

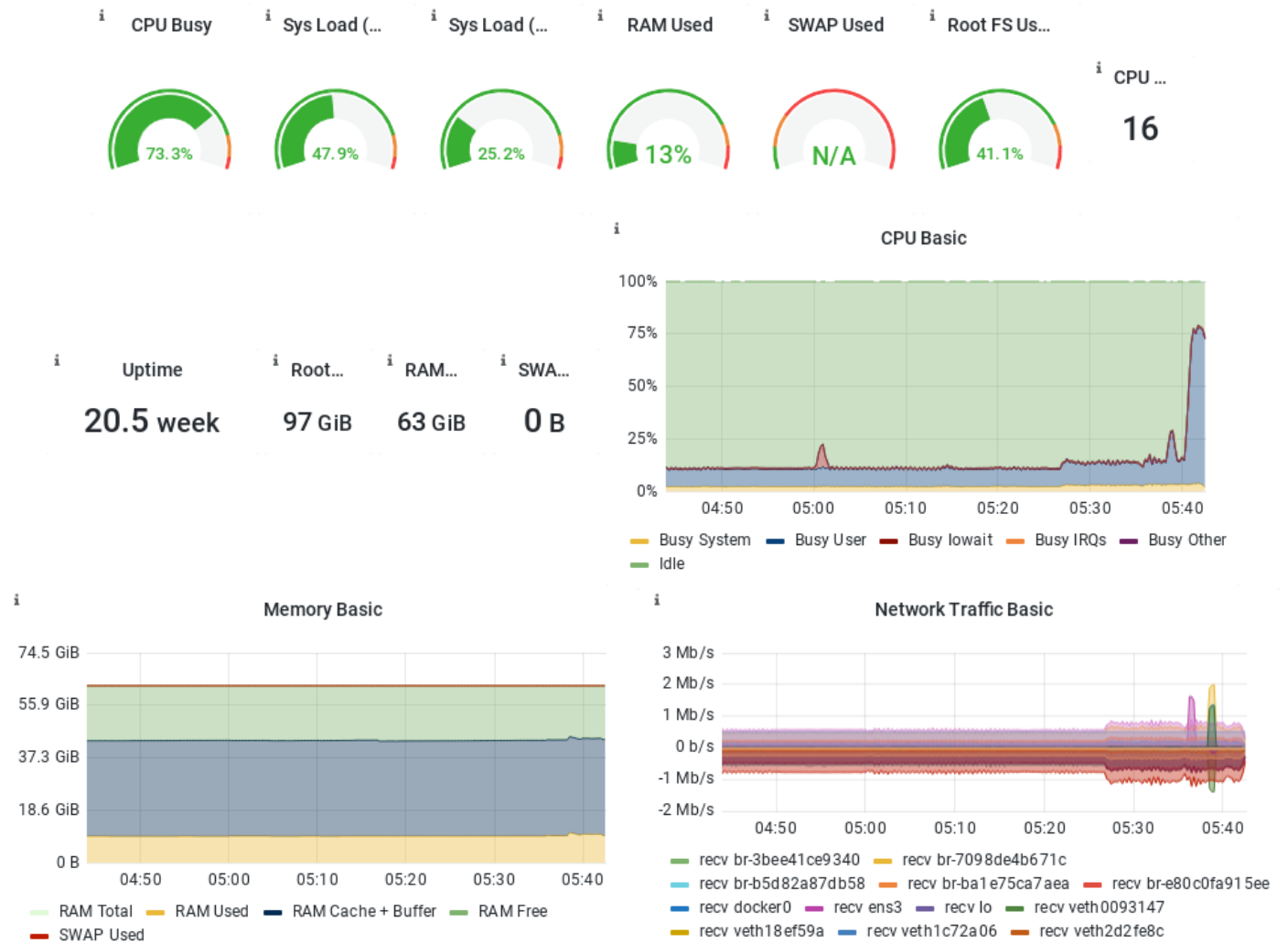
# Host Metrics

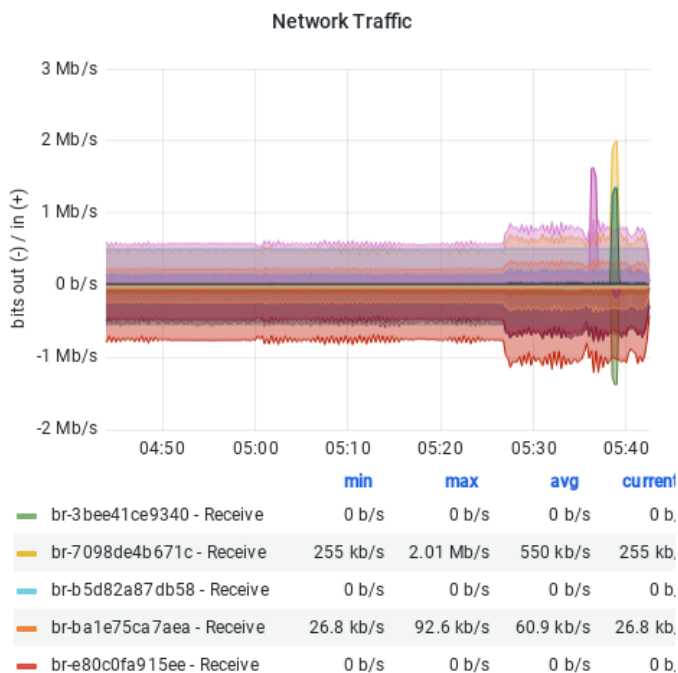
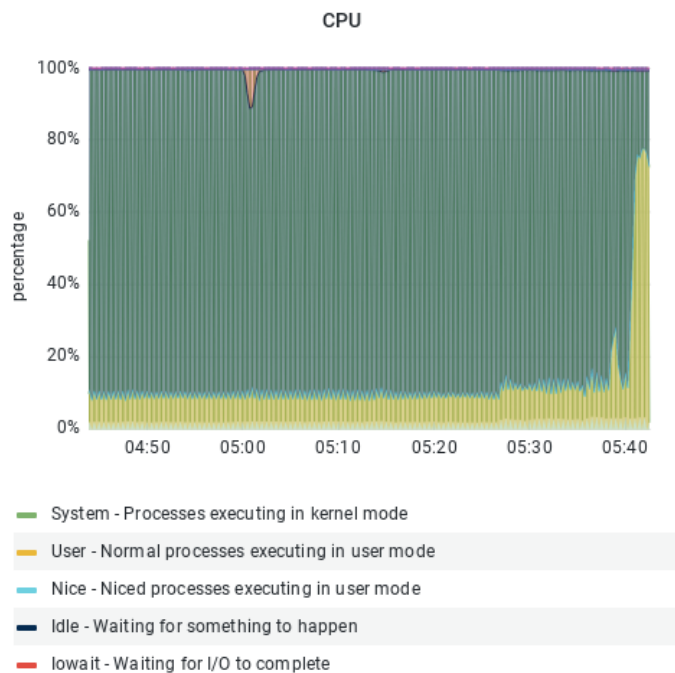
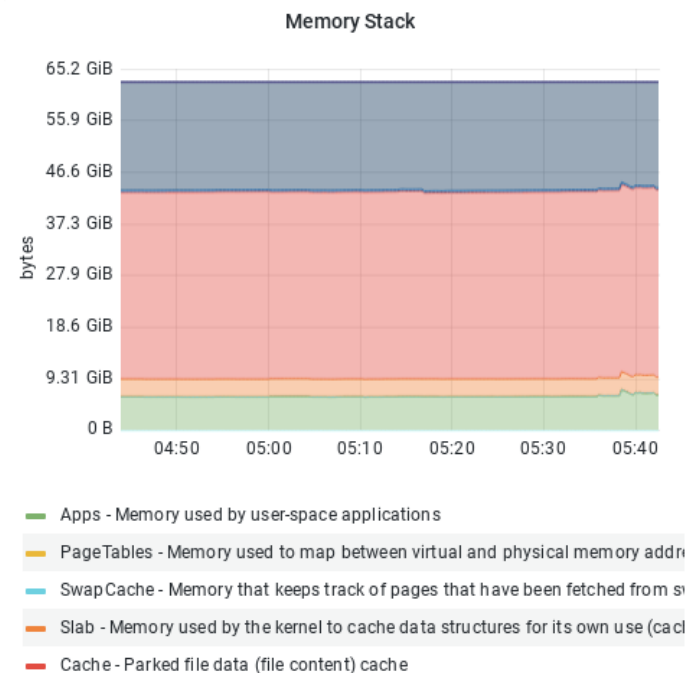
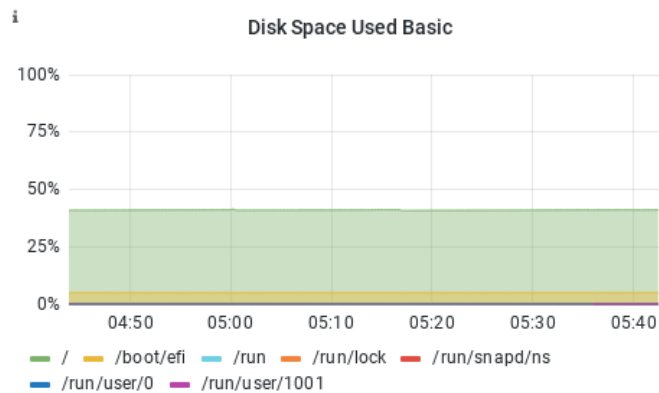
The dashboard visualizes host metrics collected by node\_exporter. (based on: <https://grafana.com/grafana/dashboards/1860>)

