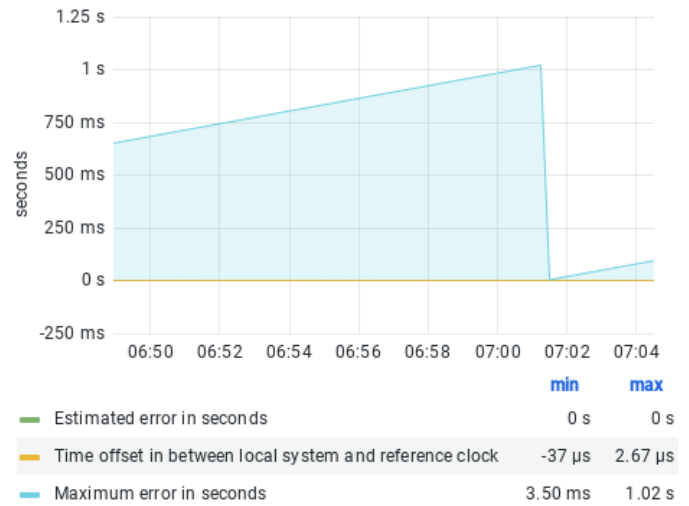
Memory Page Faults



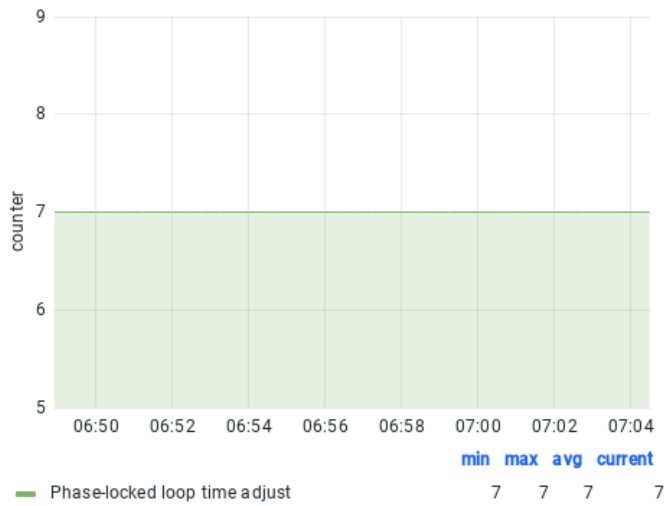
OOM Killer



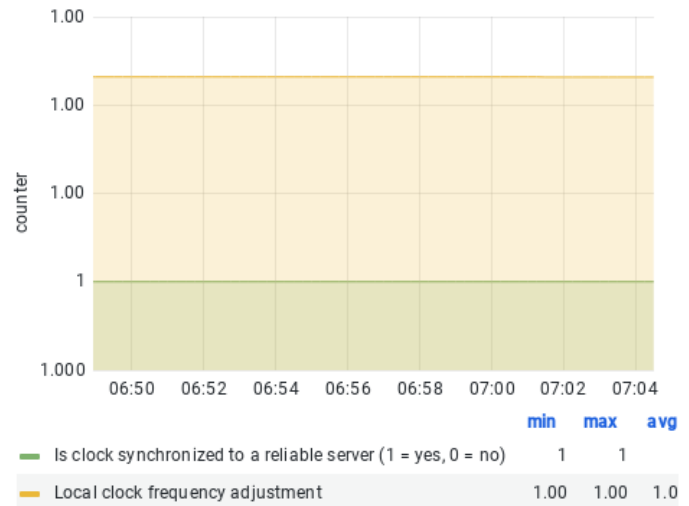
Time Synchronized Drift



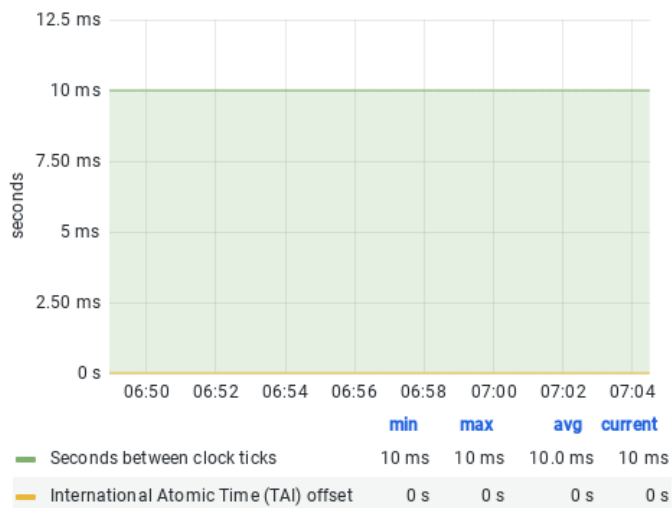
Time PLL Adjust



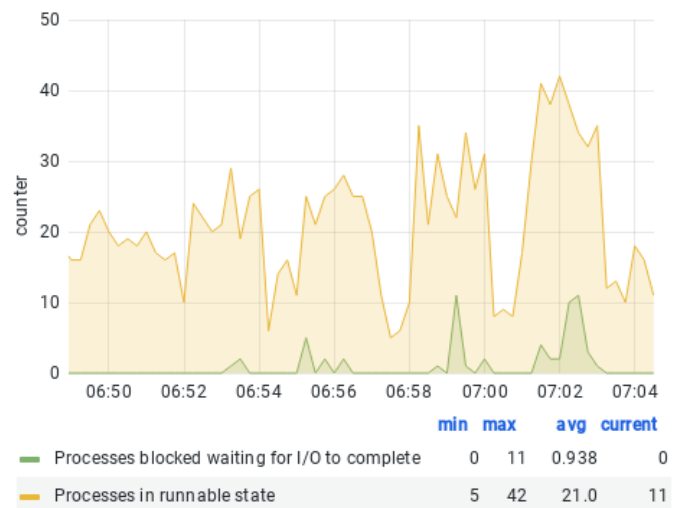
Time Synchronized Status



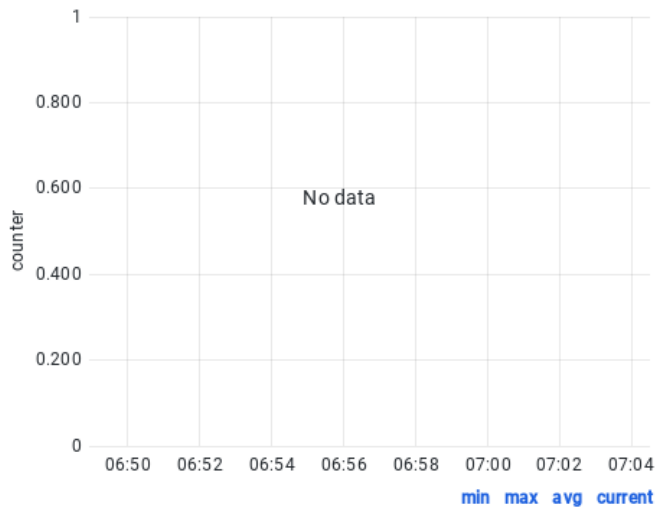
Time Misc



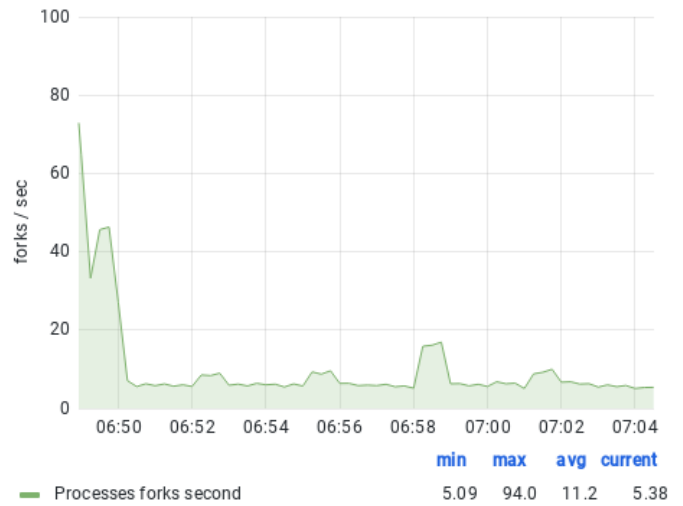
Processes Status



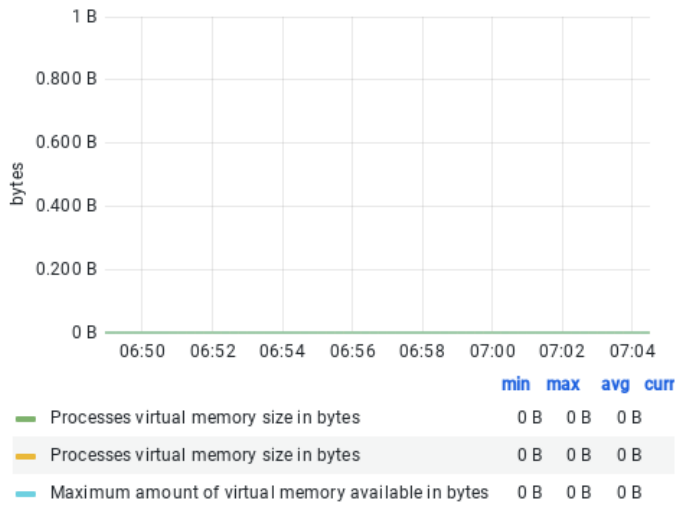
Processes State



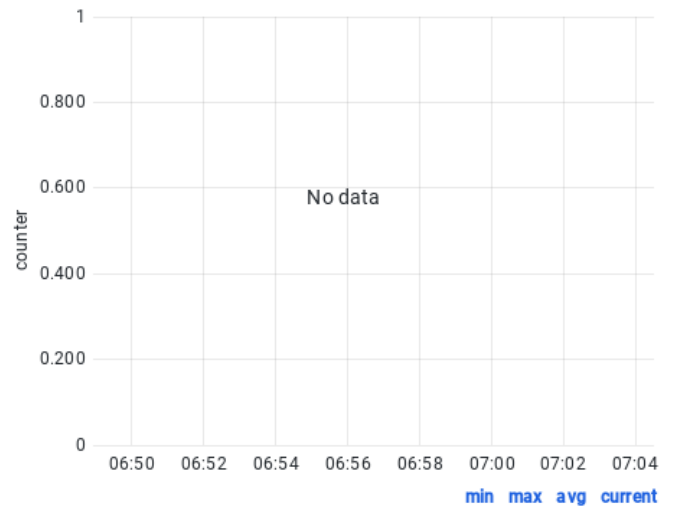
Processes Forks



