

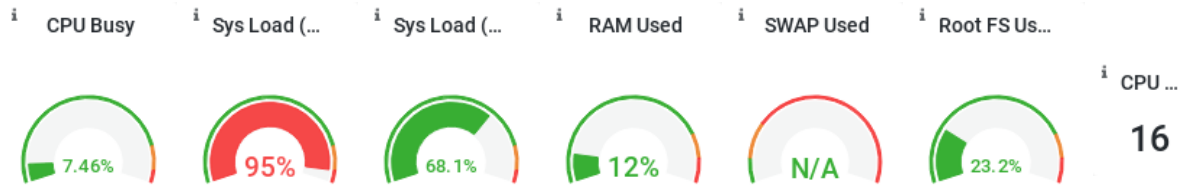
Host Metrics

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

Tue Mar 8 06:52:55 UTC 2022

to

Tue Mar 8 07:02:14 UTC 2022

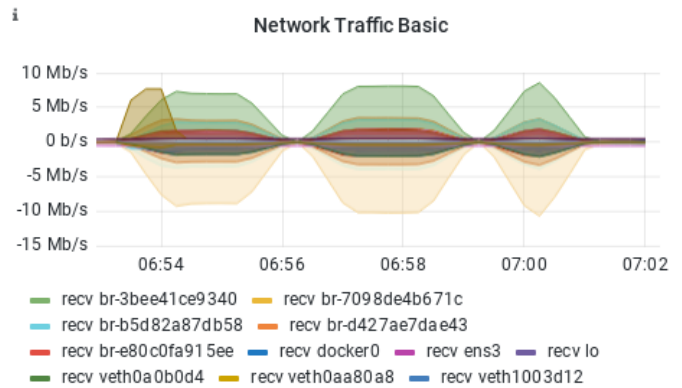
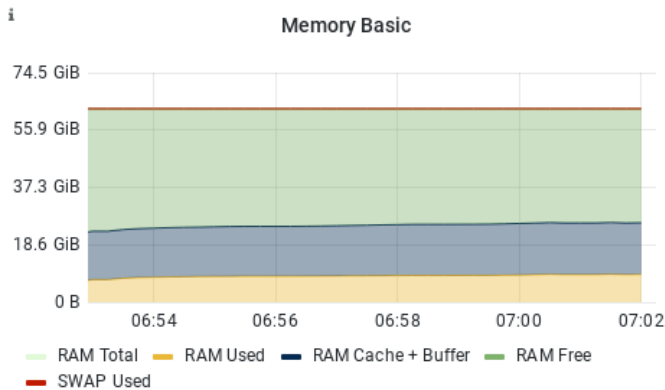
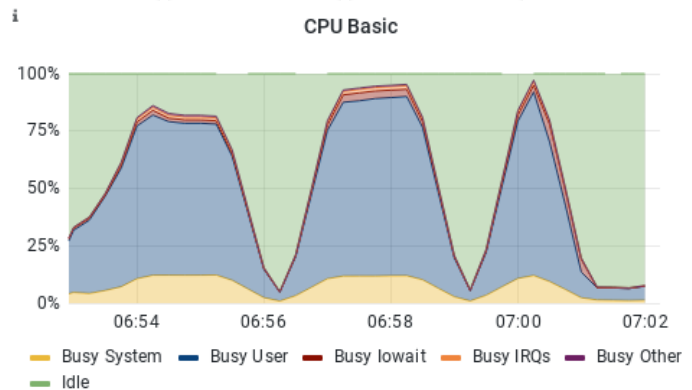


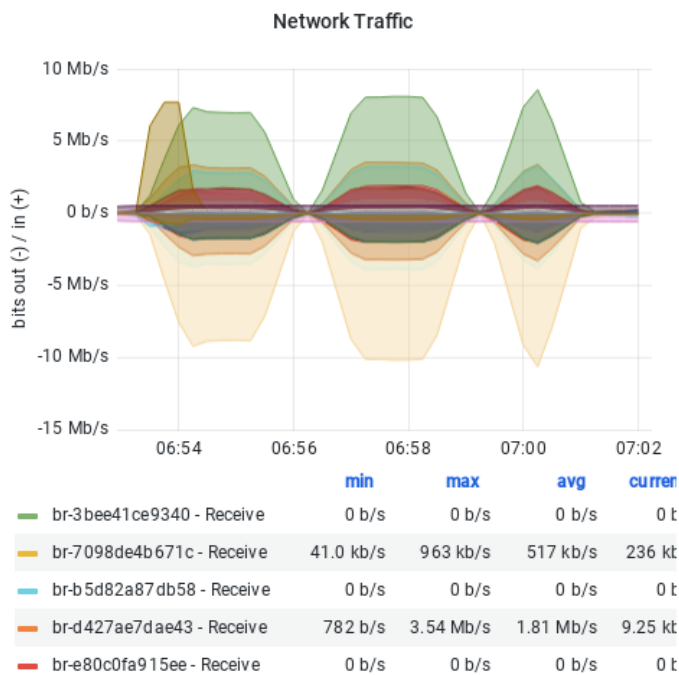
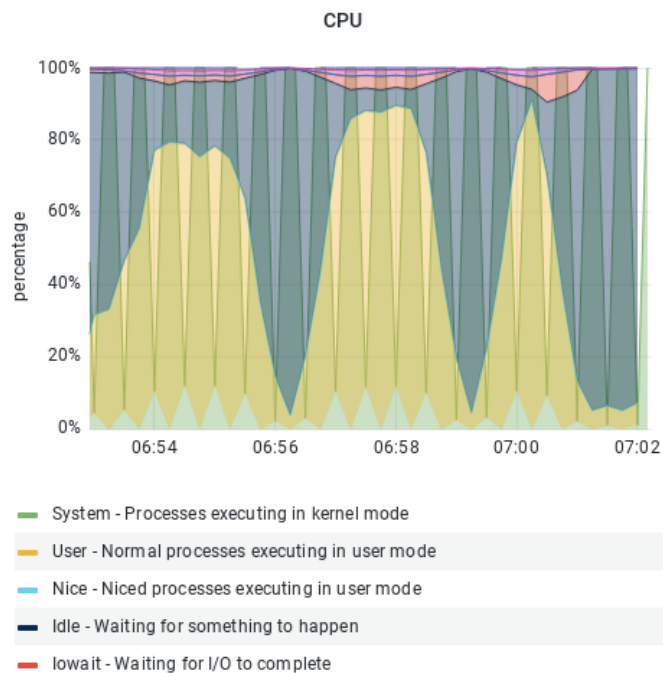
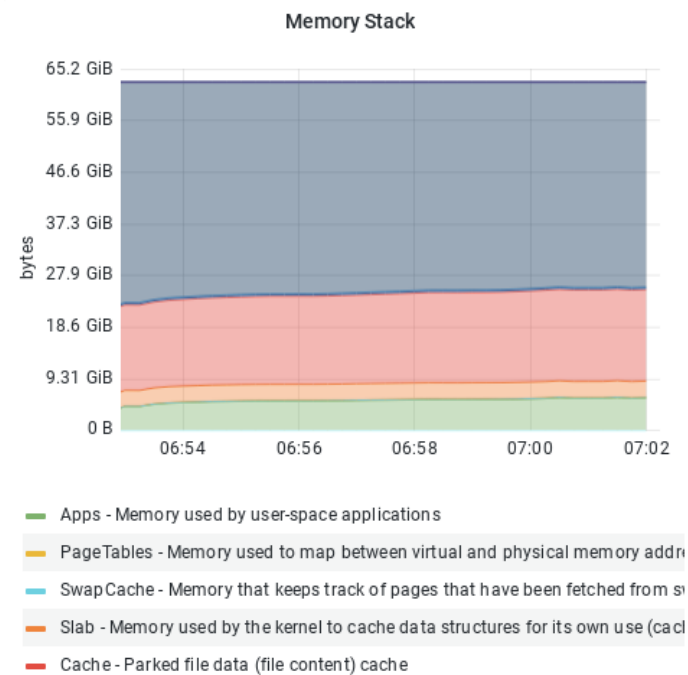
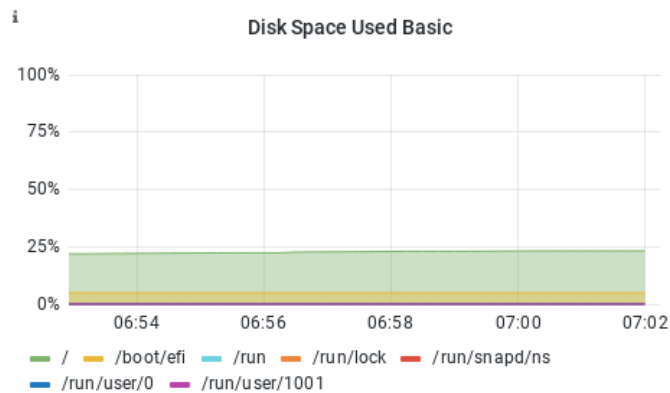
Uptime: 21.0 week

Root FS Used: 97 GiB

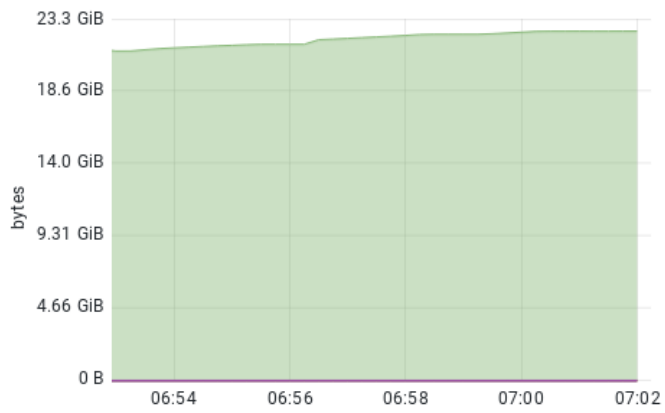
RAM Used: 63 GiB

SWAP Used: 0 B





Disk Space Used



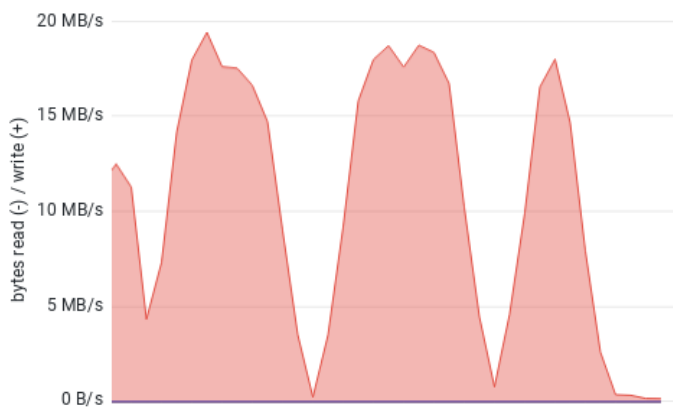
	min	max	avg	current ^
/run/lock	0 B	0 B	0 B	0 B
/run/user/0	0 B	0 B	0 B	0 B
/run/user/1001	0 B	0 B	0 B	0 B
/run	3.648 MiB	3.848 MiB	3.842 MiB	3.848 MiB
/run/snapd/ns	3.648 MiB	3.848 MiB	3.842 MiB	3.848 MiB

Disk IOps



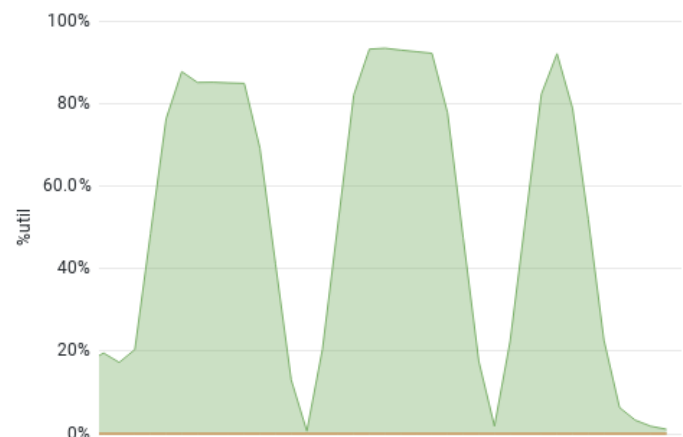
	min	max	avg	current
vda - Writes completed	7.98 io/s	618 io/s	325 io/s	9.64 io/s

I/O Usage Read / Write



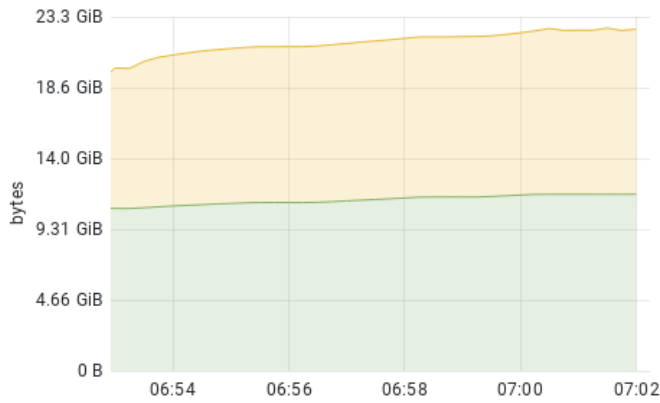
	min	max	avg
vda - Successfully read bytes	0 B/s	0 B/s	0 B/s
vdb - Successfully read bytes	0 B/s	0 B/s	0 B/s
vdc - Successfully read bytes	0 B/s	0 B/s	0 B/s
vdd - Successfully read bytes	0 B/s	0 B/s	0 B/s
vda - Successfully written bytes	156.289 kB/s	19.393 MB/s	10.646 MB/s