Sat Mar 5 04:43:54 UTC 2022

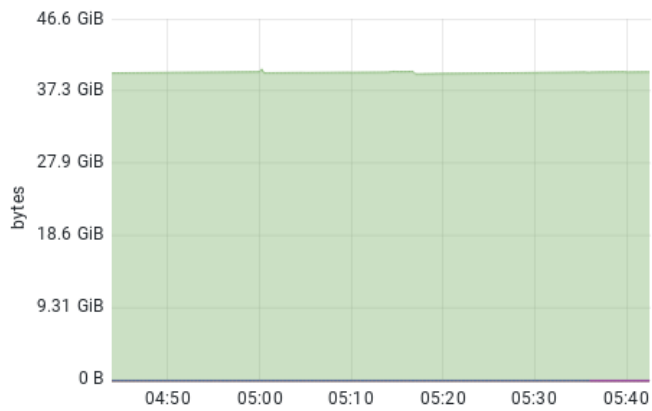
to

Sat Mar 5 05:42:39 UTC 2022



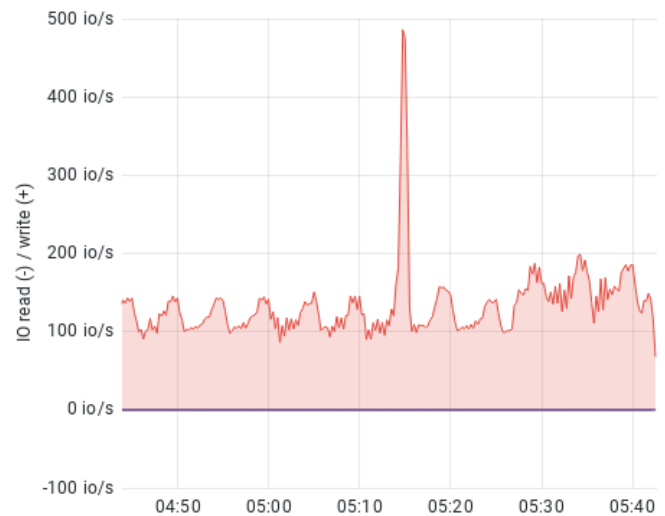


Disk Space Used



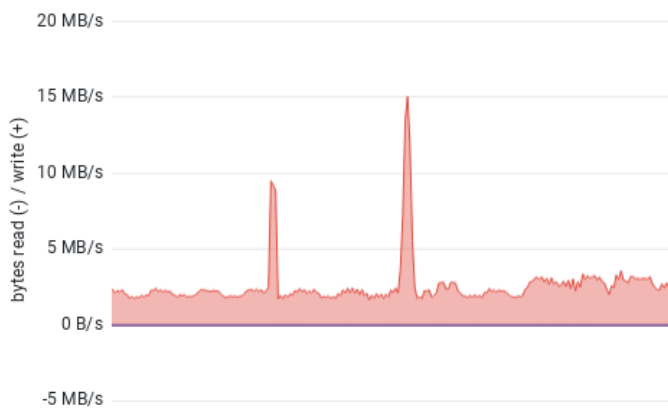
	min	max	avg	current
/run/lock	0 B	0 B	0 B	0 B
/run/user/0	0 B	0 B	0 B	0 B
/run/user/1001	0 B	0 B	0 B	0 B
/run	3.637 MiB	3.703 MiB	3.681 MiB	3.637 MiB
/run/snapd/ns	3.637 MiB	3.703 MiB	3.681 MiB	3.637 MiB