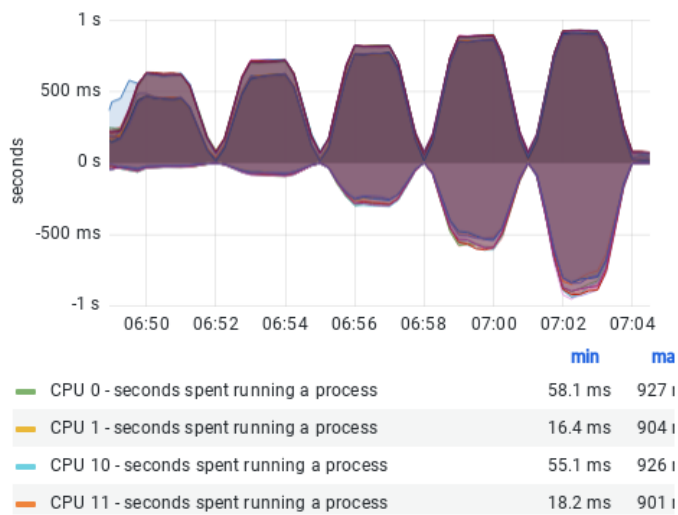
Processes Memory



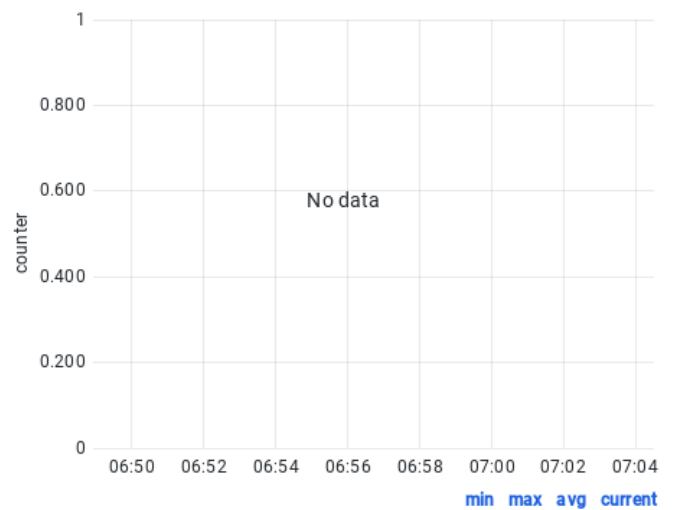
PIDs Number and Limit



Process schedule stats Running / Waiting

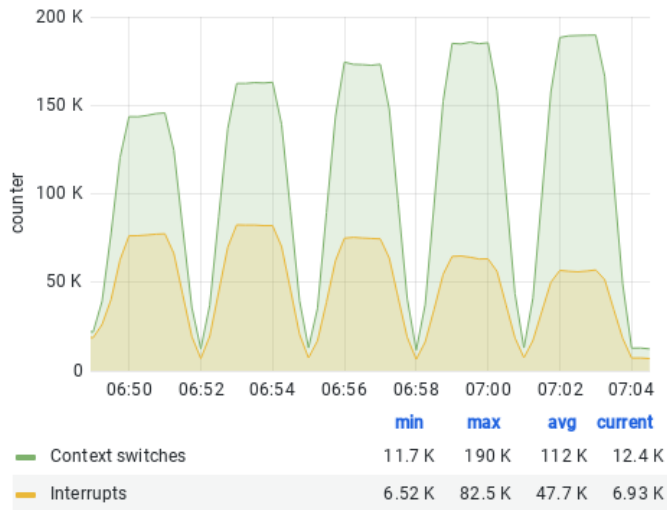


Threads Number and Limit

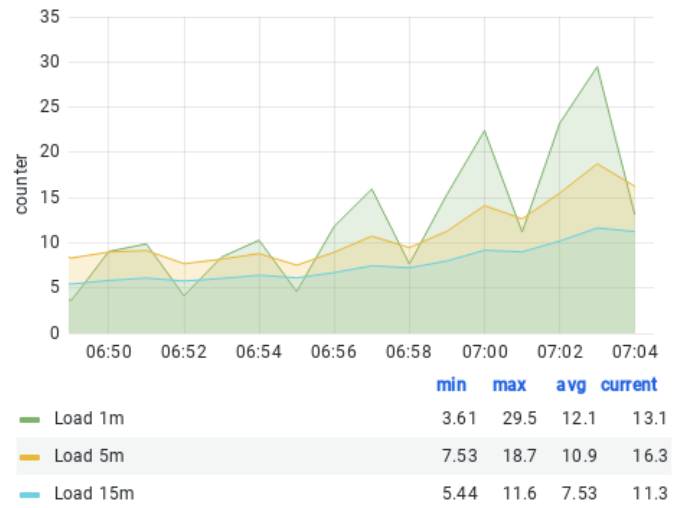




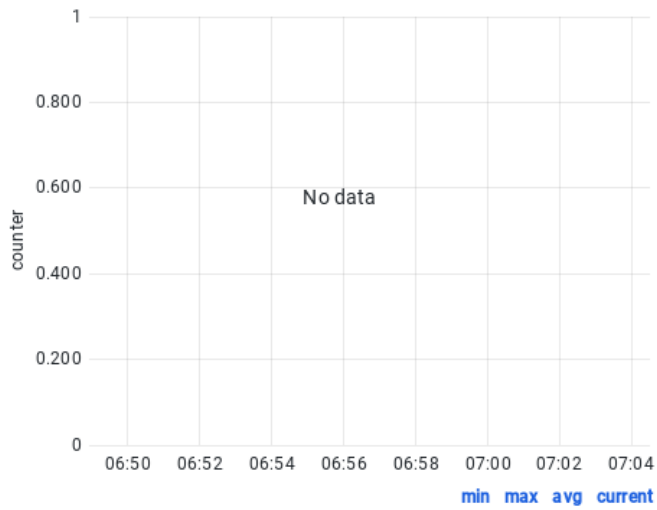
Context Switches / Interrupts



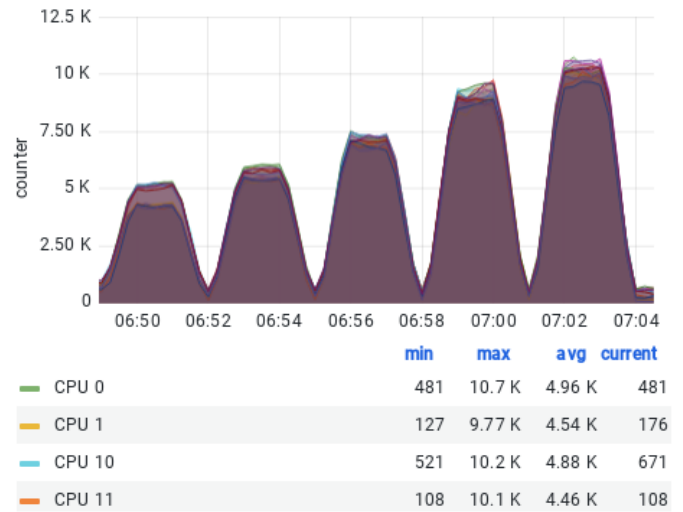
System Load



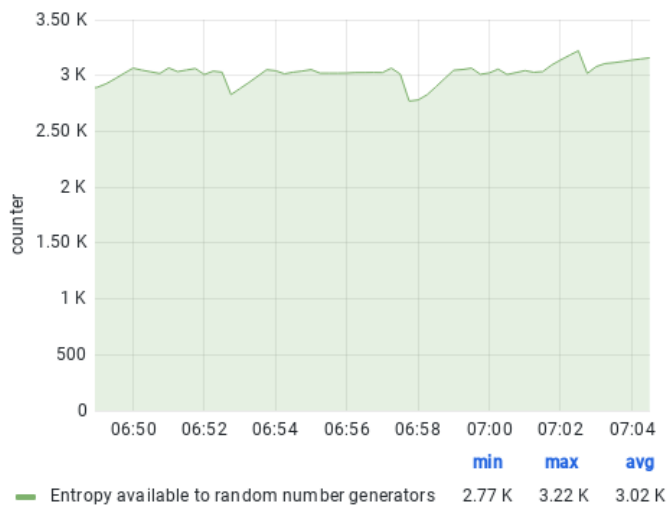
Interrupts Detail



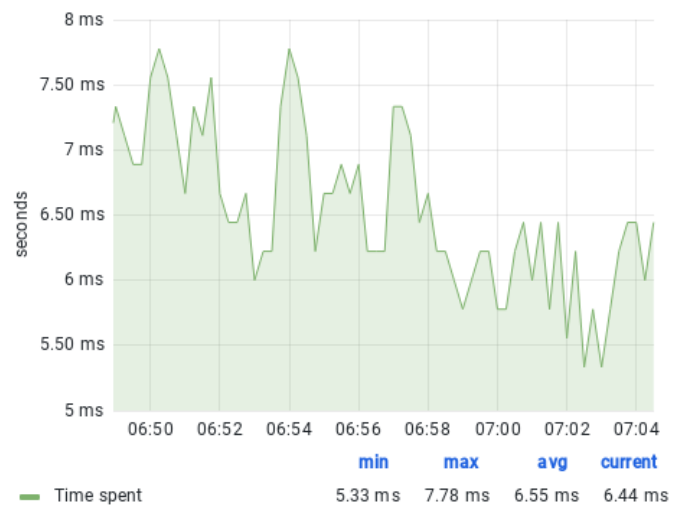
Schedule timeslices executed by each cpu