I/O Utilization



	min	max	avg	current
vda	0.613%	93.335%	50.719%	1.058%
vdb	0%	0%	0%	0%
vdc	0%	0%	0%	0%
vdd	0%	0%	0%	0%

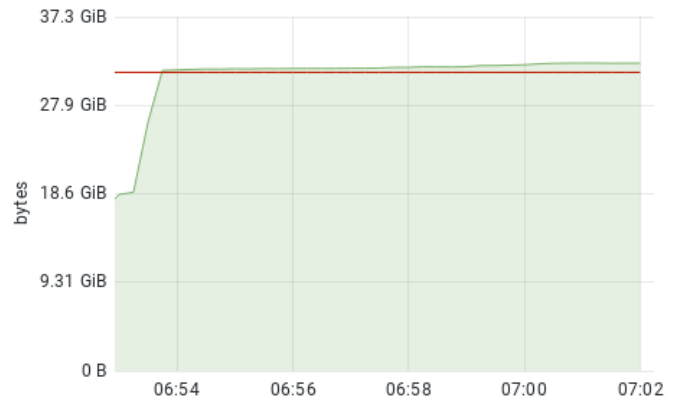
Memory Active / Inactive



— 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

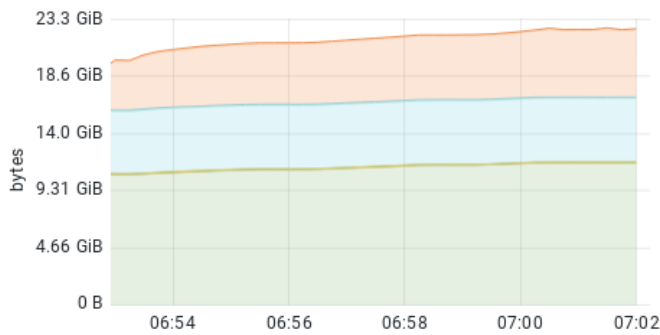
Memory Committed



— 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



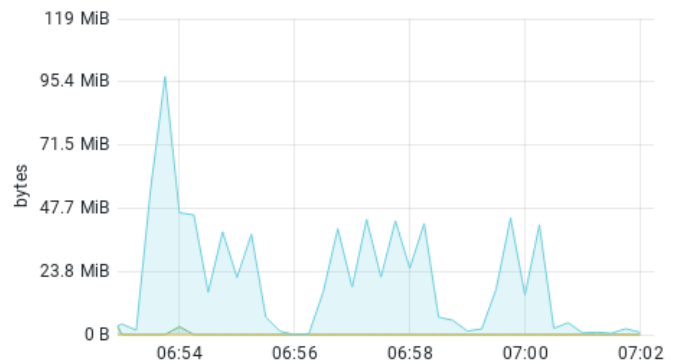
— Inactive_file - File-backed memory on inactive LRU list

— 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



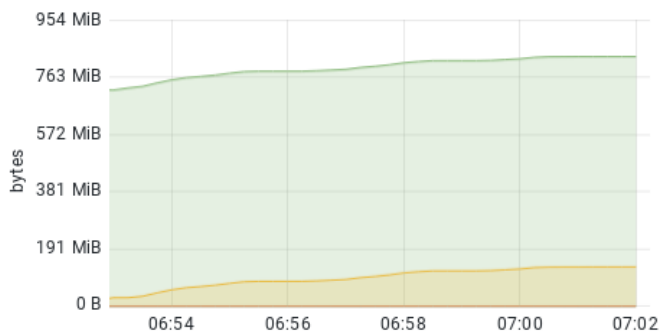
— Writeback - Memory which is actively being written back to disk

— WritebackTmp - Memory used by FUSE for temporary writeback buffers

— Dirty - Memory which is waiting to get written back to the disk

20.0

Memory Shared and Mapped



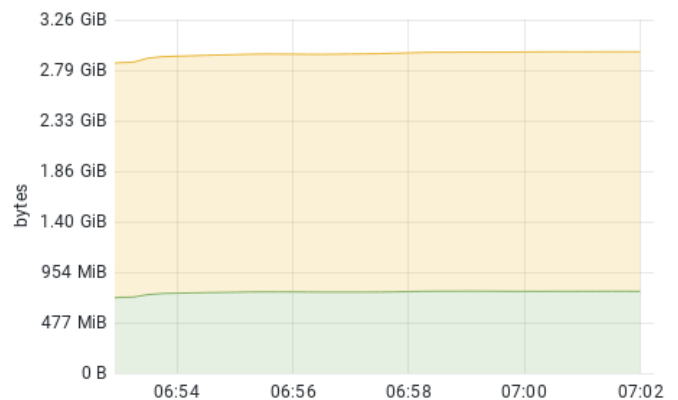
— Mapped - Used memory in mapped pages files which have been mmaped, such

— Shmem - Used shared memory (shared between several processes, thus includ

— ShmemHugePages - Memory used by shared memory (shmem) and tmpfs allc

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

Memory Slab

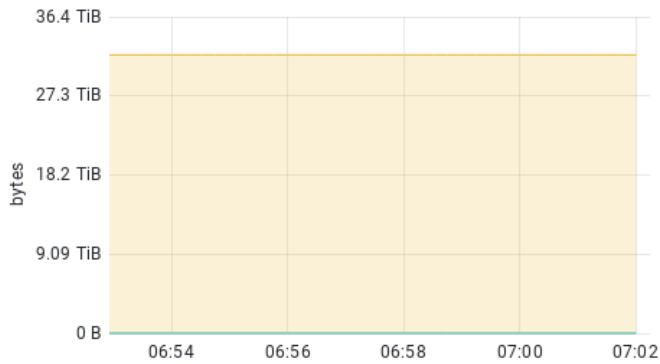


— SUnreclaim - Part of Slab, that cannot be reclaimed on memory pressure

— SReclaimable - Part of Slab, that might be reclaimed, such as caches

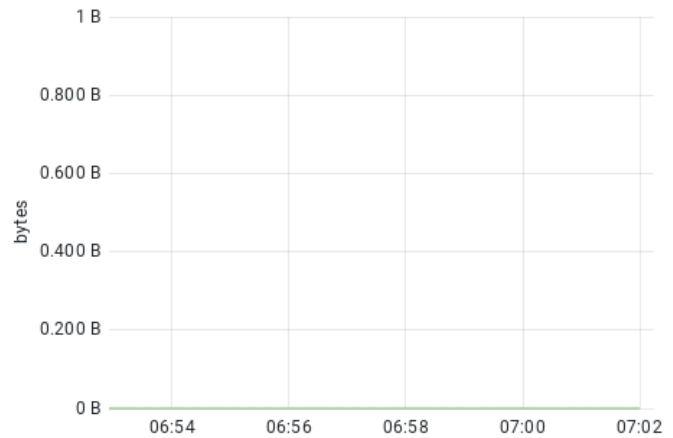
70

Memory Vmalloc



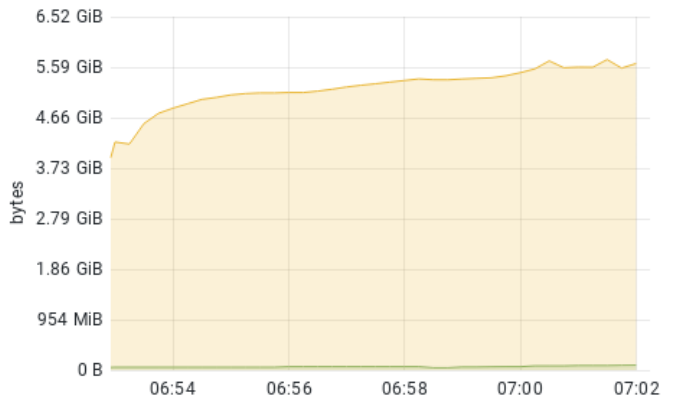
VmallocChunk - Largest contiguous block of vmalloc area which is free
 VmallocTotal - Total size of vmalloc memory area 32.0
 VmallocUsed - Amount of vmalloc area which is used 43.7

Memory Bounce



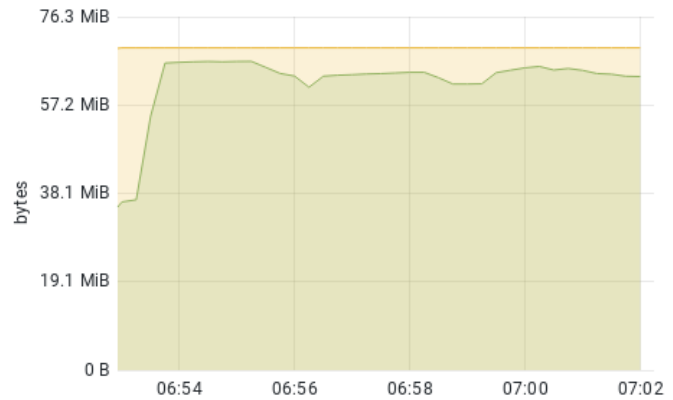
Bounce - Memory used for block device bounce buffers 0 B 0 B 0 B
 min max avg curr

Memory Anonymous



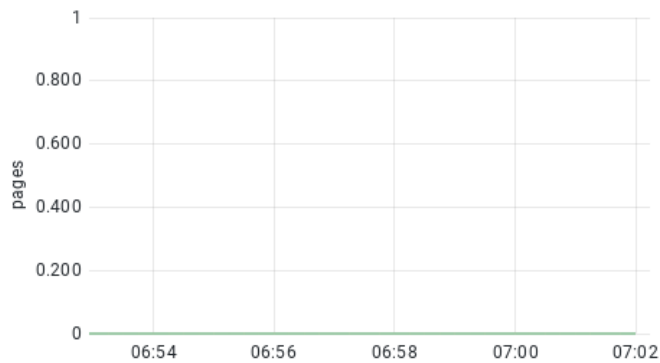
AnonHugePages - Memory in anonymous huge pages 44.00 MiB 92.00 MiB
 AnonPages - Memory in user pages not backed by files 3.22 GiB 5.73 GiB
 min max

Memory Kernel / CPU



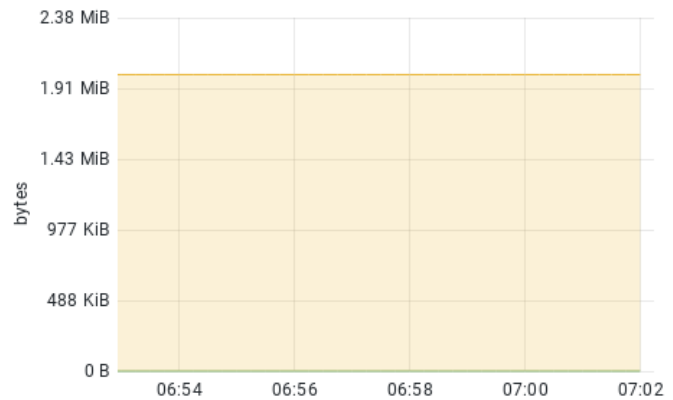
KernelStack - Kernel memory stack. This is not reclaimable 32.4
 PerCPU - Per CPU memory allocated dynamically by loadable modules 69.1

Memory HugePages Counter



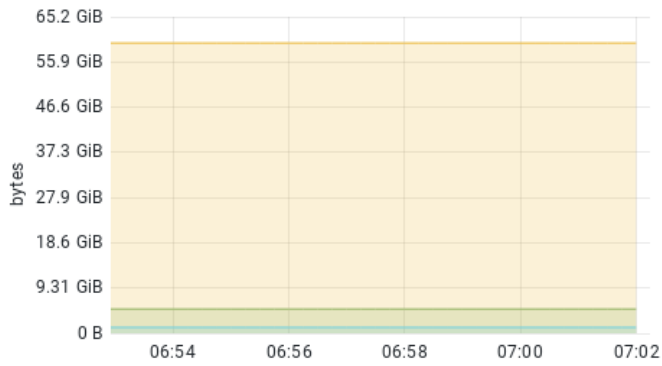
HugePages_Free - Huge pages in the pool that are not yet allocated
 HugePages_Rsvd - Huge pages for which a commitment to allocate from the pool has been made but which are not yet allocated
 HugePages_Surp - Huge pages in the pool above the value in /proc/sys/vm/nr_hugepages

Memory HugePages Size



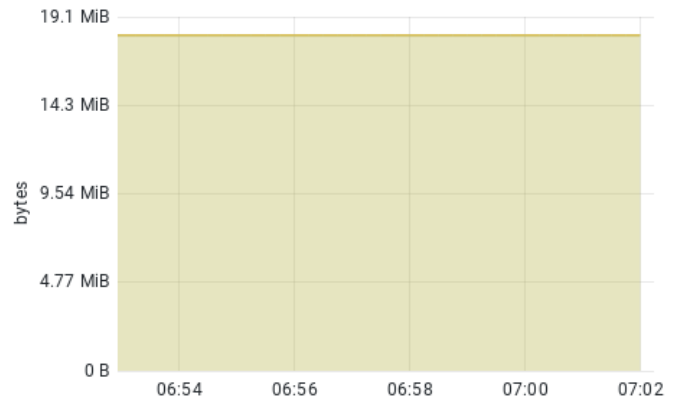
HugePages - Total size of the pool of huge pages 0 B 0 B
 Hugepagesize - Huge Page size 2.00 MiB 2.00 MiB 2.00 MiB
 min max curr