Disk IOps



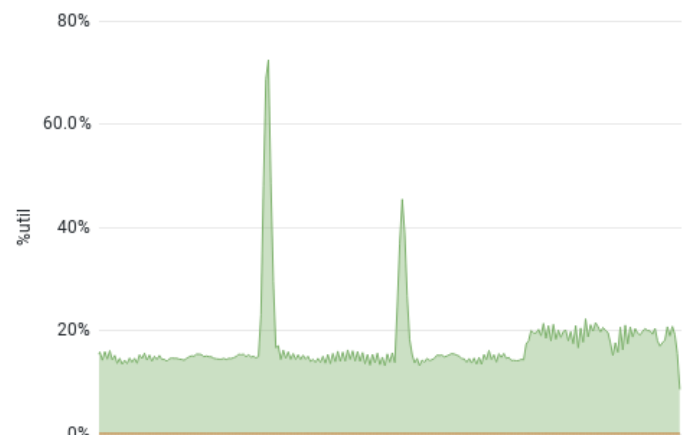
	min	max	avg	current
vda - Reads completed	0 io/s	0.0167 io/s	0.000278 io/s	0 io/s
vda - Writes completed	67.7 io/s	486 io/s	133 io/s	67.7 io/s

I/O Usage Read / Write



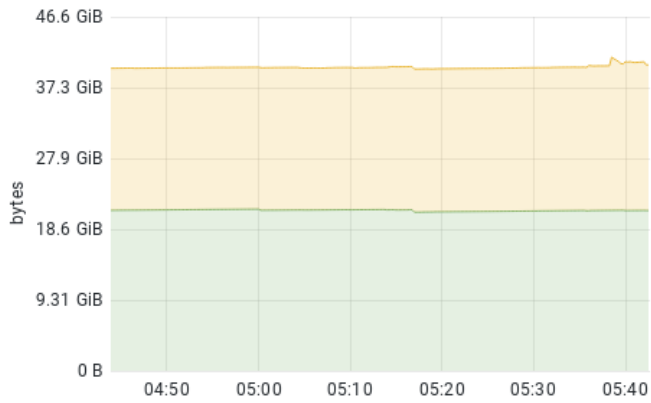
	min	max	avg
vda - Successfully read bytes	0 B/s	91.022 B/s	1.157 B/s
vdb - Successfully read bytes	0 B/s	0 B/s	0 B/s
vdc - Successfully read bytes	0 B/s	0 B/s	0 B/s
vdd - Successfully read bytes	0 B/s	0 B/s	0 B/s
vda - Successfully written bytes	1.214 MB/s	15.041 MB/s	2.587 MB/s

I/O Utilization



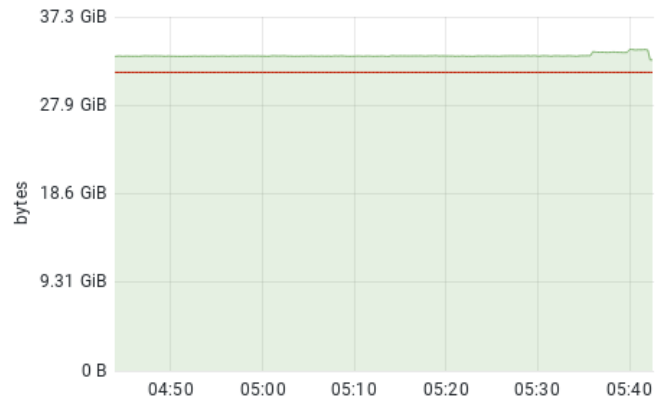
	min	max	avg	current
vda	8.551%	72.373%	17.146%	8.551%
vdb	0%	0%	0%	0%
vdc	0%	0%	0%	0%
vdd	0%	0%	0%	0%

Memory Active / Inactive



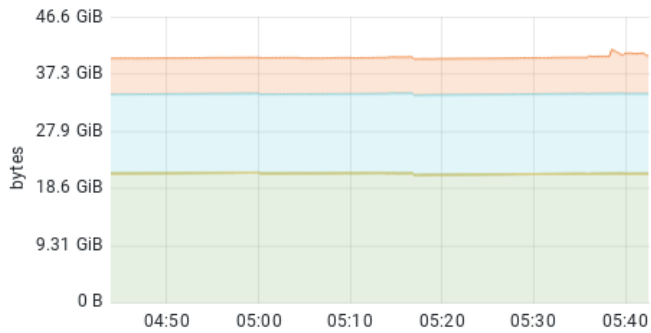
— Inactive - Memory which has been less recently used. It is more eligible to be re  
 — Active - Memory that has been used more recently and usually not reclaimed u