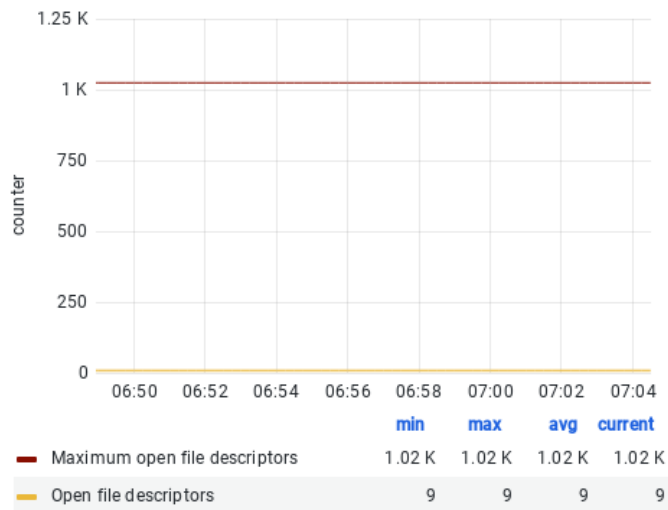
Entropy



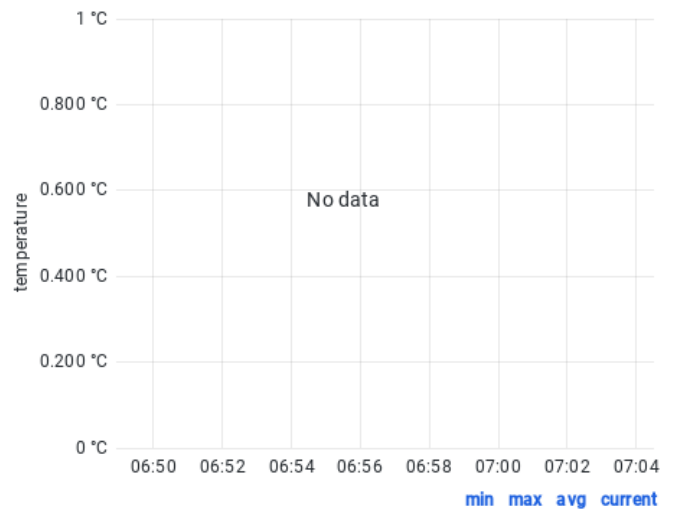
CPU time spent in user and system contexts