Memory DirectMap



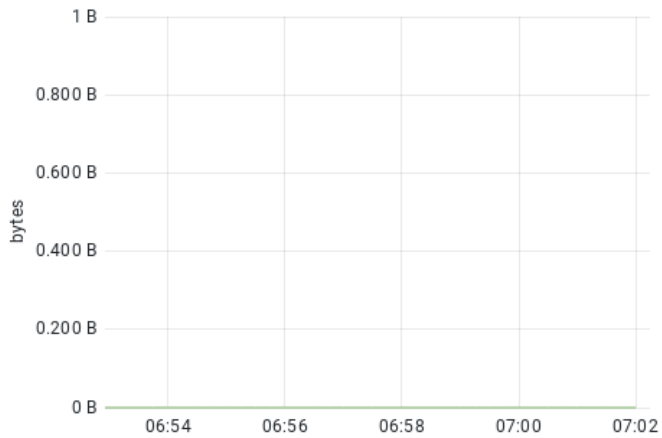
	min	max
DirectMap1G - Amount of pages mapped as this size	5.00 GiB	5.00 GiB
DirectMap2M - Amount of pages mapped as this size	59.79 GiB	59.79 GiB
DirectMap4K - Amount of pages mapped as this size	1.20 GiB	1.20 GiB

Memory Unevictable and MLocked



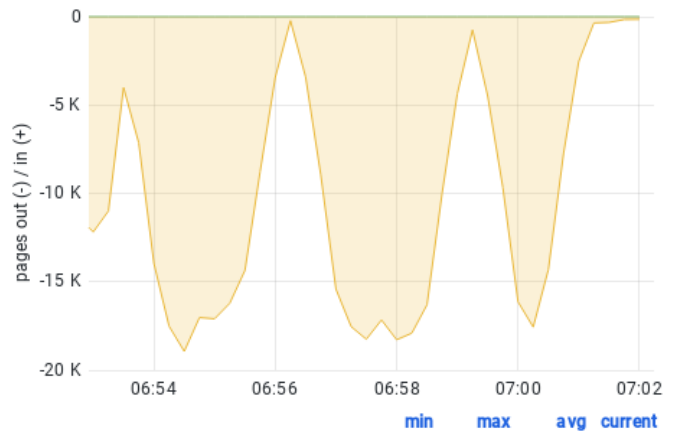
Unevictable - Amount of unevictable memory that can't be swapped out for a v	
MLocked - Size of pages locked to memory using the mlock() system call	

Memory NFS



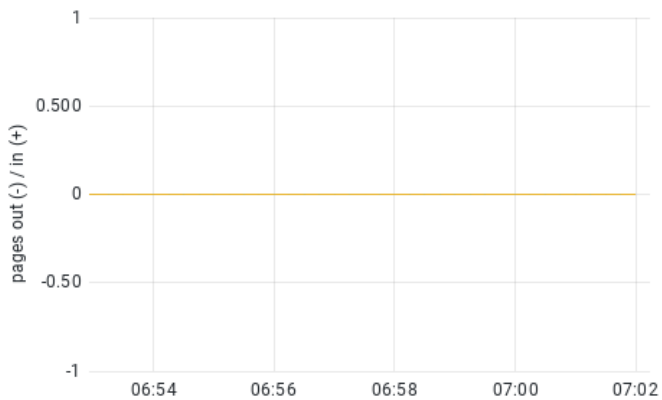
NFS Unstable - Memory in NFS pages sent to the server, but not yet committed	
--	--

Memory Pages In / Out



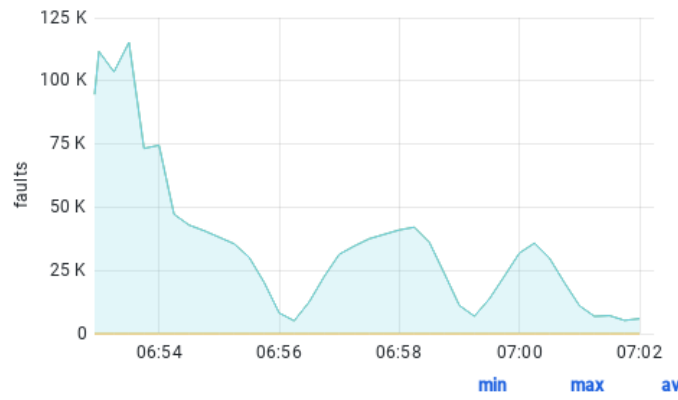
	min	max	avg	current
Pagesin - Page in operations	0	0	0	0
Pagesout - Page out operations	153	18.9 K	10.4 K	153

Memory Pages Swap In / Out



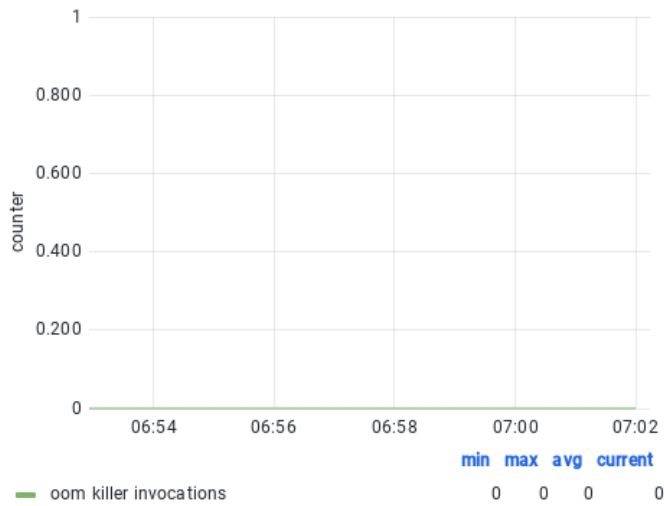
	min	max	avg	current
Pswpin - Pages swapped in	0	0	0	0
Pswpout - Pages swapped out	0	0	0	0

Memory Page Faults

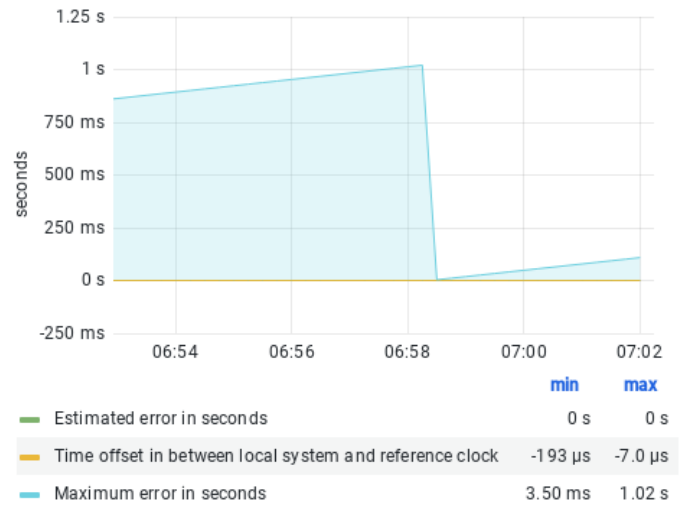


	min	max	av
Pgfault - Page major and minor fault operations	5.05 K	115.21 K	34.9
Pgmajfault - Major page fault operations	0	0	
Pgminfault - Minor page fault operations	5.05 K	115.21 K	34.9