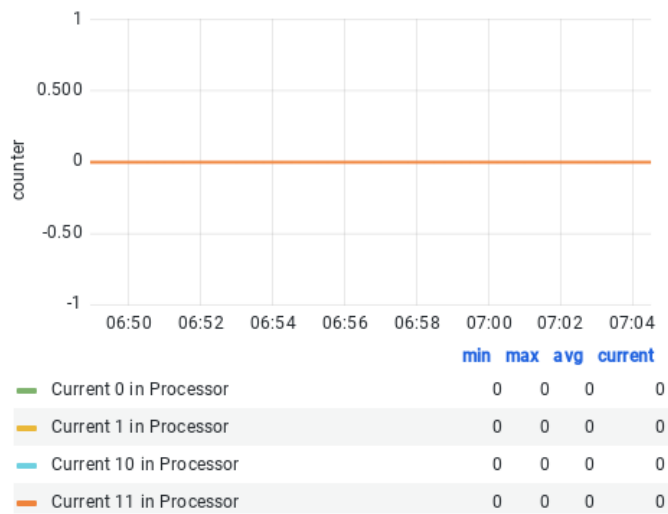
File Descriptors



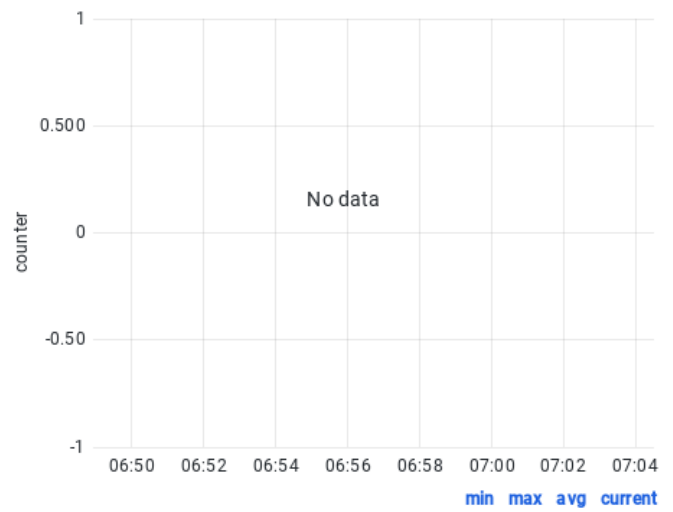
Hardware temperature monitor



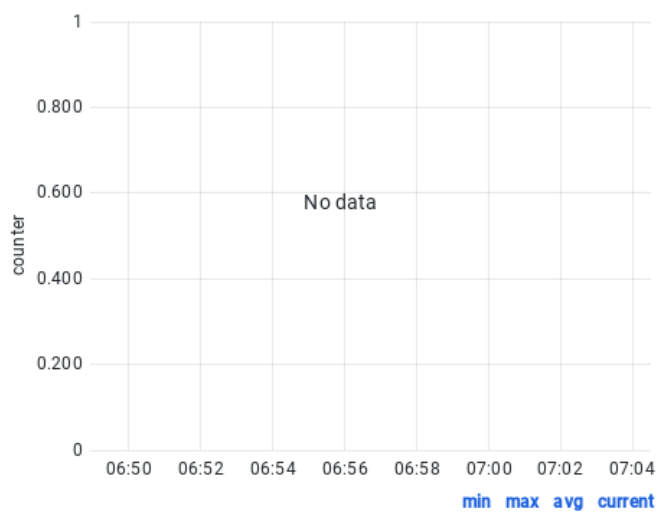
Throttle cooling device



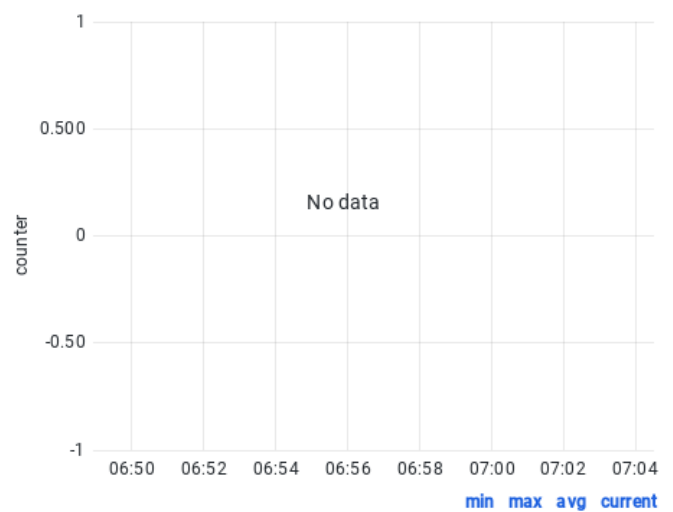
Power supply

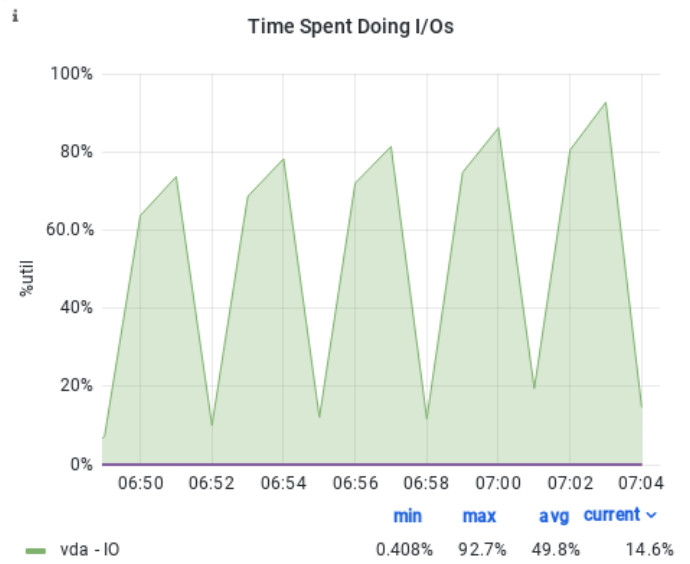
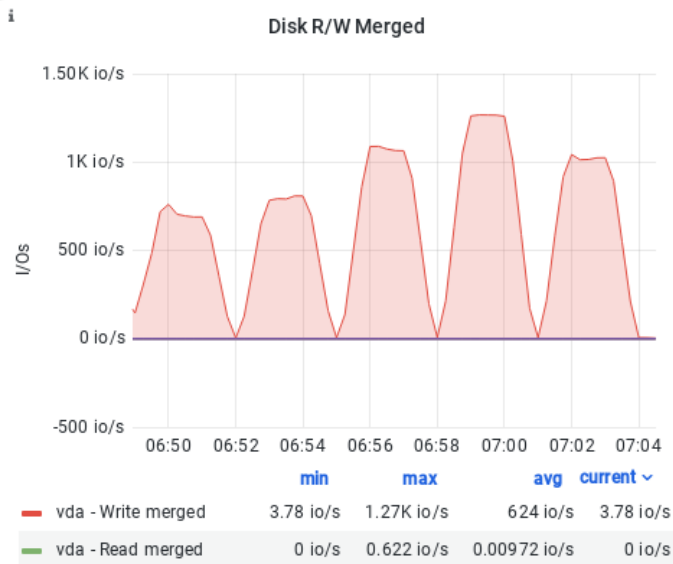
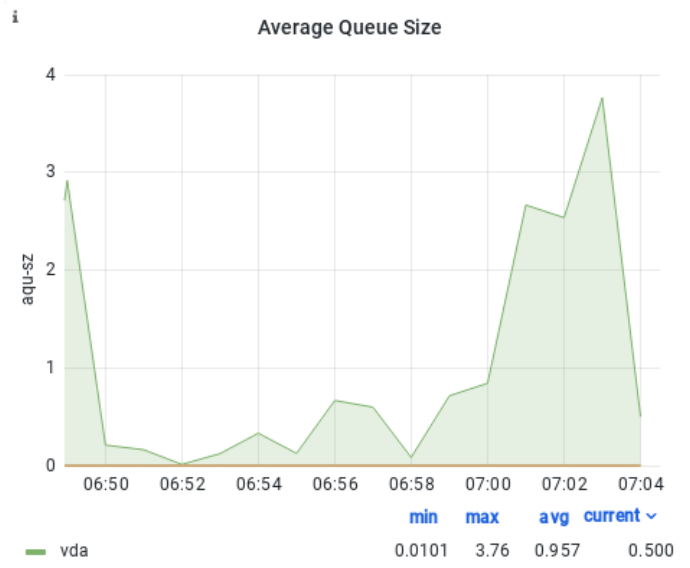