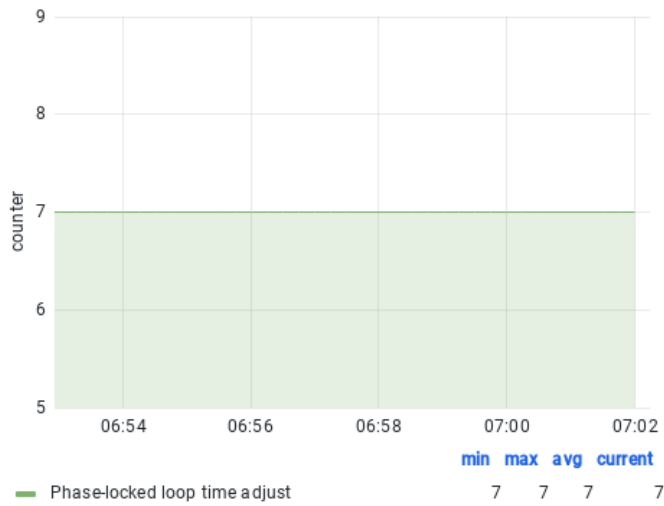
OOM Killer



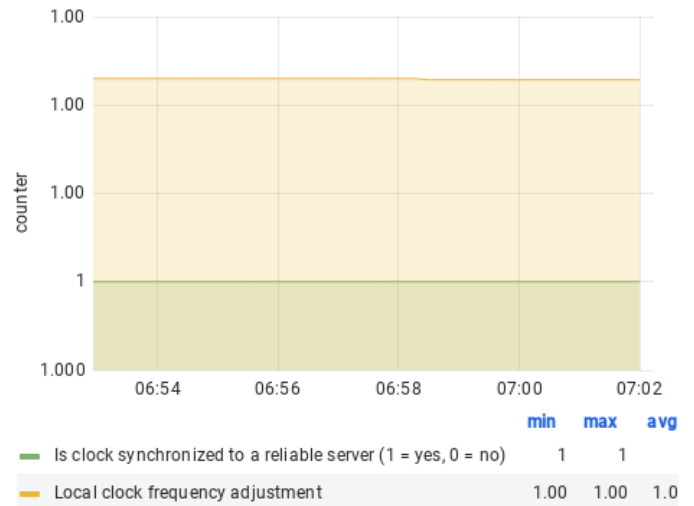
Time Synchronized Drift



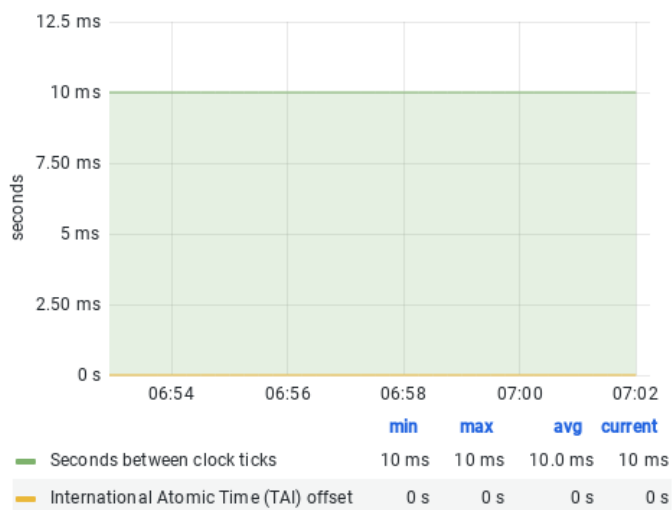
Time PLL Adjust



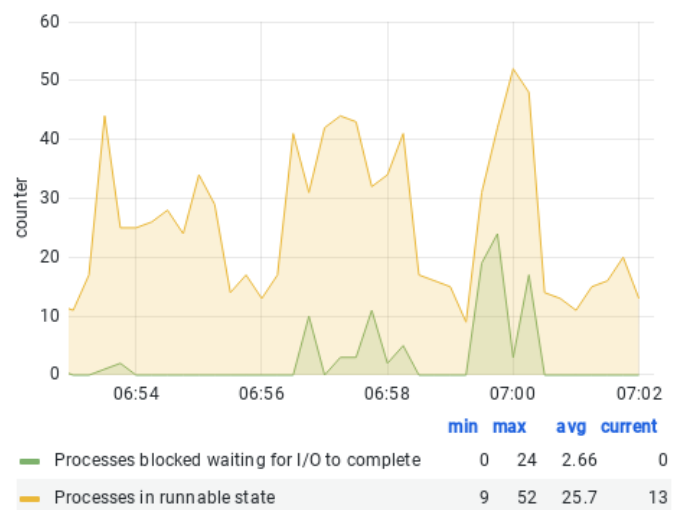
Time Synchronized Status



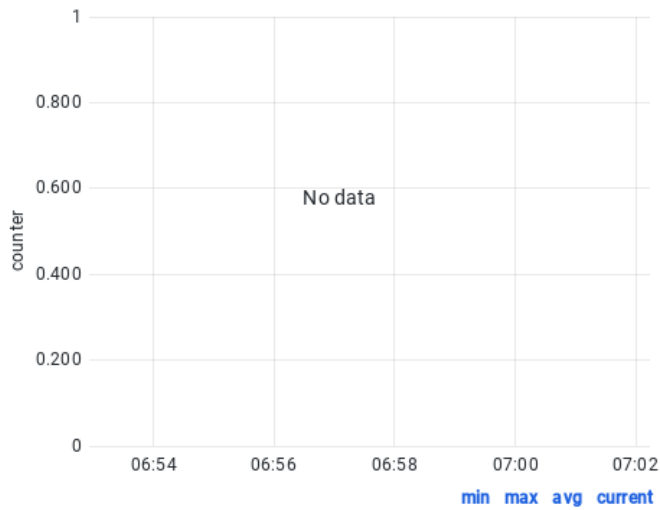
Time Misc



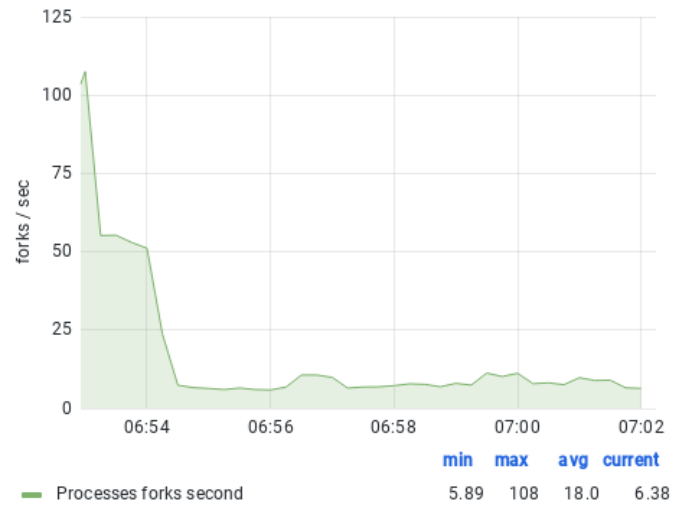
Processes Status



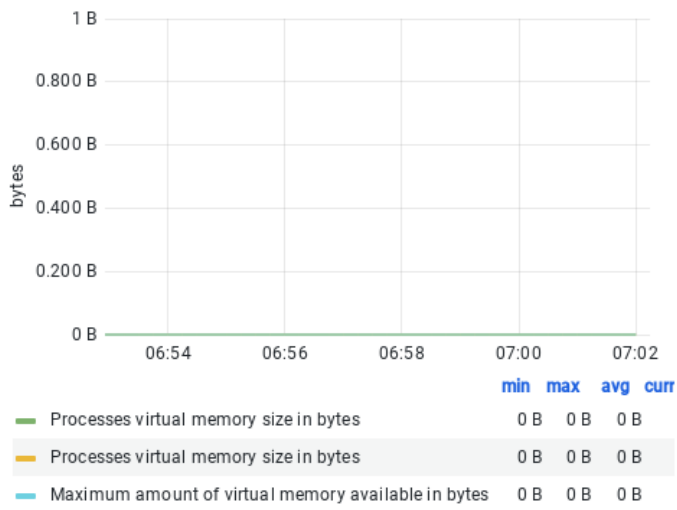
Processes State



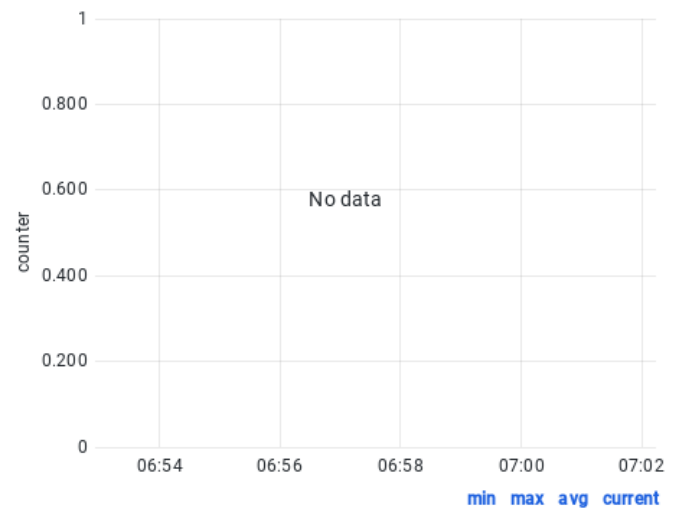
Processes Forks



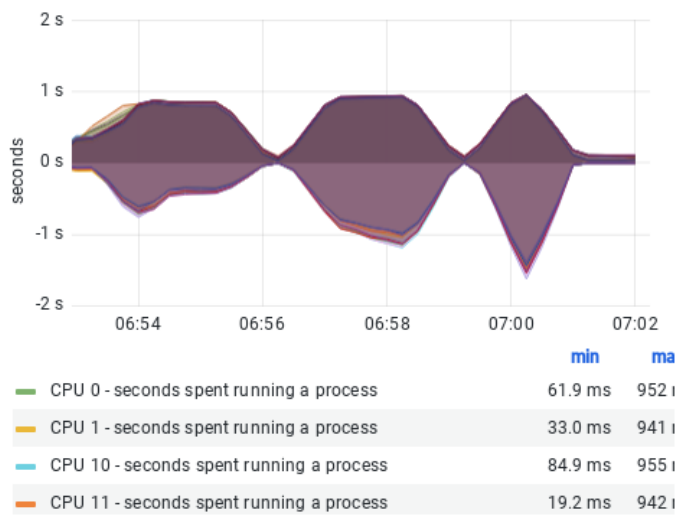
Processes Memory



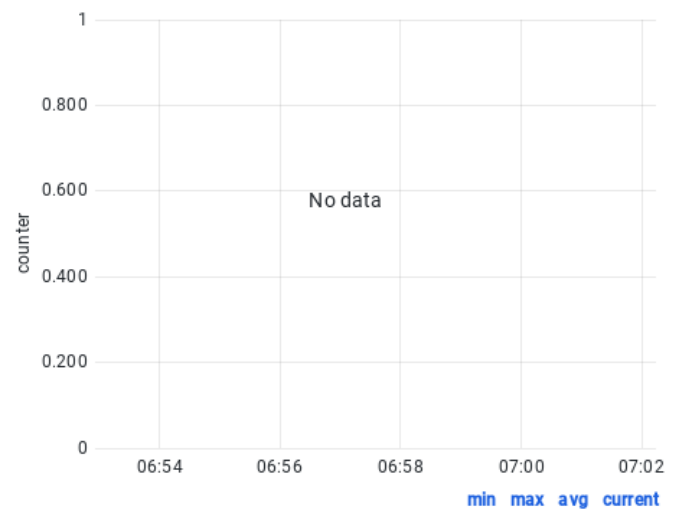
PIDs Number and Limit



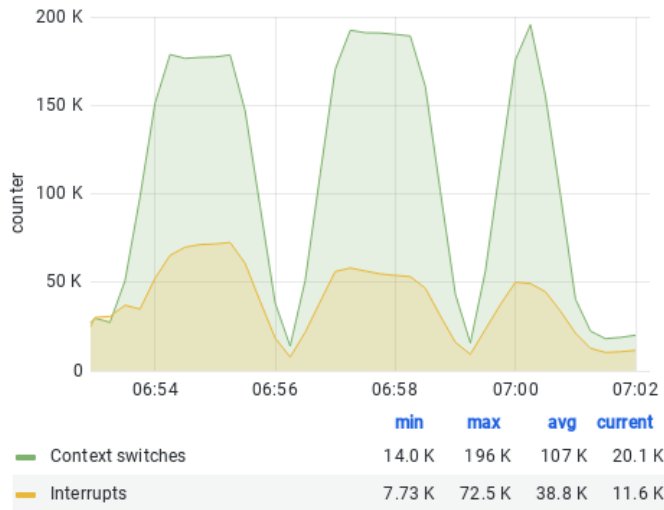
Process schedule stats Running / Waiting



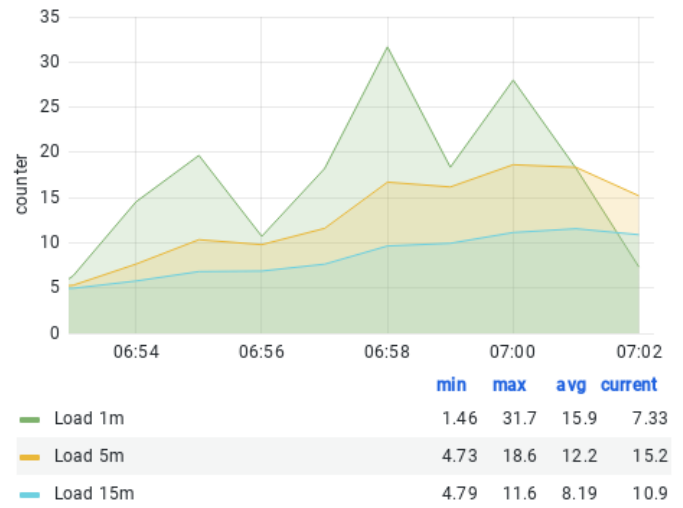
Threads Number and Limit



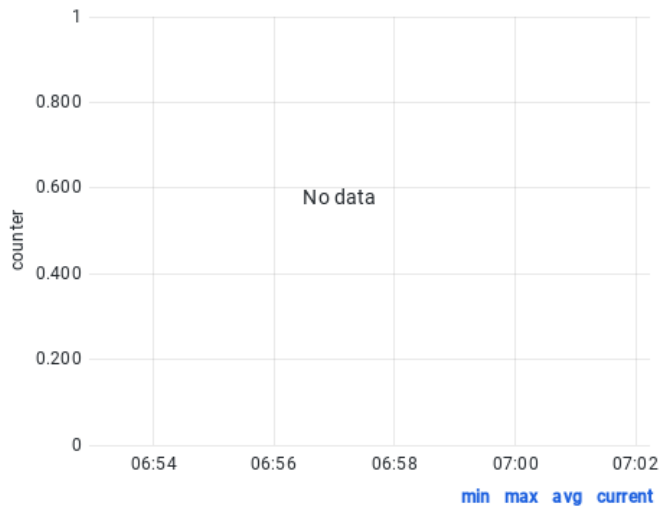
Context Switches / Interrupts



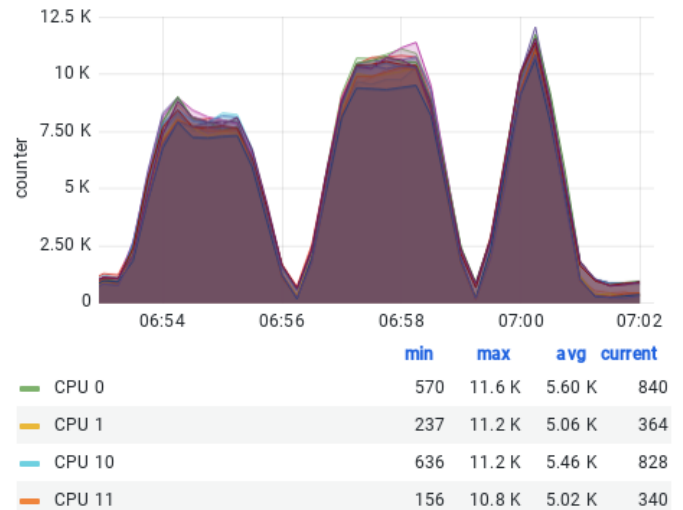
System Load



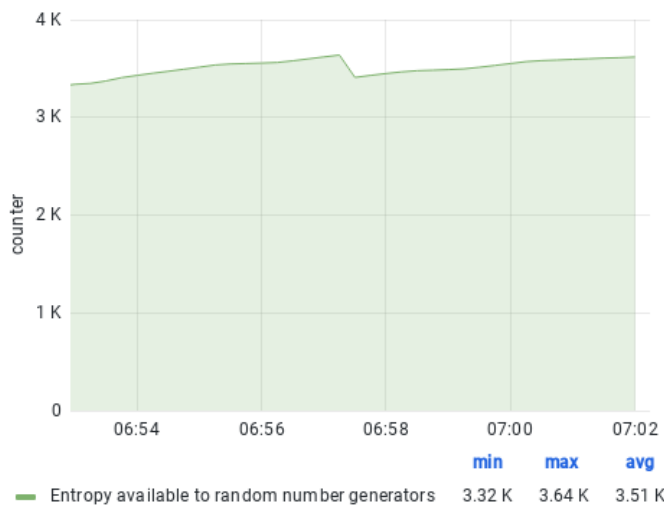
Interrupts Detail



Schedule timeslices executed by each cpu



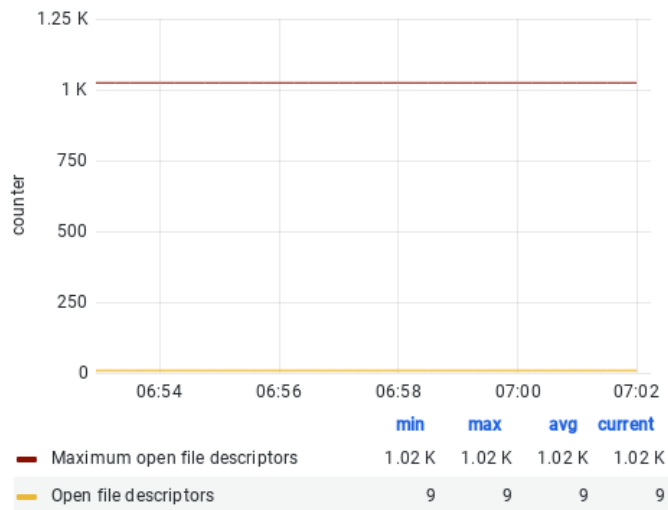
Entropy



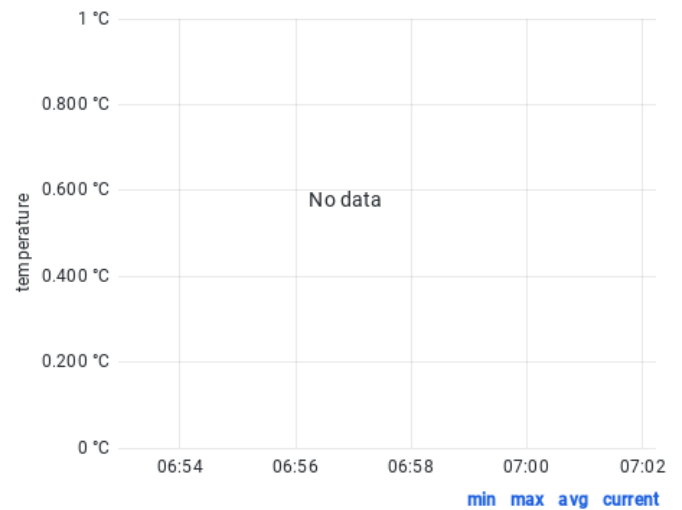
CPU time spent in user and system contexts



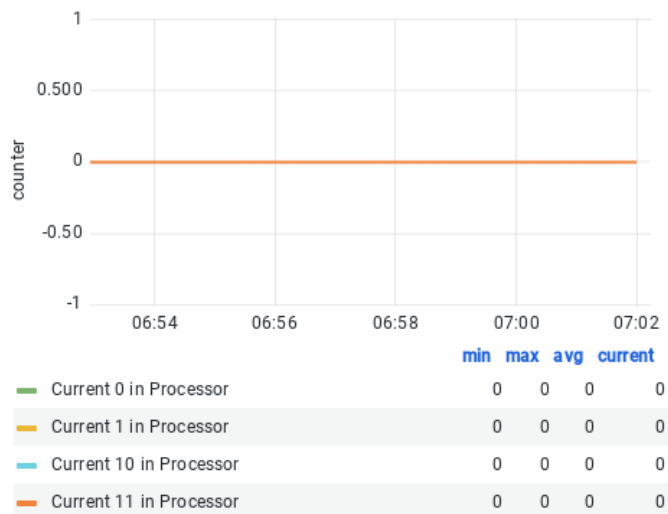
File Descriptors



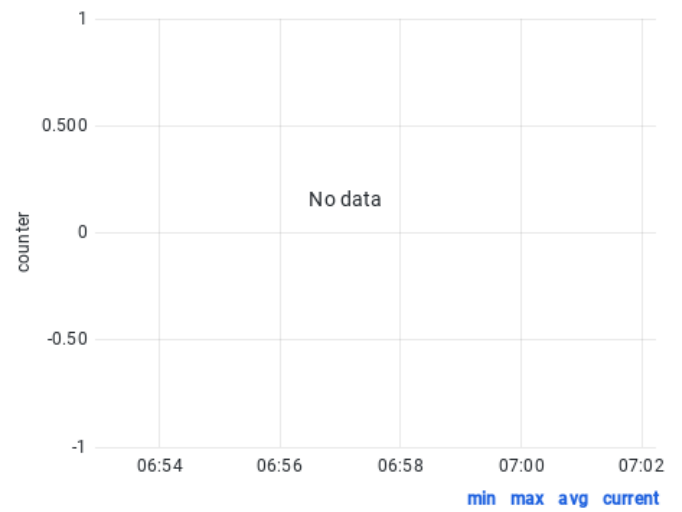
Hardware temperature monitor



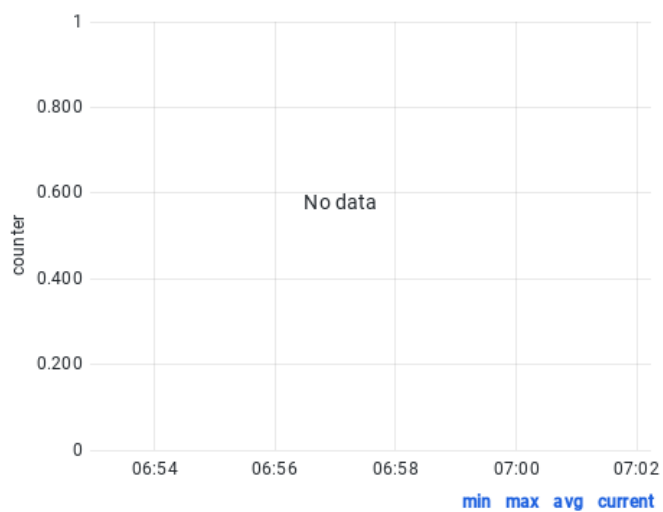
Throttle cooling device



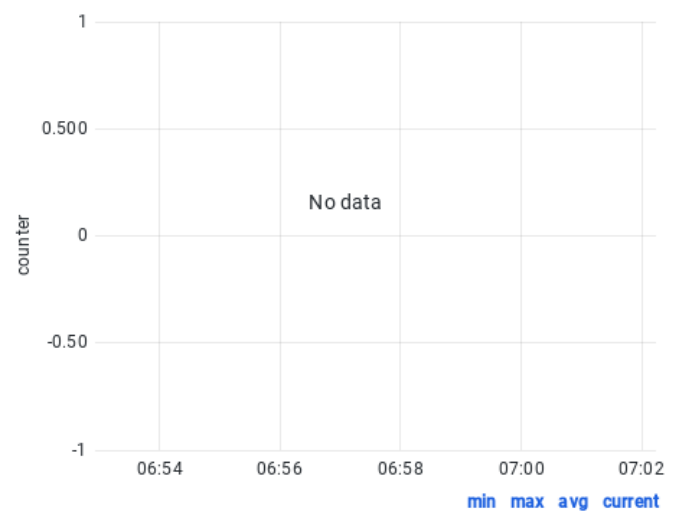
Power supply

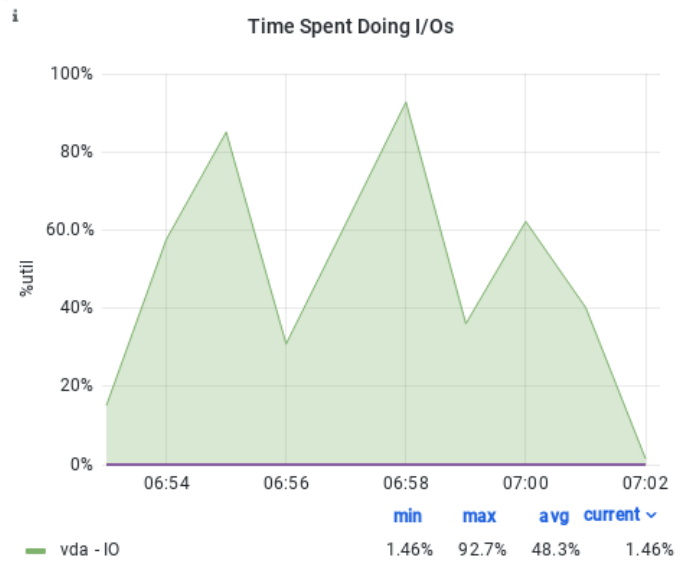
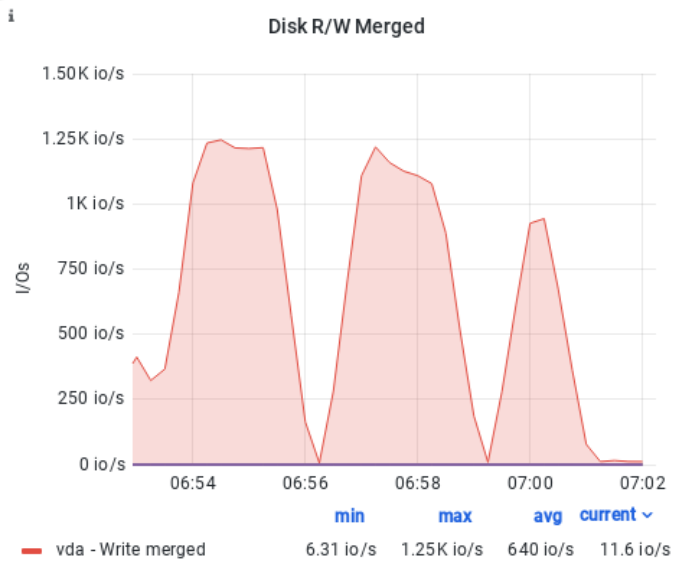
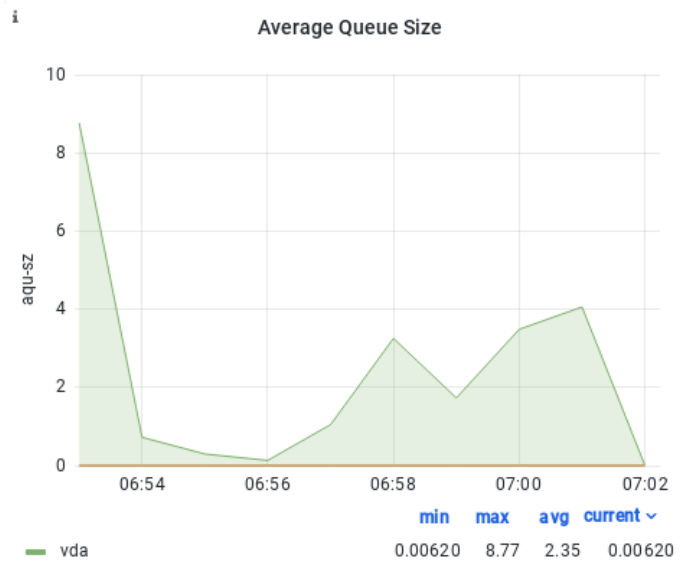
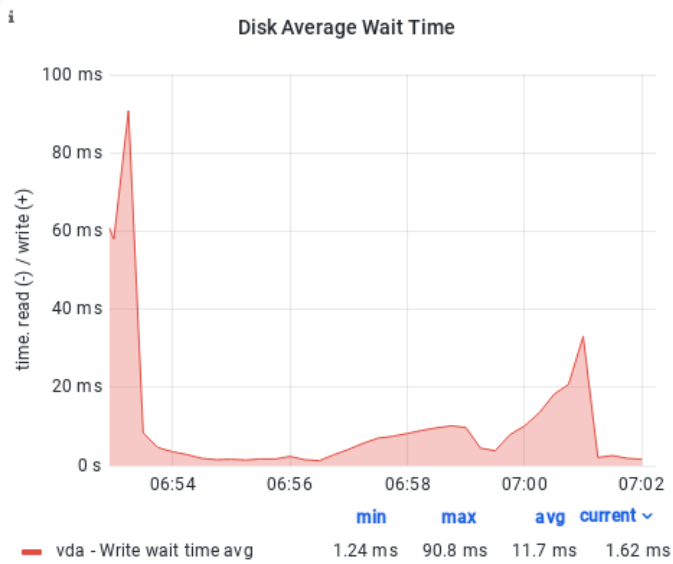
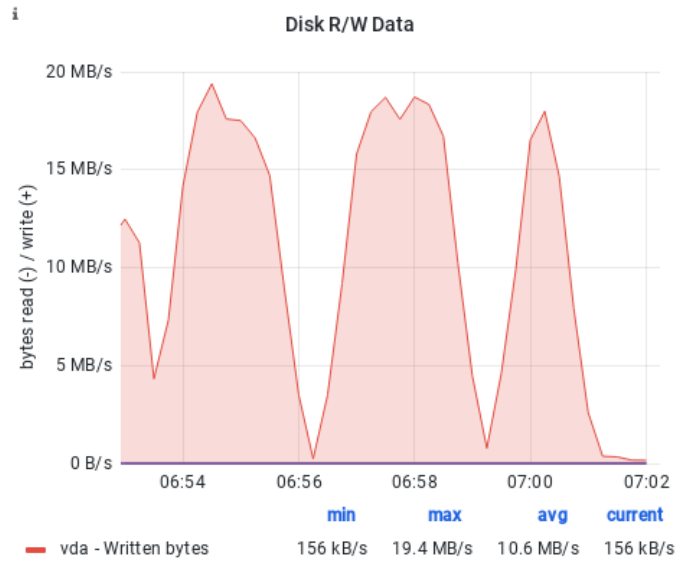
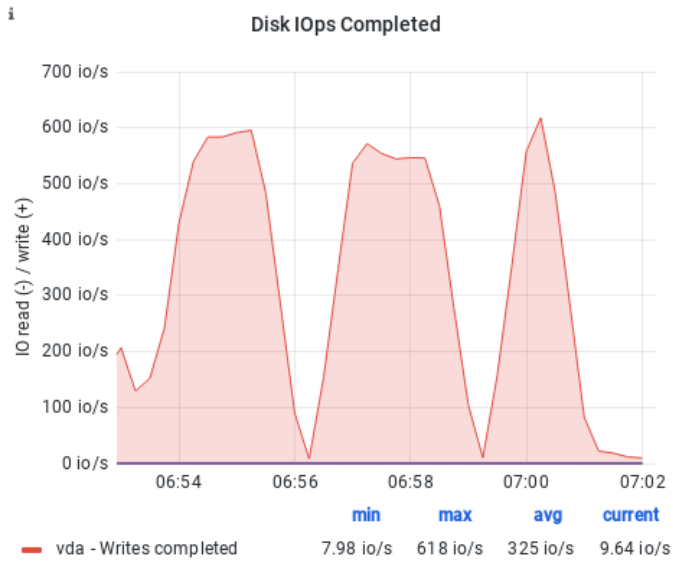