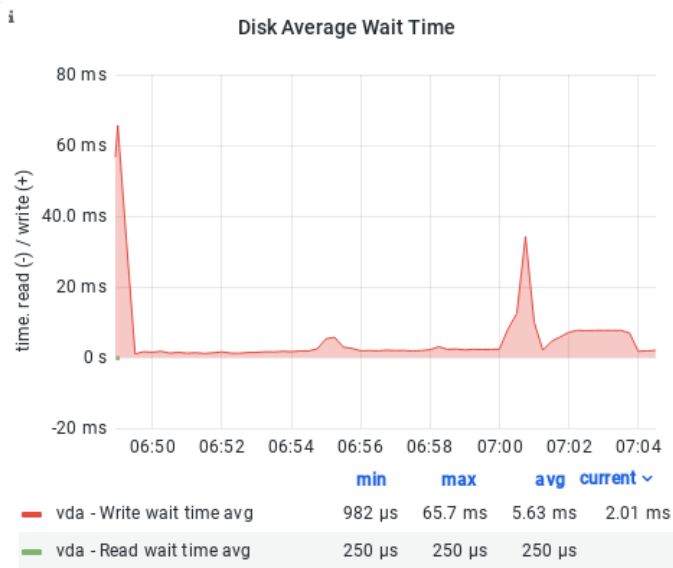
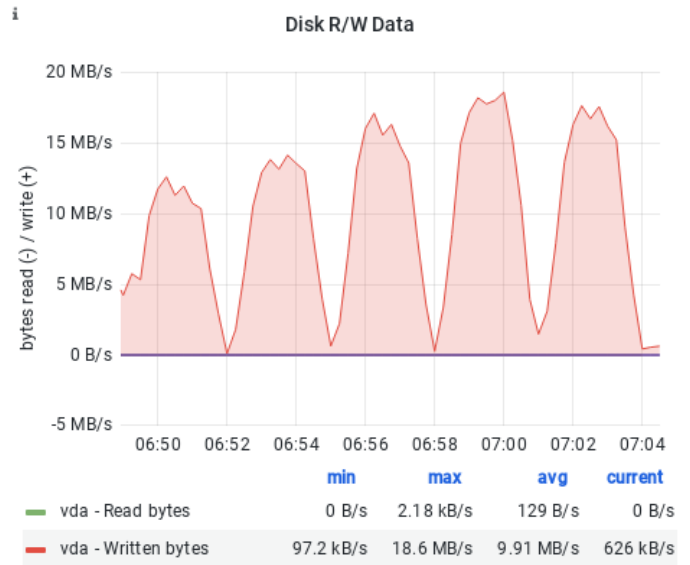
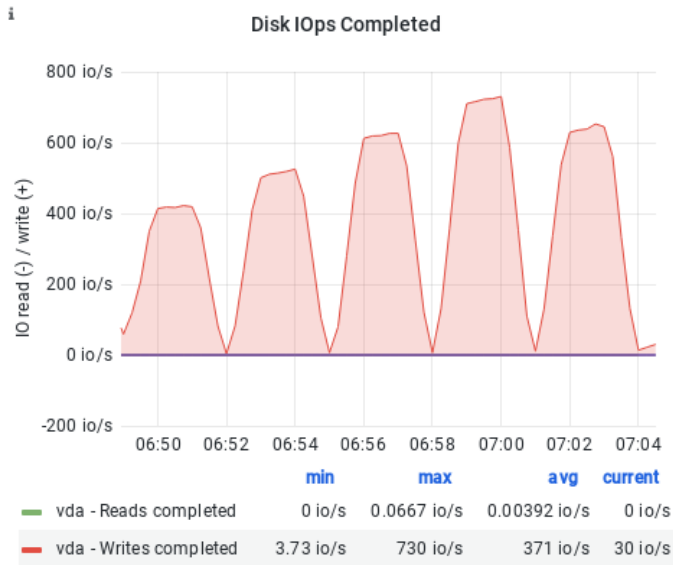


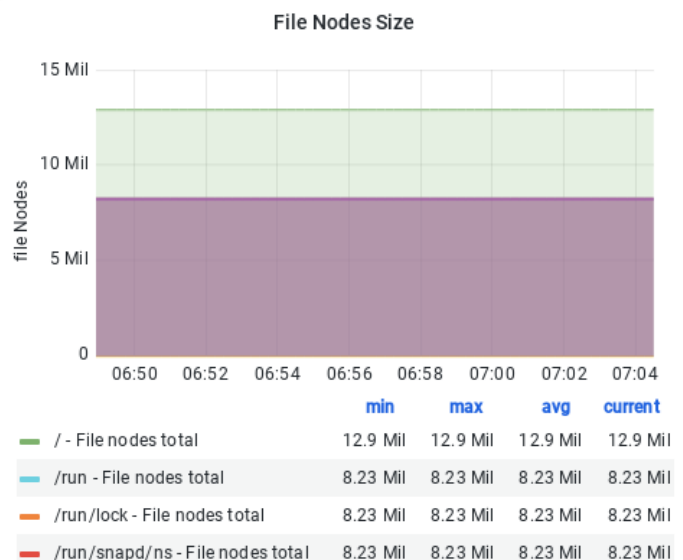
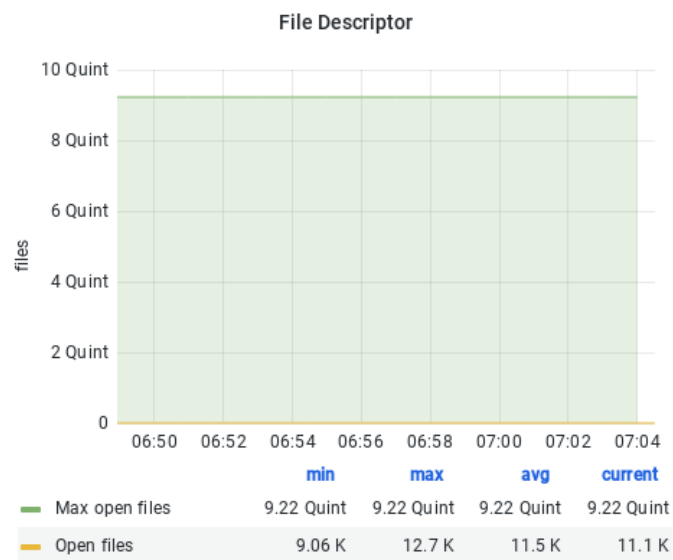
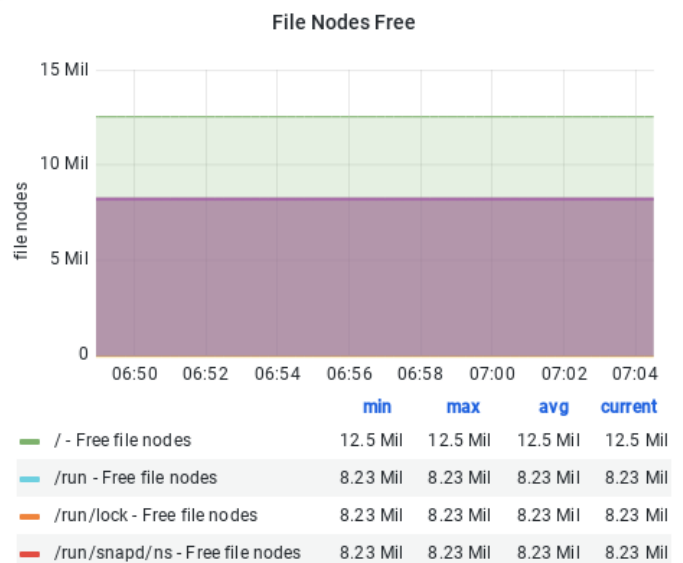
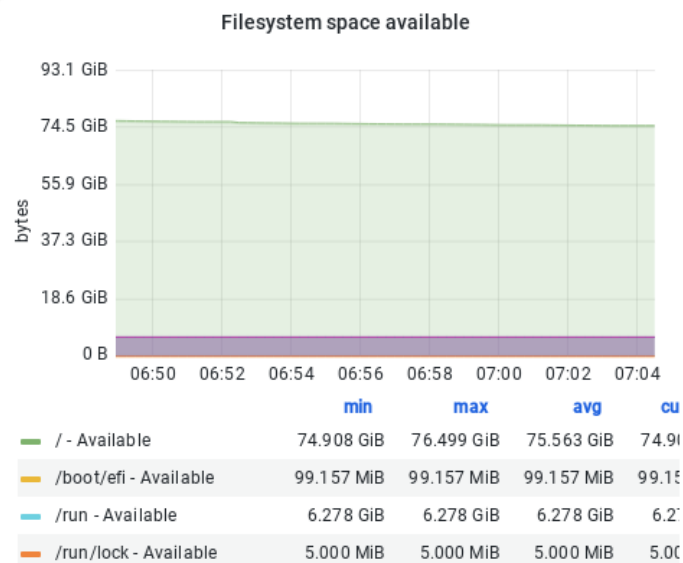
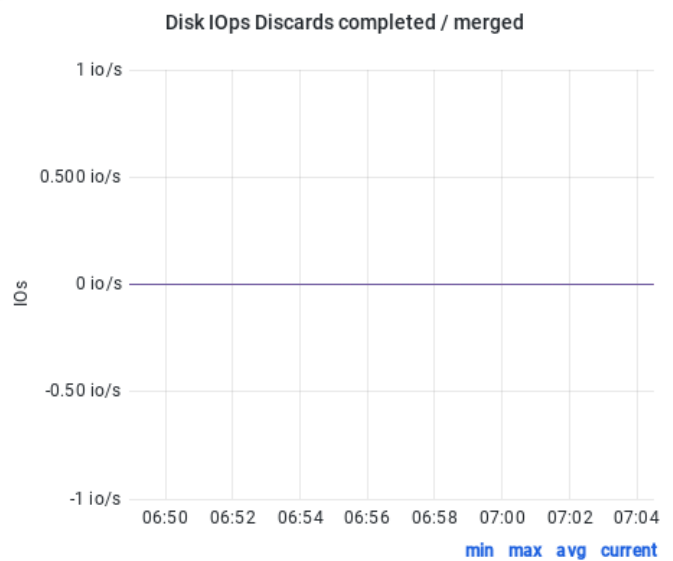
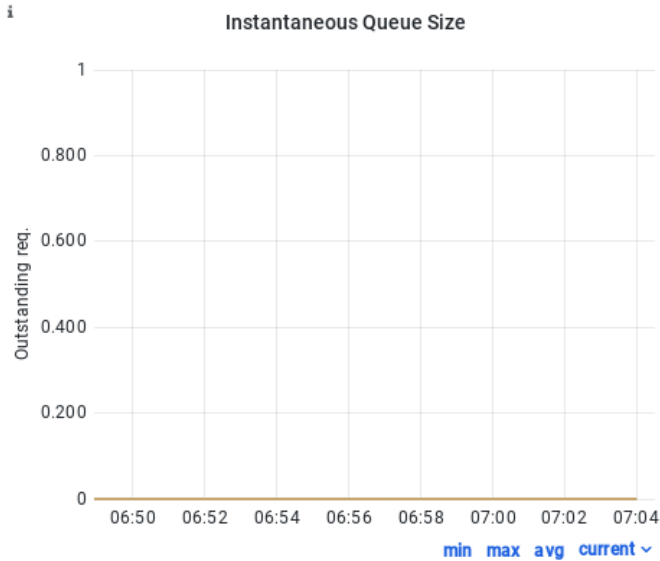
Systemd Sockets