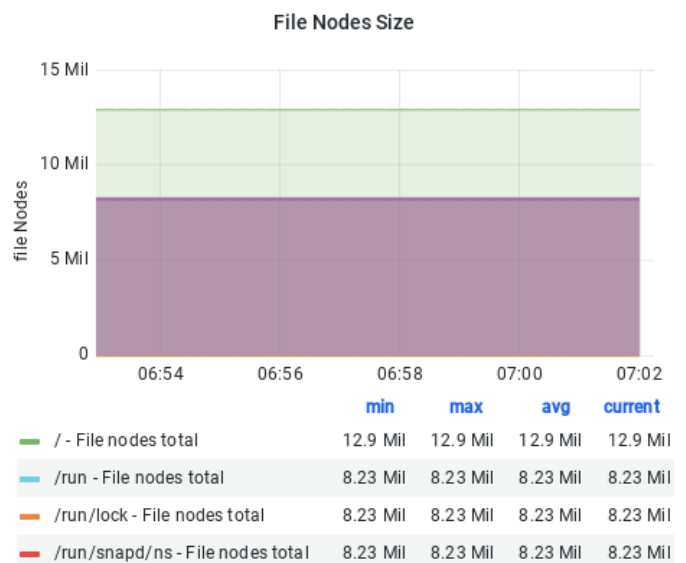
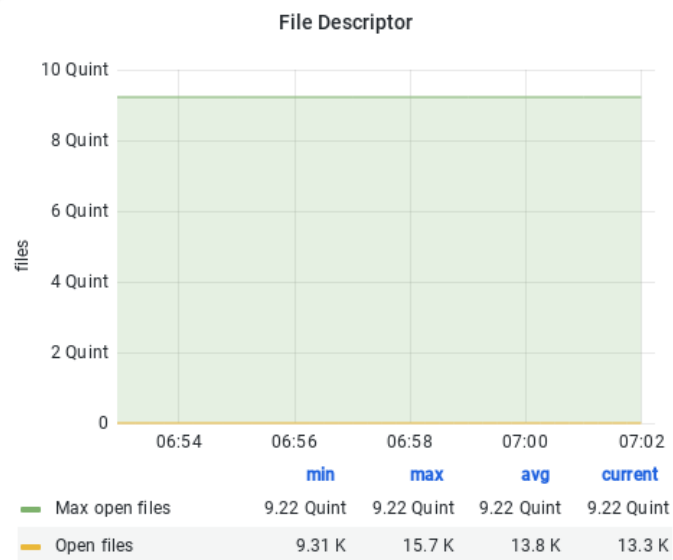
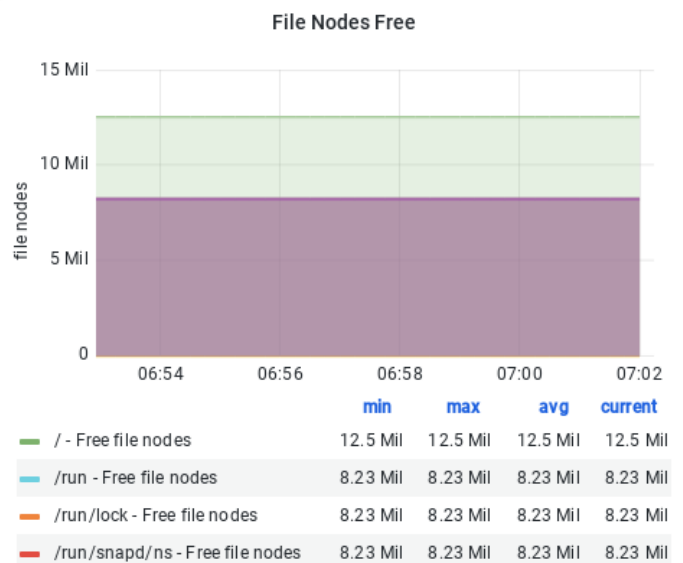
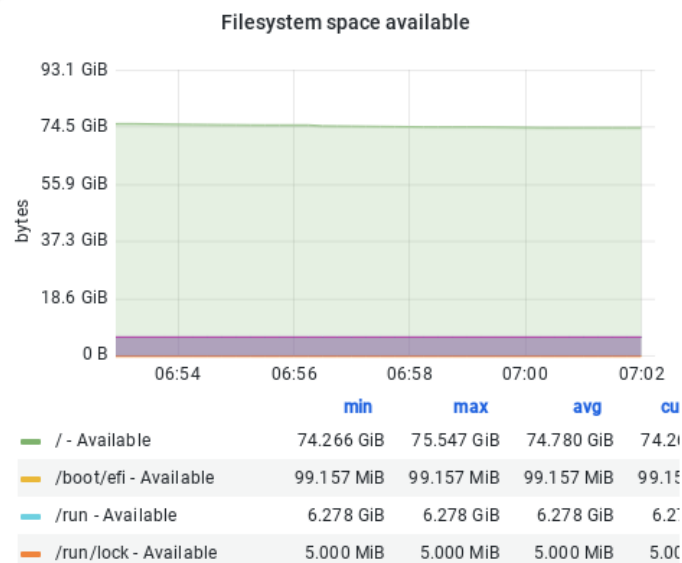
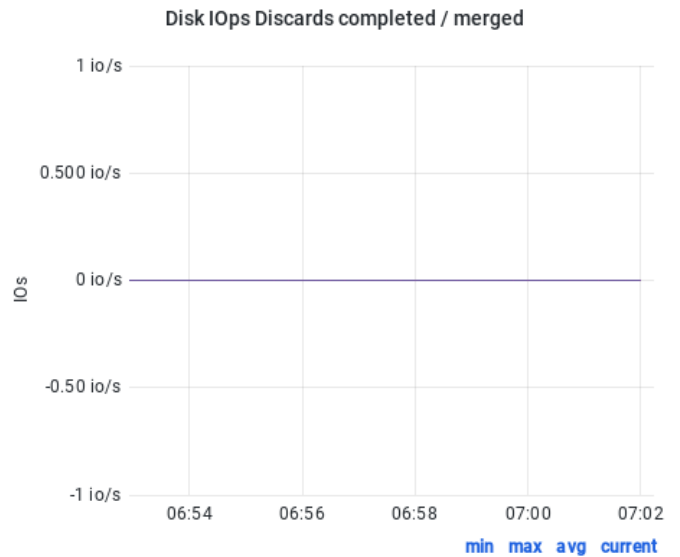
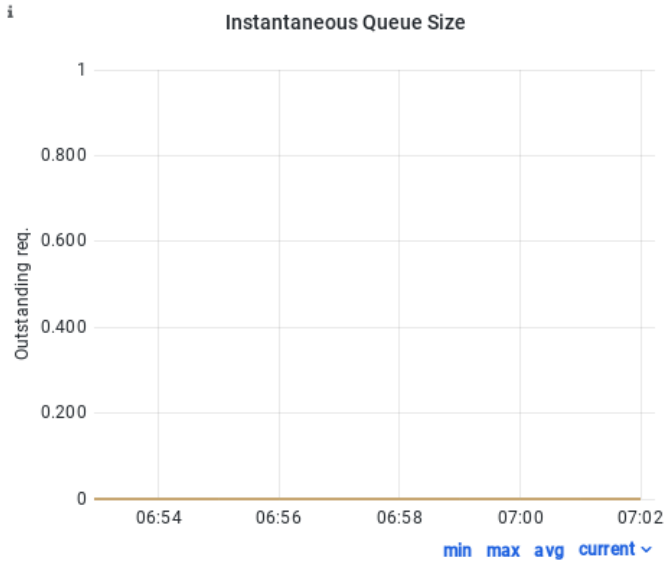
Systemd Sockets



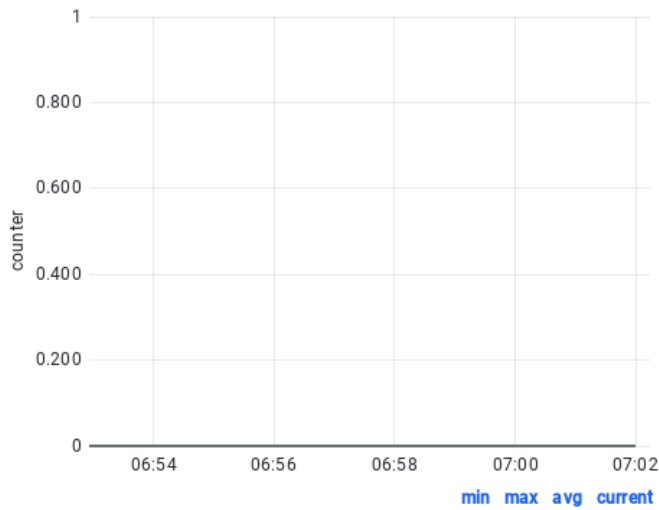
Systemd Units State



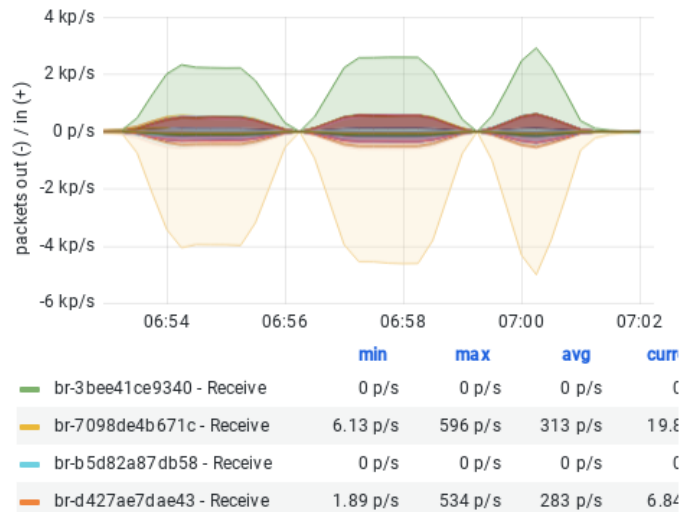




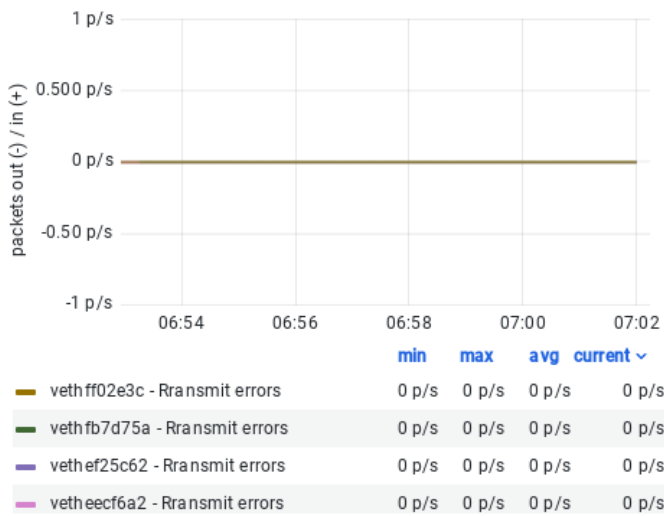
Filesystem in ReadOnly / Error



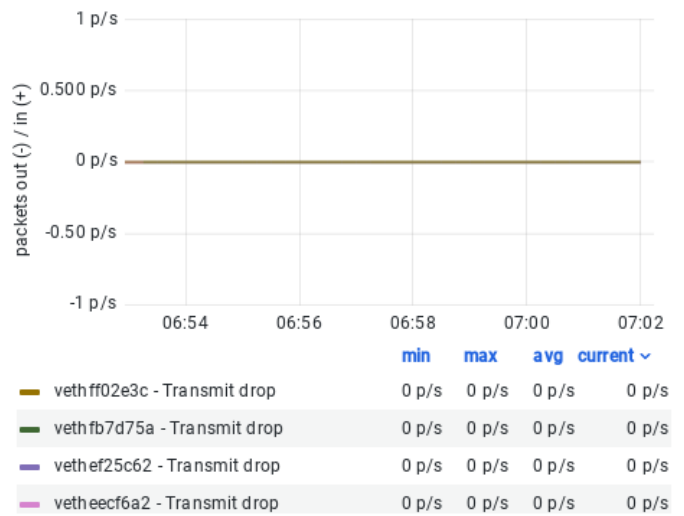
Network Traffic by Packets



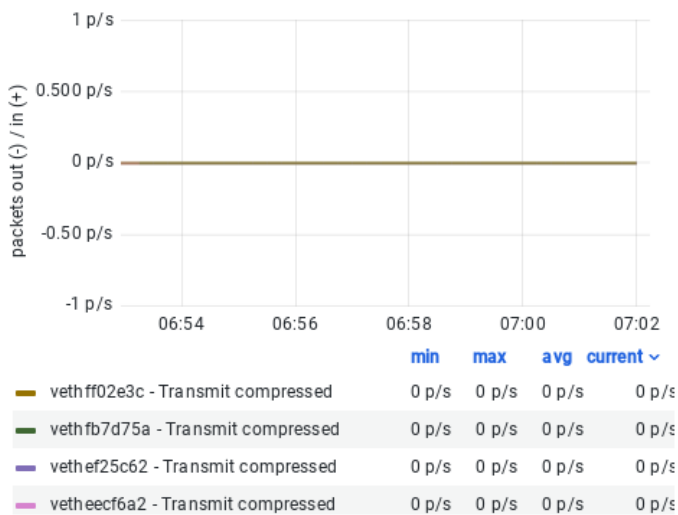
Network Traffic Errors



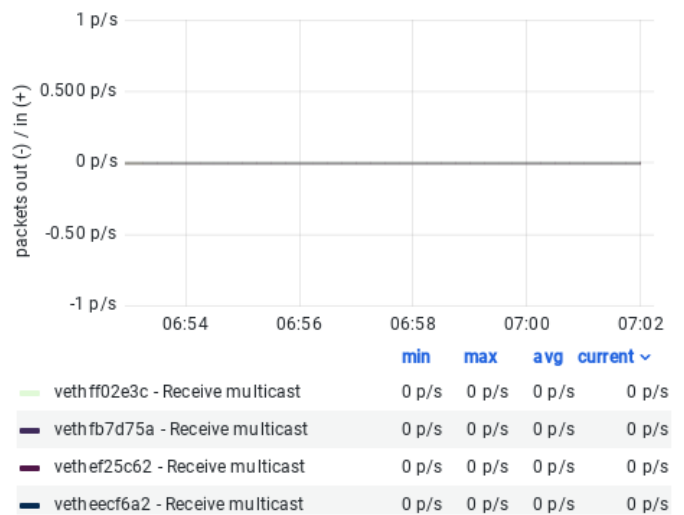
Network Traffic Drop



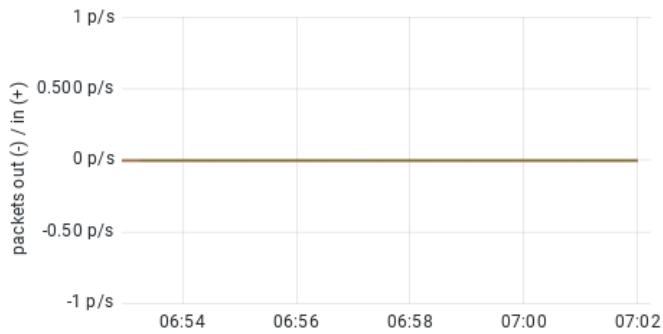
Network Traffic Compressed



Network Traffic Multicast

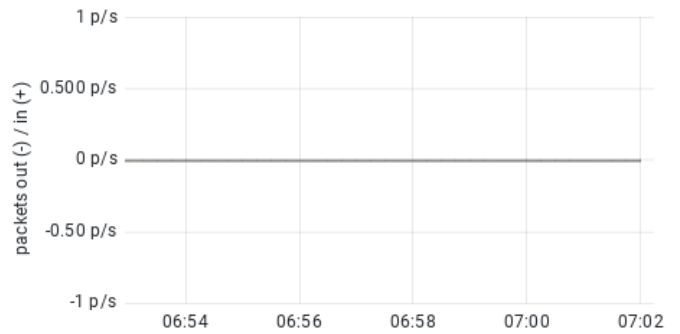


Network Traffic Fifo



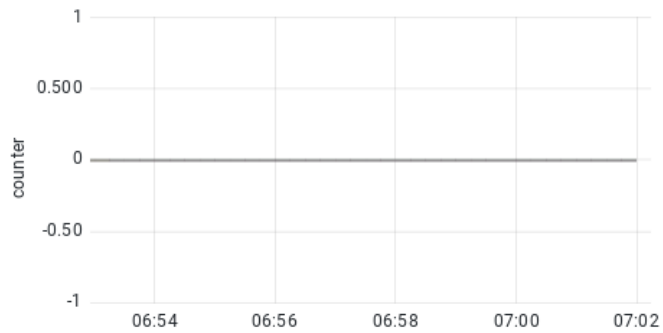
	min	max	avg	current
vethff02e3c - Transmit fifo	0 p/s	0 p/s	0 p/s	0 p/s
vethfb7d75a - Transmit fifo	0 p/s	0 p/s	0 p/s	0 p/s
vethef25c62 - Transmit fifo	0 p/s	0 p/s	0 p/s	0 p/s
vetheecf6a2 - Transmit fifo	0 p/s	0 p/s	0 p/s	0 p/s

Network Traffic Frame



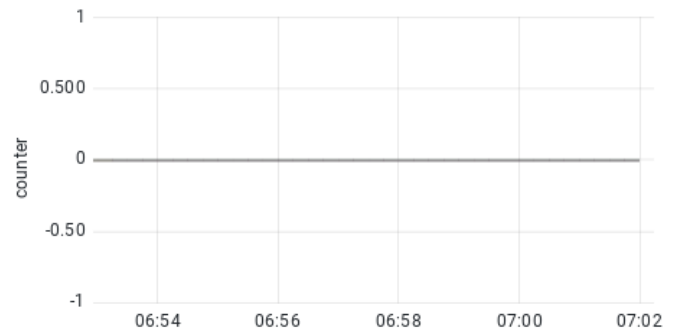
	min	max	avg	current
vethff02e3c - Receive frame	0 p/s	0 p/s	0 p/s	0 p/s
vethfb7d75a - Receive frame	0 p/s	0 p/s	0 p/s	0 p/s
vethef25c62 - Receive frame	0 p/s	0 p/s	0 p/s	0 p/s
vetheecf6a2 - Receive frame	0 p/s	0 p/s	0 p/s	0 p/s

Network Traffic Carrier



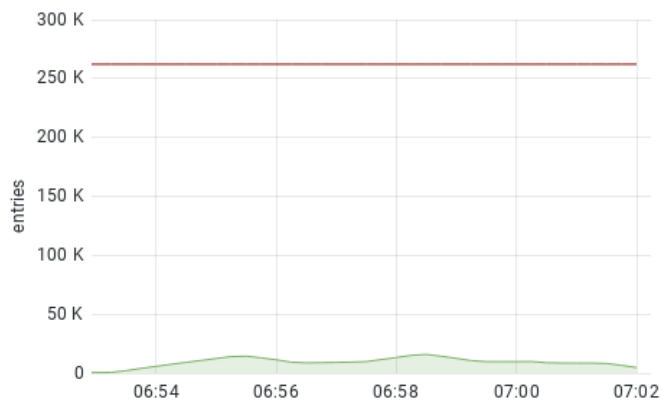
	min	max	avg	current
vethff02e3c - Statistic transmit_carrier	0	0	0	0
vethfb7d75a - Statistic transmit_carrier	0	0	0	0
vethef25c62 - Statistic transmit_carrier	0	0	0	0
vetheecf6a2 - Statistic transmit_carrier	0	0	0	0

Network Traffic Colls



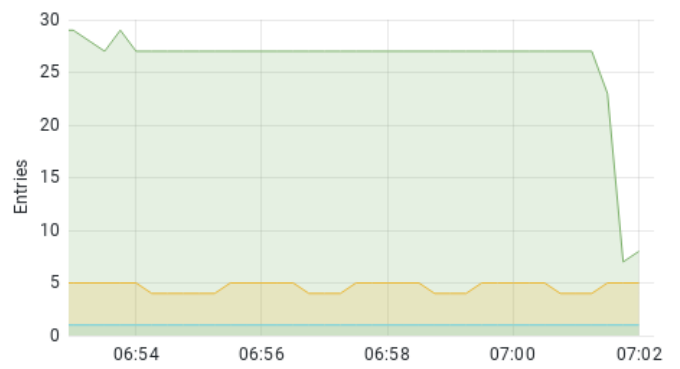
	min	max	avg	current
vethff02e3c - Transmit colls	0	0	0	0
vethfb7d75a - Transmit colls	0	0	0	0
vethef25c62 - Transmit colls	0	0	0	0
vetheecf6a2 - Transmit colls	0	0	0	0

NF Contrack



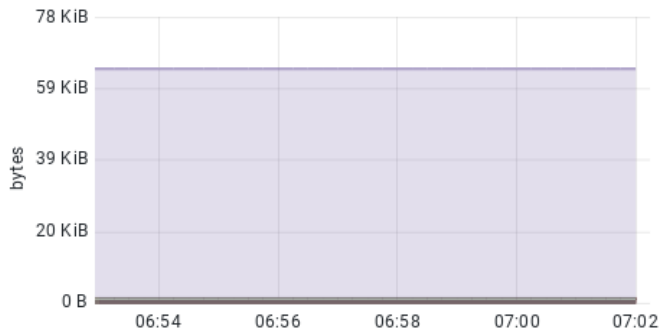
	min	max	avg	current
NF conntrack entries	323	15.9 K	9.11 K	4.69 K
NF conntrack limit	262 K	262 K	262 K	262 K

ARP Entries

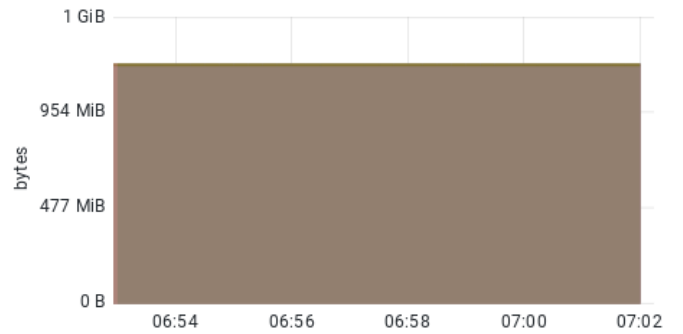


	min	max	avg	current
br-7098de4b671c - ARP entries	7	29	26.1	8
br-d427ae7dae43 - ARP entries	4	5	4.63	5
ens3 - ARP entries	1	1	1	1

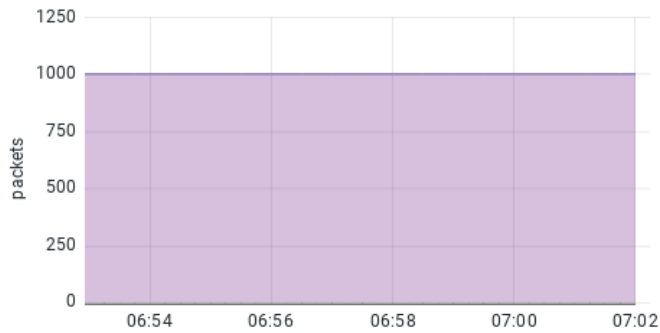
MTU



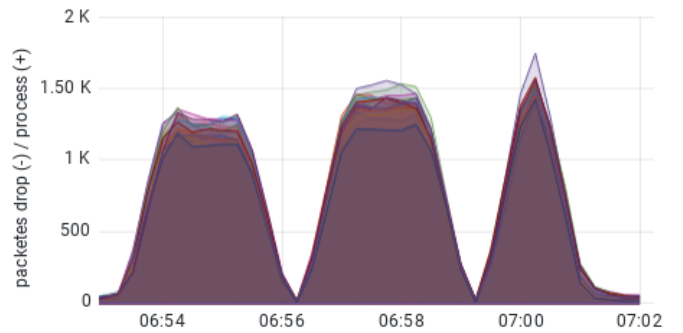
Speed



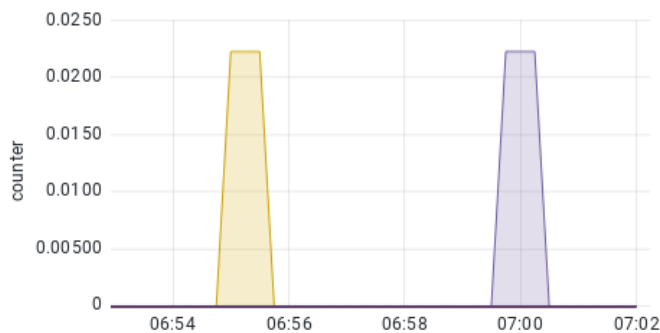
Queue Length



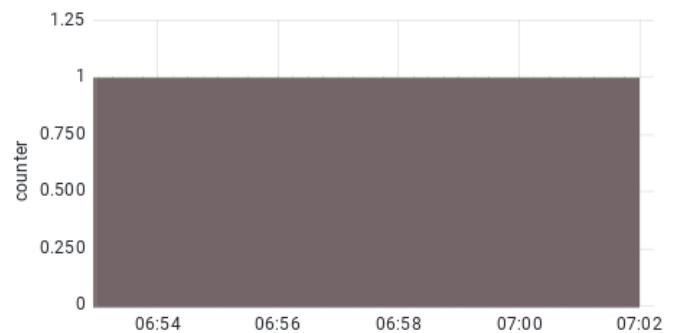
Softnet Packets



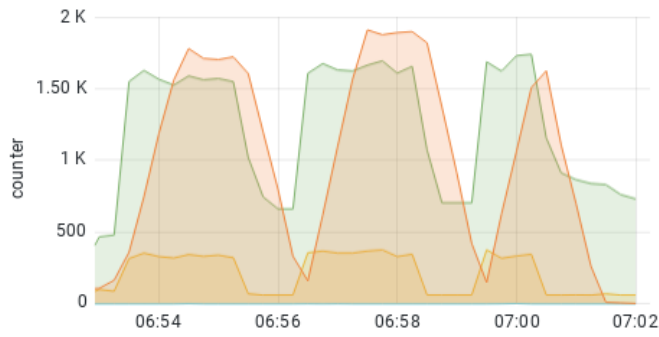
Softnet Out of Quota



Network Operational Status

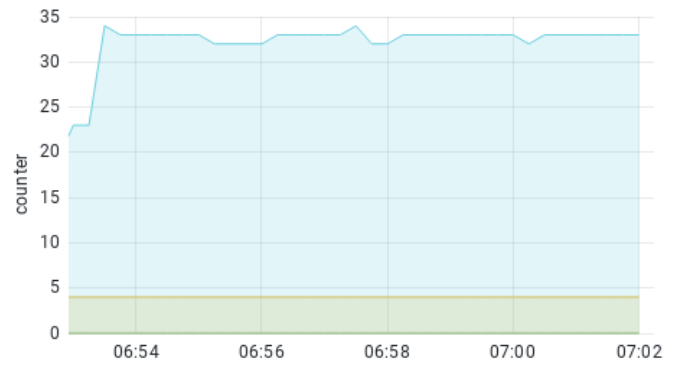


Sockstat TCP



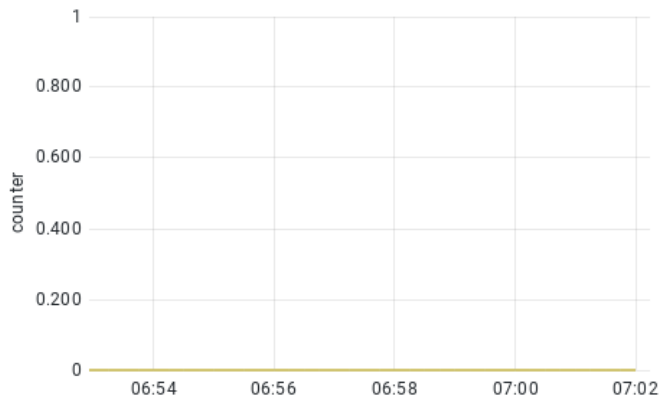
	min	max	avg	current
TCP_alloc - Allocated sockets	268	1.74 K	1.21 K	732
TCP_inuse - Tcp sockets currently in use	57	377	214	63
TCP_orphan - Orphan sockets	0	3	0.211	0
TCP_tw - Sockets waiting close	4	1.91 K	992	4

Sockstat UDP



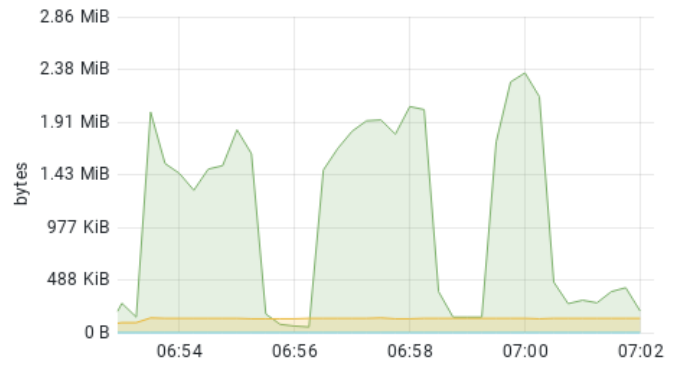
	min	max	avg	current
UDPLITE_inuse - Udp sockets currently in use	0	0	0	0
UDP_inuse - Udp sockets currently in use	4	4	4	4
UDP_mem - Used memory for udp	19	34	32.0	33