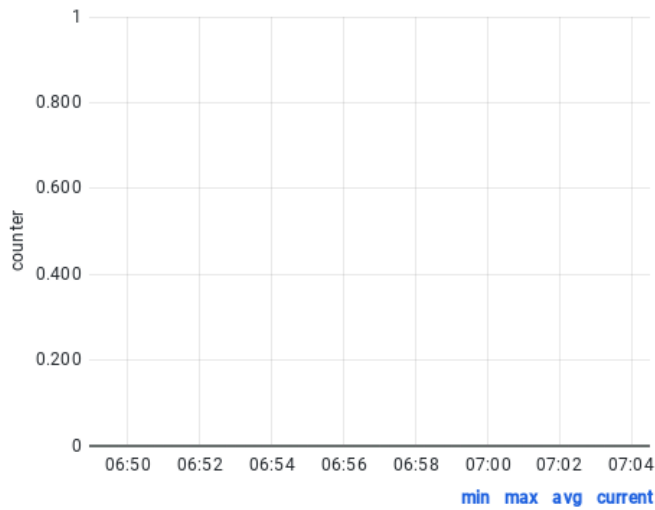
Systemd Units State



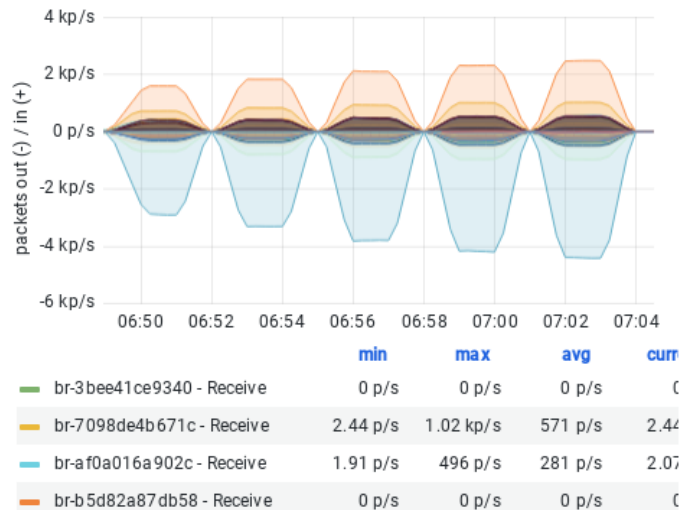




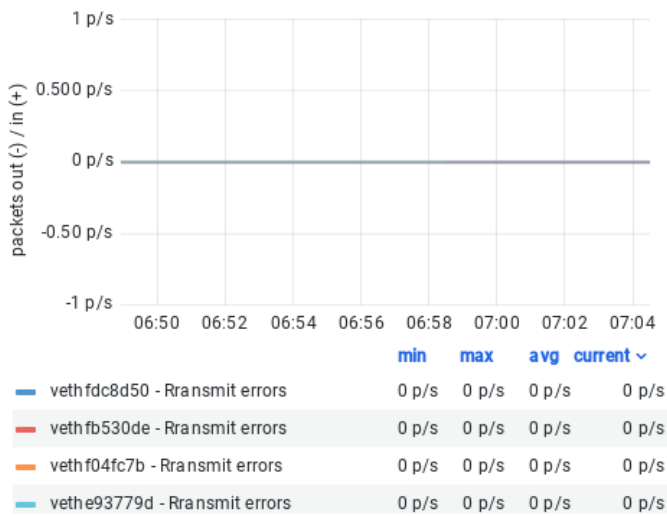
Filesystem in ReadOnly / Error



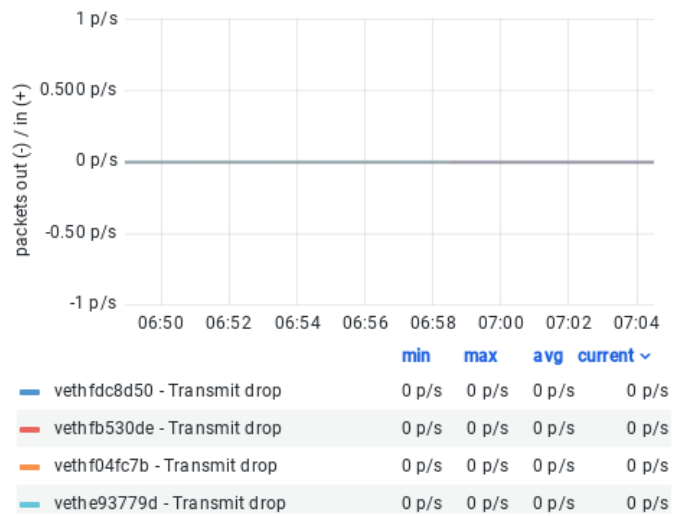
Network Traffic by Packets



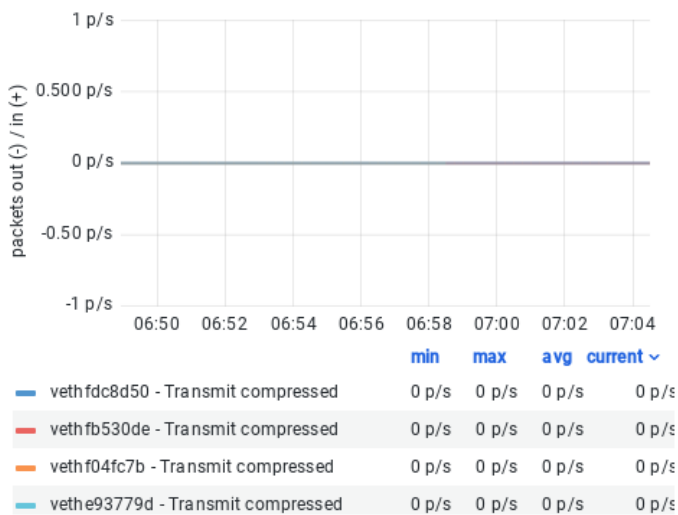
Network Traffic Errors



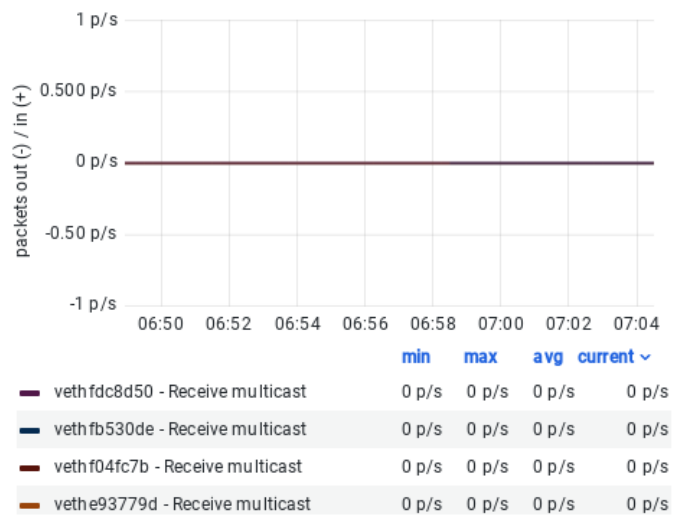
Network Traffic Drop



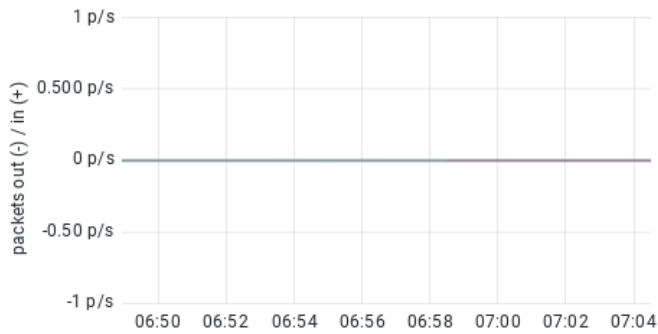
Network Traffic Compressed



Network Traffic Multicast

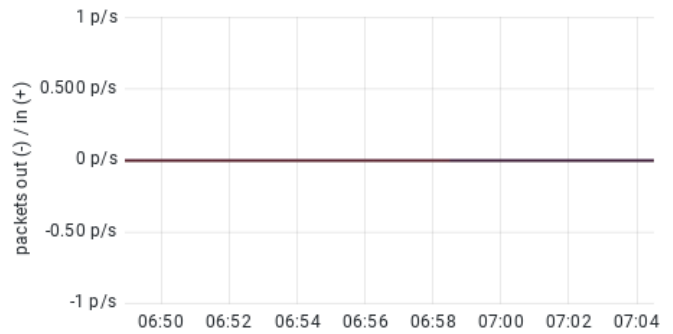


Network Traffic Fifo



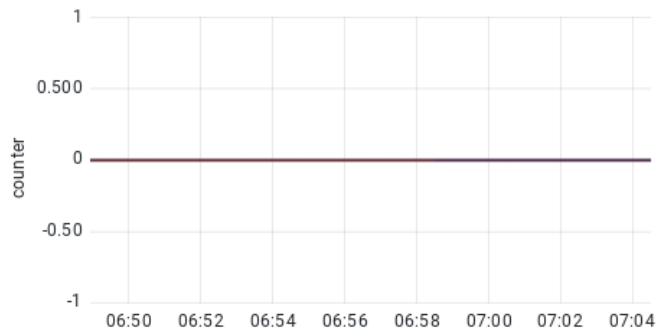
	min	max	avg	current
vethfdc8d50 - Transmit fifo	0 p/s	0 p/s	0 p/s	0 p/s
vethfb530de - Transmit fifo	0 p/s	0 p/s	0 p/s	0 p/s
vethf04fc7b - Transmit fifo	0 p/s	0 p/s	0 p/s	0 p/s
veth93779d - Transmit fifo	0 p/s	0 p/s	0 p/s	0 p/s

Network Traffic Frame



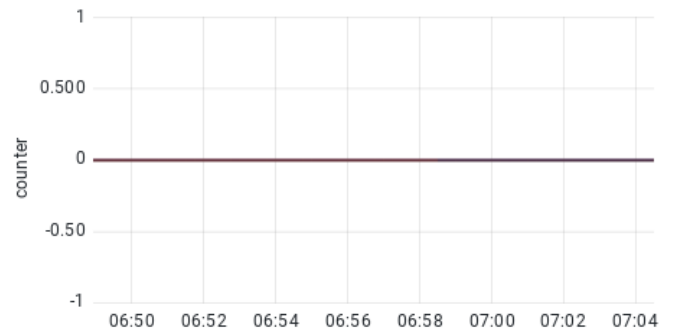
	min	max	avg	current
vethfdc8d50 - Receive frame	0 p/s	0 p/s	0 p/s	0 p/s
vethfb530de - Receive frame	0 p/s	0 p/s	0 p/s	0 p/s
vethf04fc7b - Receive frame	0 p/s	0 p/s	0 p/s	0 p/s
veth93779d - Receive frame	0 p/s	0 p/s	0 p/s	0 p/s

Network Traffic Carrier



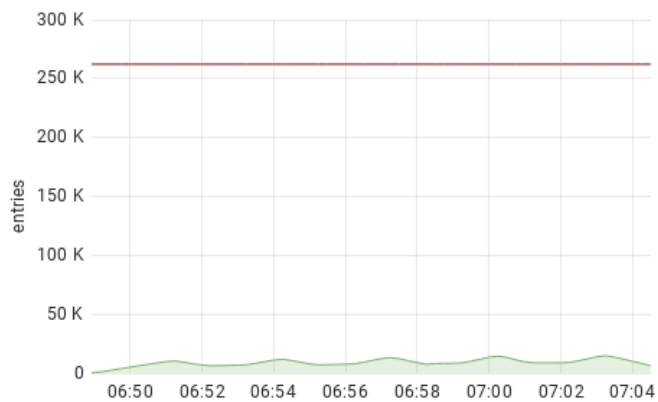
	min	max	avg	current
vethfdc8d50 - Statistic transmit_carrier	0	0	0	0
vethfb530de - Statistic transmit_carrier	0	0	0	0
vethf04fc7b - Statistic transmit_carrier	0	0	0	0
veth93779d - Statistic transmit_carrier	0	0	0	0

Network Traffic Colls



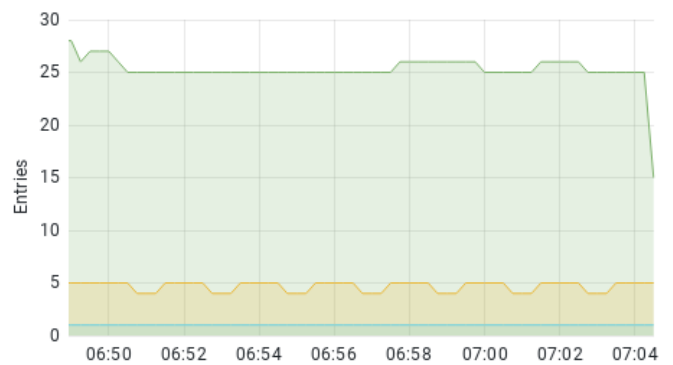
	min	max	avg	current
vethfdc8d50 - Transmit colls	0	0	0	0
vethfb530de - Transmit colls	0	0	0	0
vethf04fc7b - Transmit colls	0	0	0	0
veth93779d - Transmit colls	0	0	0	0

NF Contrack



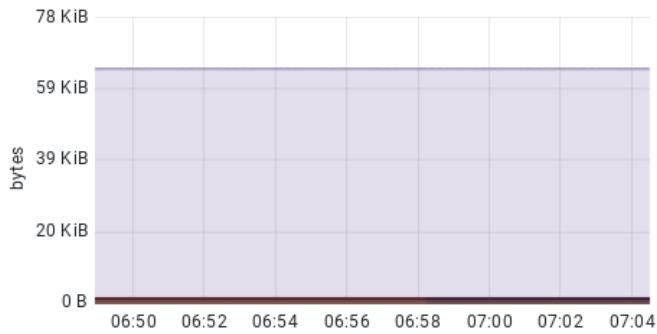
	min	max	avg	current
NF conntrack entries	350	14.8 K	8.80 K	6.31 K
NF conntrack limit	262 K	262 K	262 K	262 K

ARP Entries



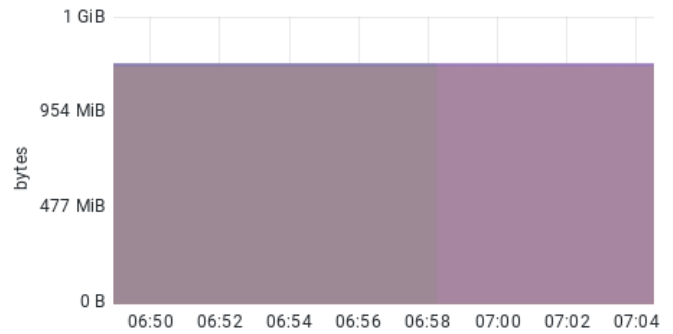
	min	max	avg	current
br-7098de4b671c - ARP entries	15	28	25.3	15
br-af0a016a902c - ARP entries	4	5	4.67	5
ens3 - ARP entries	1	1	1	1

MTU



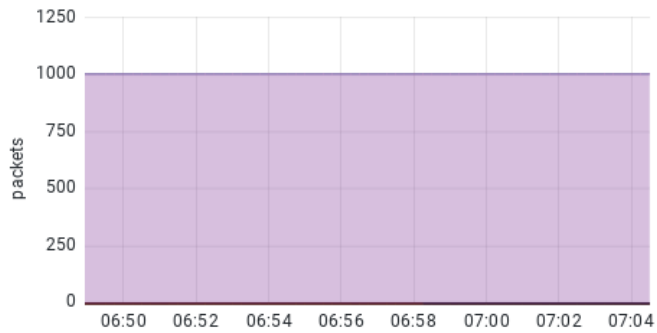
	min	max	avg	current
br-3bee41ce9340 - Bytes	1.5 KiB	1.5 KiB	1.5 KiB	1.5 KiB
br-7098de4b671c - Bytes	1.5 KiB	1.5 KiB	1.5 KiB	1.5 KiB
br-af0a016a902c - Bytes	1.5 KiB	1.5 KiB	1.5 KiB	1.5 KiB
br-b5d82a87db58 - Bytes	1.5 KiB	1.5 KiB	1.5 KiB	1.5 KiB

Speed



	min	max	avg	current
ens3 - Speed	-122.1 KiB	-122.1 KiB	-122.1 KiB	-122.1 KiB
veth00e163a - Speed	1.2 GiB	1.2 GiB	1.2 GiB	1.2 GiB
veth090728a - Speed	1.2 GiB	1.2 GiB	1.2 GiB	1.2 GiB
veth0931891 - Speed	1.2 GiB	1.2 GiB	1.2 GiB	1.2 GiB

Queue Length



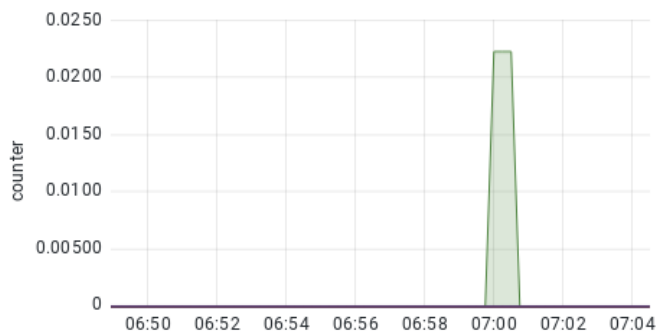
	min	max	a
br-3bee41ce9340 - Interface transmit queue length	0	0	
br-7098de4b671c - Interface transmit queue length	0	0	
br-af0a016a902c - Interface transmit queue length	0	0	
br-b5d82a87db58 - Interface transmit queue length	0	0	

Softnet Packets



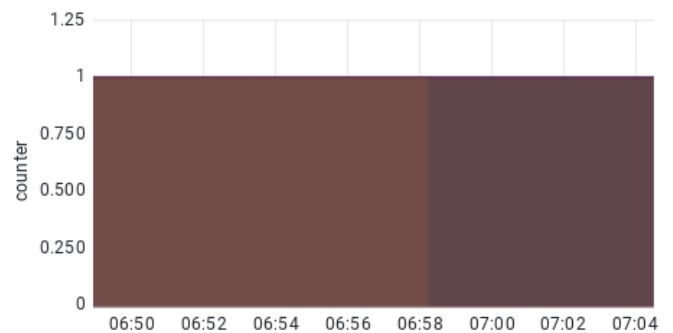
	min	max	avg	current	▼
CPU 4 - Processed	4.82	1.34 K	759	18.4	
CPU 1 - Processed	2.60	1.34 K	681	13.4	
CPU 6 - Processed	4.76	1.37 K	751	12.2	
CPU 12 - Processed	10.0	1.38 K	766	11.3	

Softnet Out of Quota



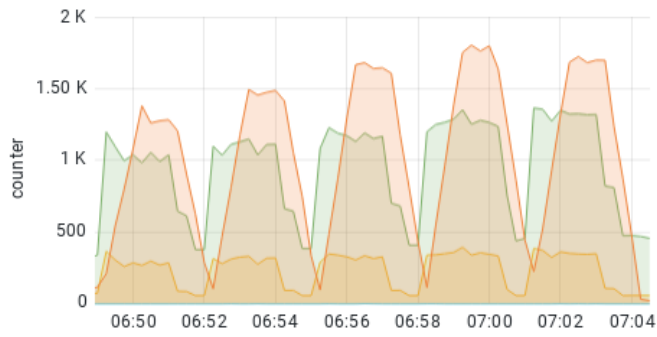
	min	max	avg	current	▼
CPU 9 - Squeezed	0	0	0	0	
CPU 8 - Squeezed	0	0	0	0	
CPU 7 - Squeezed	0	0	0	0	
CPU 6 - Squeezed	0	0	0	0	

Network Operational Status



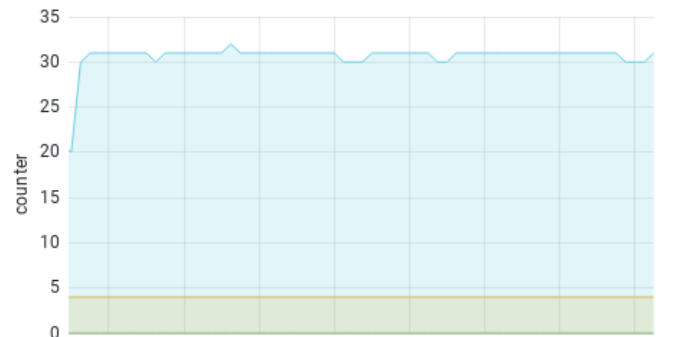
	min	max	avg	current	▼
vethfdc8d50 - Physical link state	1	1	1	1	
vethfb530de - Physical link state	1	1	1	1	
vethf04fc7b - Physical link state	1	1	1	1	
vethe93779d - Physical link state	1	1	1	1	

Sockstat TCP



	min	max	avg	current
TCP_alloc - Allocated sockets	319	1.37 K	948	458
TCP_inuse - Tcp sockets currently in use	59	395	237	60
TCP_orphan - Orphan sockets	0	2	0.172	0
TCP_tw - Sockets wating close	24	1.80 K	1.02 K	24

Sockstat UDP



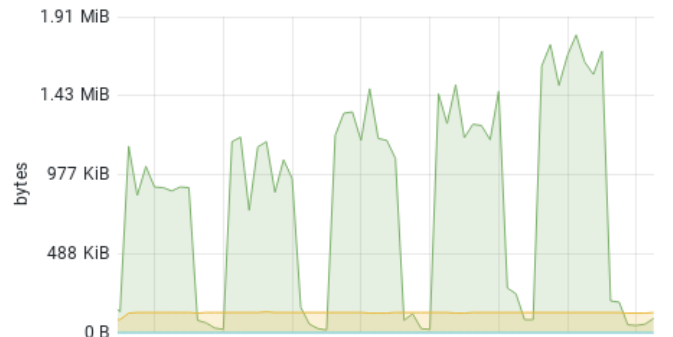
	min	max	avg	current
UDPLITE_inuse - Udplite sockets currently in use	0	0	0	0
UDP_inuse - Udp sockets currently in use	4	4	4	4
UDP_mem - Used memory for udp	20	32	30.5	31

Sockstat FRAG / RAW



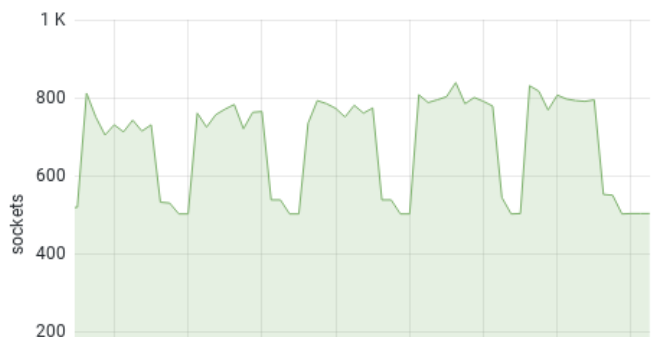
	min	max	avg	current
FRAG_inuse - Frag sockets currently in use	0	0	0	0
RAW_inuse - Raw sockets currently in use	0	0	0	0

Sockstat Memory Size



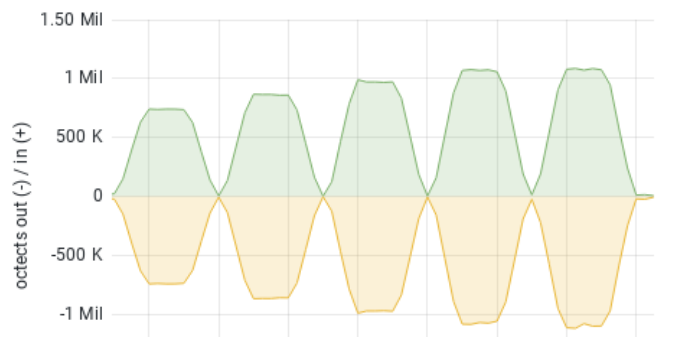
	min	max	avg	curre
mem_bytes - TCP sockets in that state	16 KiB	1.80 MiB	820 KiB	88
mem_bytes - UDP sockets in that state	80 KiB	128 KiB	122 KiB	124
FRAG_memory - Used memory for frag	0 B	0 B	0 B	