Sockstat FRAG / RAW



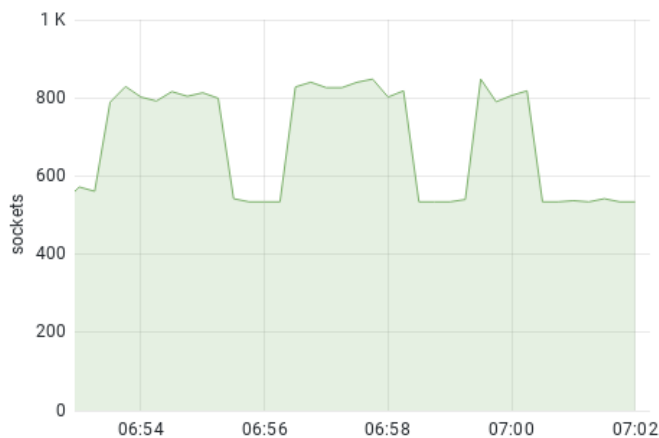
	min	max	avg	current
FRAG_inuse - Frag sockets currently in use	0	0	0	0
RAW_inuse - Raw sockets currently in use	0	0	0	0

Sockstat Memory Size



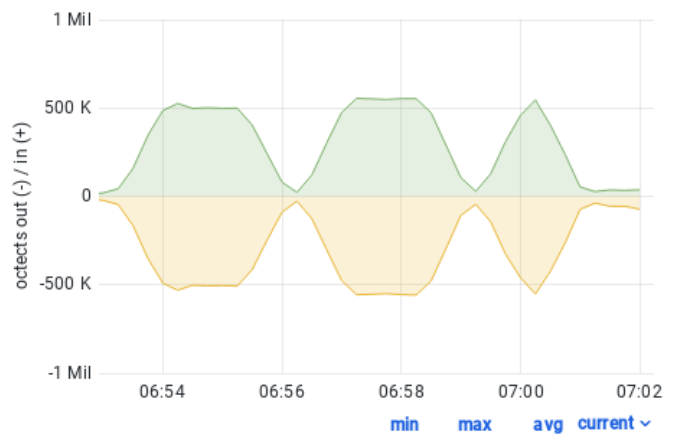
	min	max	avg	current
mem_bytes - TCP sockets in that state	16 KiB	2.35 MiB	1.04 MiB	200
mem_bytes - UDP sockets in that state	76 KiB	136 KiB	128 KiB	132
FRAG_memory - Used memory for frag	0 B	0 B	0 B	0

Sockstat Used



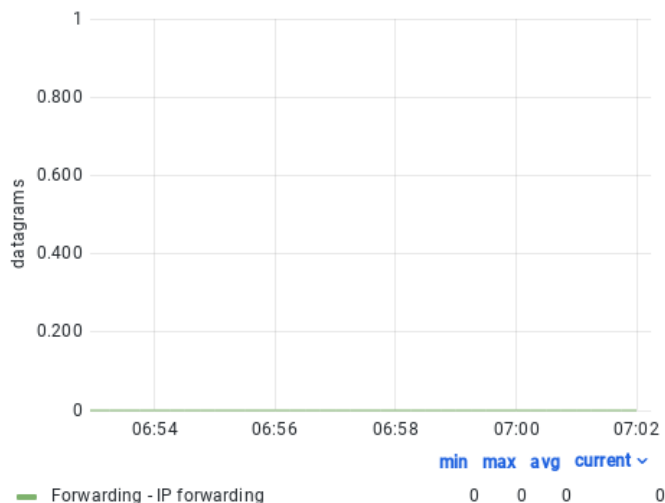
	min	max	avg	current
Sockets_used - Sockets currently in use	533	848	685	534

Netstat IP In / Out Octets



	min	max	avg	current
OutOctets - Sent octets	14.2 K	559 K	303 K	72.9 K
InOctets - Received octets	12.7 K	555 K	294 K	37.2 K

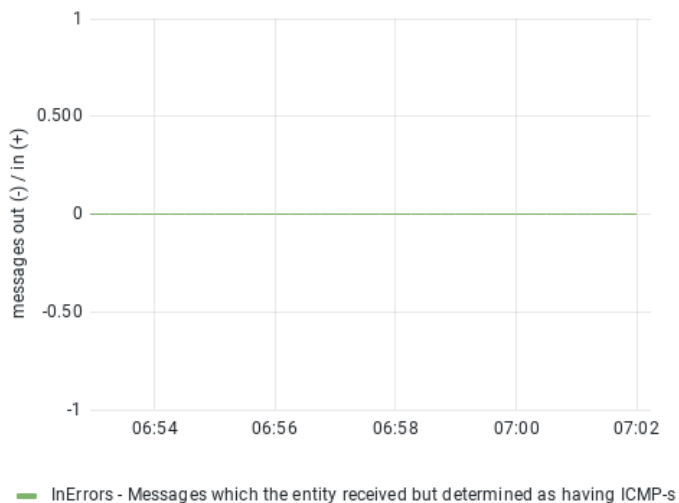
Netstat IP Forwarding



ICMP In / Out



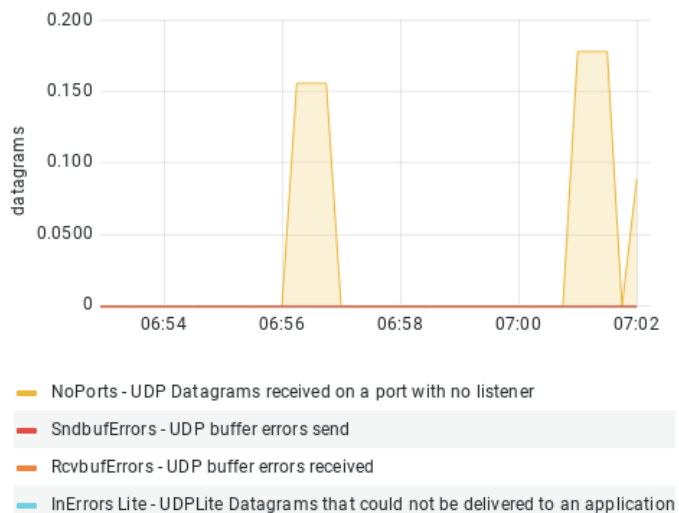
ICMP Errors



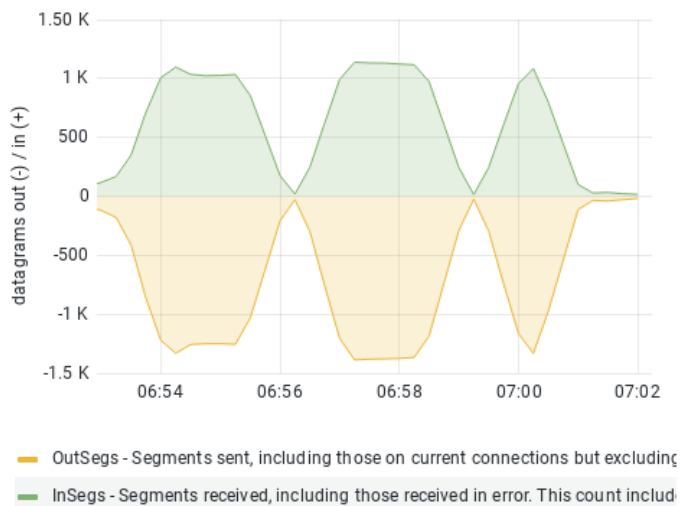
UDP In / Out



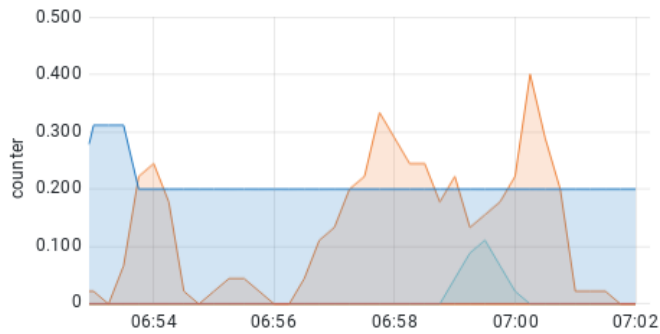
UDP Errors



TCP In / Out

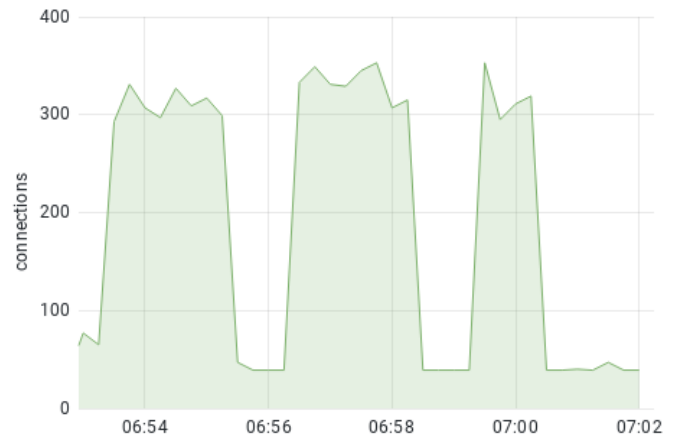


TCP Errors



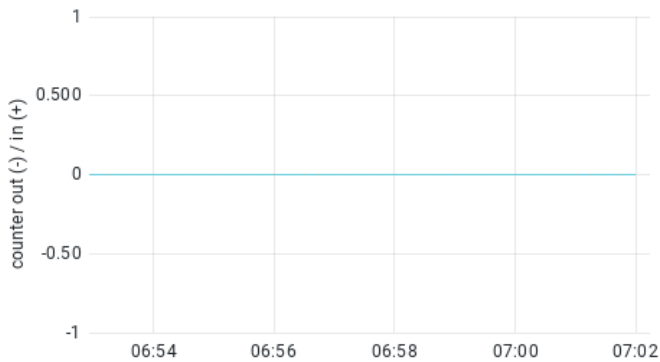
OutRsts - Segments sent with RST flag
 InErrs - Segments received in error (e.g., bad TCP checksums)
 RetransSegs - Segments retransmitted - that is, the number of TCP segments tr
 TCPSynRetrans - SYN-SYN/ACK retransmits to break down retransmissions in

TCP Connections



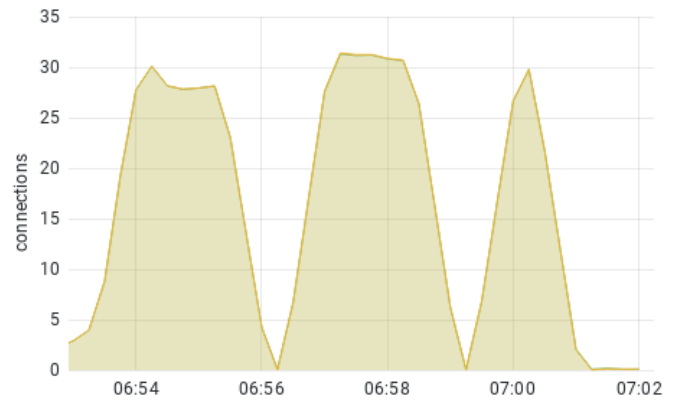
CurrEstab - TCP connections for which the current state is either ESTABLISHED

TCP SynCookie



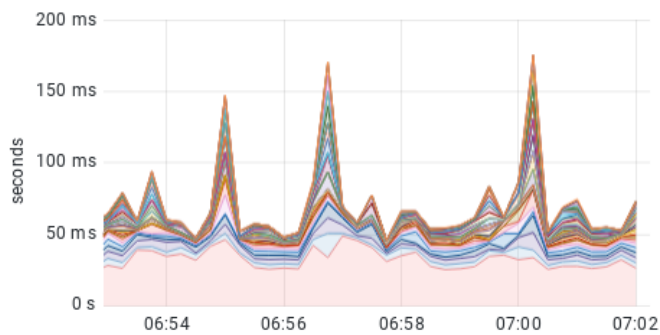
	min	max	avg	current
SyncookiesSent - SYN cookies sent	0	0	0	0
SyncookiesRecv - SYN cookies received	0	0	0	0
SyncookiesFailed - Invalid SYN cookies received	0	0	0	0

TCP Direct Transition



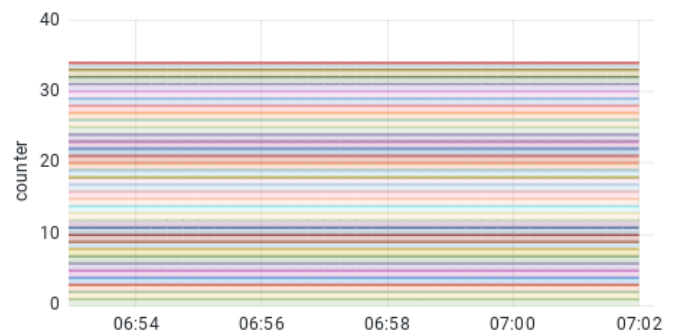
ActiveOpens - TCP connections that have made a direct transition to the SYN-S
 PassiveOpens - TCP connections that have made a direct transition to the SYN

Node Exporter Scrape Time



	min	max	avg	current
netclass - Scrape duration	24.0 ms	49.2 ms	32.9 ms	26.7
netdev - Scrape duration	1.67 ms	17.0 ms	3.74 ms	3.75
diskstats - Scrape duration	1.03 ms	12.3 ms	4.07 ms	3.61
filesystem - Scrape duration	1.20 ms	11.9 ms	3.38 ms	3.55

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