Sockstat Used



	min	max	avg	current
Sockets_used - Sockets currently in use	503	839	682	504

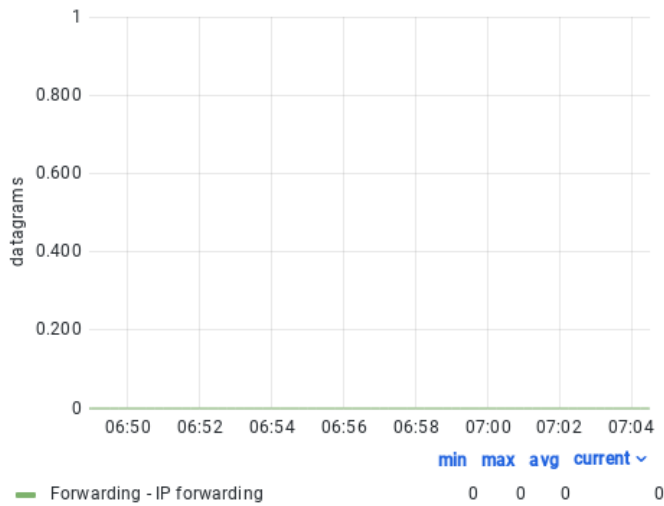
Netstat IP In / Out Octets



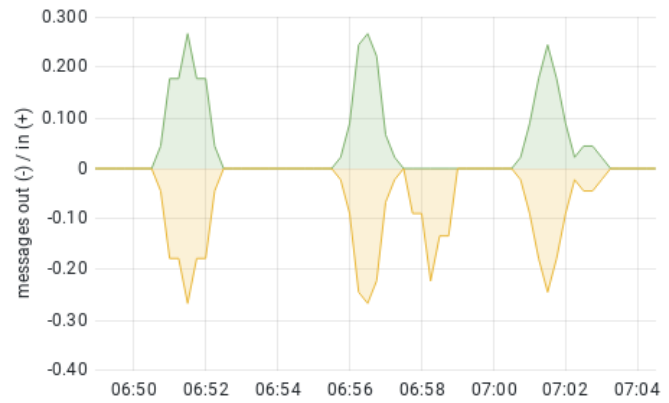
	min	max	avg	current
OutOctets - Sent octets	3.44 K	1.12 Mil	603 K	7.62 K
InOctets - Received octets	1.86 K	1.09 Mil	596 K	6.18 K



Netstat IP Forwarding



ICMP In / Out



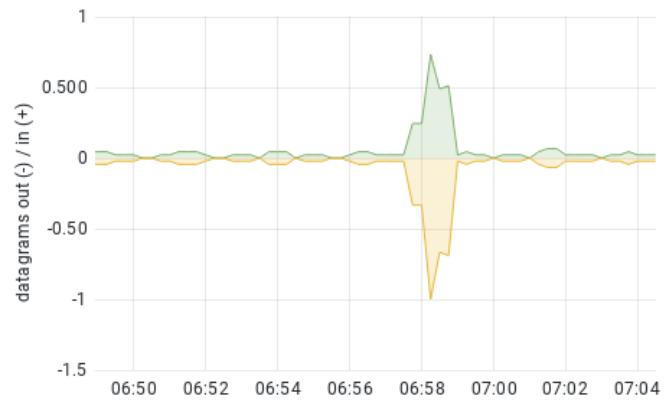
OutMsgs - Messages which this entity attempted to send. Note that this counte

InMsgs - Messages which the entity received. Note that this counter includes al

ICMP Errors



UDP In / Out



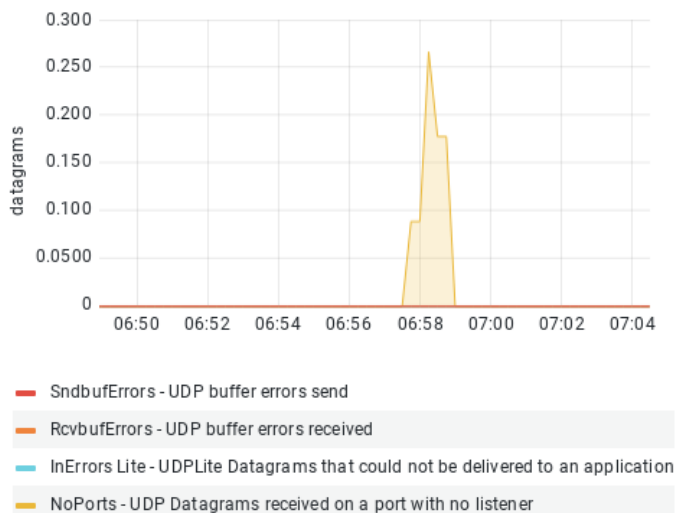
min max avg current

0	1	0.0701	0.0222
0	0.733	0.0576	0.0222

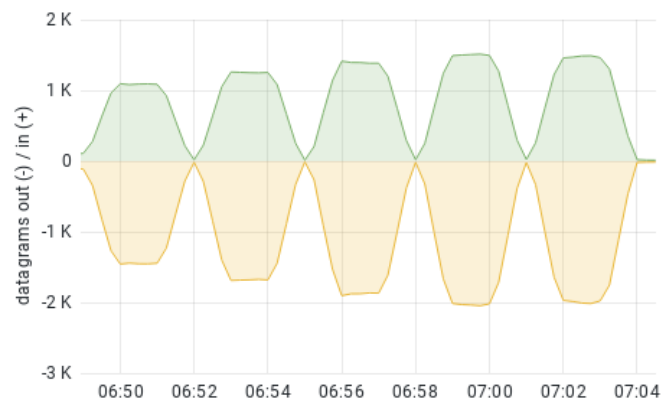
OutDatagrams - Datagrams sent

InDatagrams - Datagrams received

UDP Errors



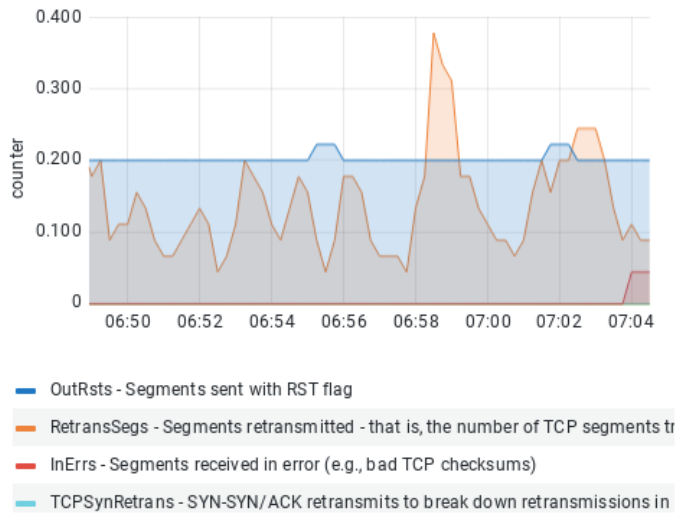
TCP In / Out



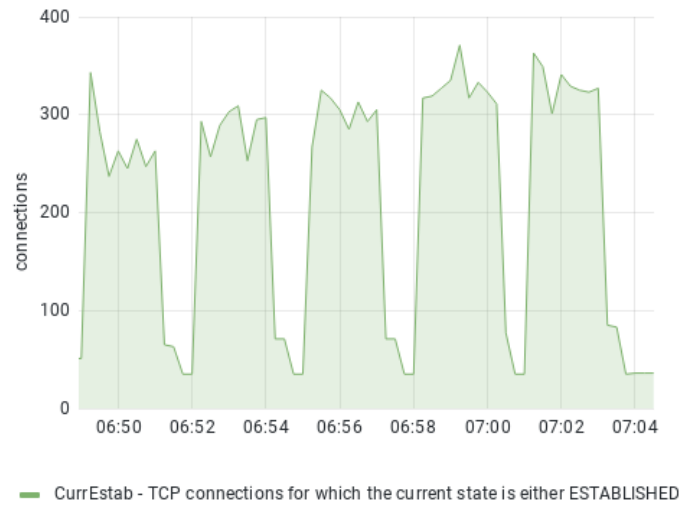
OutSegs - Segments sent, including those on current connections but excluding

InSegs - Segments received, including those received in error. This count includ

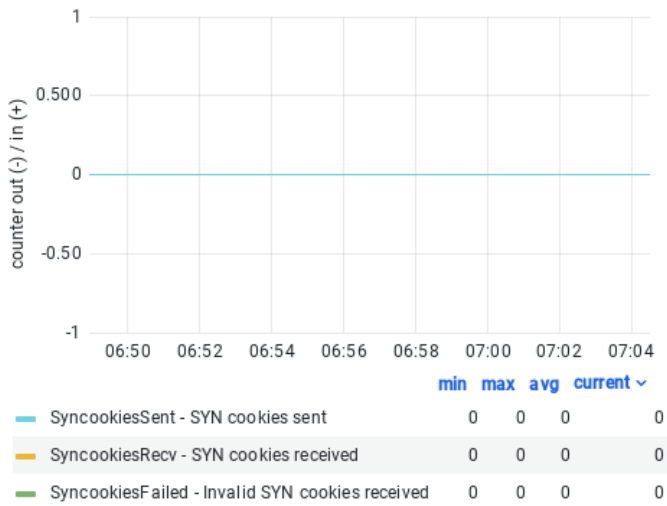
TCP Errors



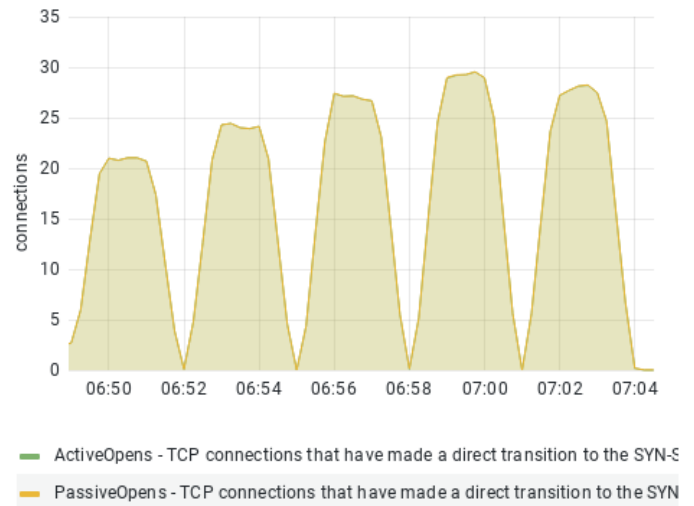
TCP Connections



TCP SynCookie



TCP Direct Transition



Node Exporter Scrape Time



Node Exporter Scrape