Memory Committed



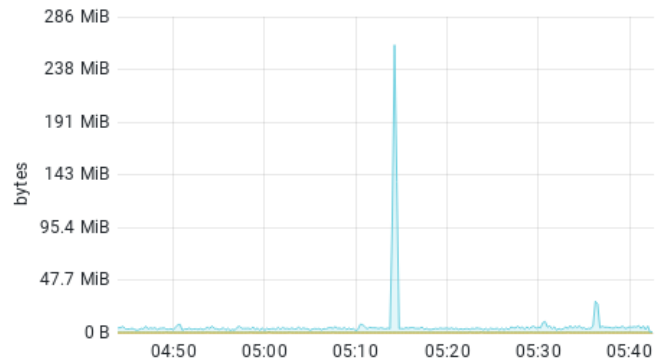
— Committed\_AS - Amount of memory presently allocated on the system  
 — CommitLimit - Amount of memory currently available to be allocated on the sy

Memory Active / Inactive Detail



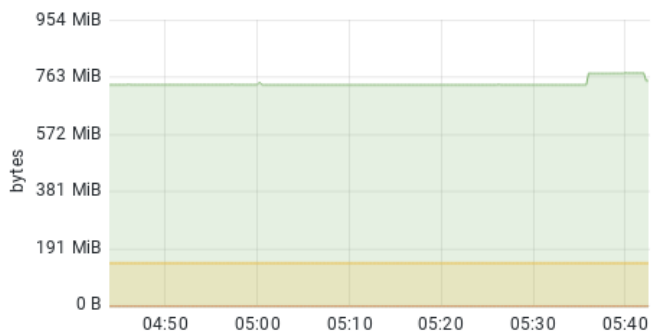
— Inactive\_file - File-backed memory on inactive LRU list  
 — Inactive\_anon - Anonymous and swap cache on inactive LRU list, including tmp  
 — Active\_file - File-backed memory on active LRU list  
 — Active\_anon - Anonymous and swap cache on active least-recently-used (LRU)

Memory Writeback and Dirty



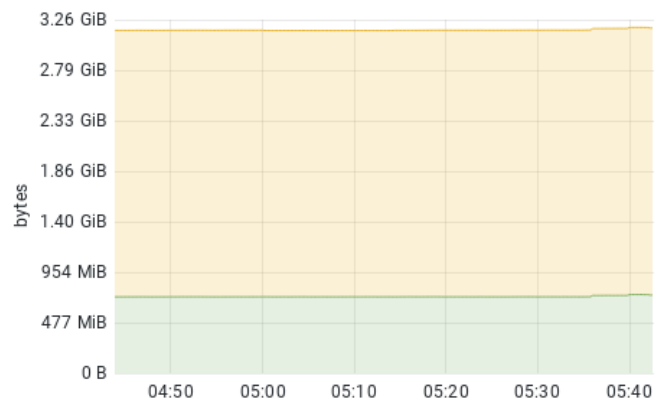
— Writeback - Memory which is actively being written back to disk  
 — WritebackTmp - Memory used by FUSE for temporary writeback buffers  
 — Dirty - Memory which is waiting to get written back to the disk 176.

Memory Shared and Mapped



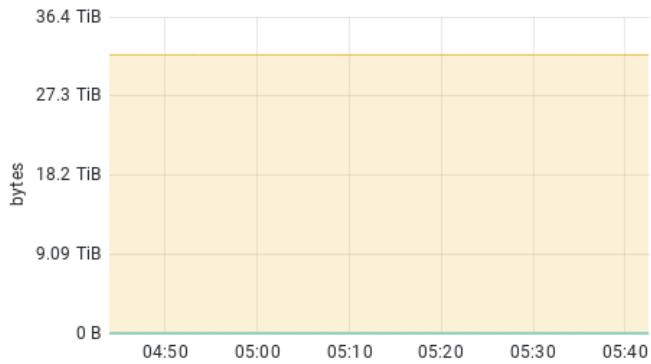
— Mapped - Used memory in mapped pages files which have been mmaped, such  
 — Shmem - Used shared memory (shared between several processes, thus includ  
 — ShmemHugePages - Memory used by shared memory (shmem) and tmpfs allc  
 — ShmemPmdMapped - Ammount of shared (shmem/tmpfs) memory backed by

Memory Slab



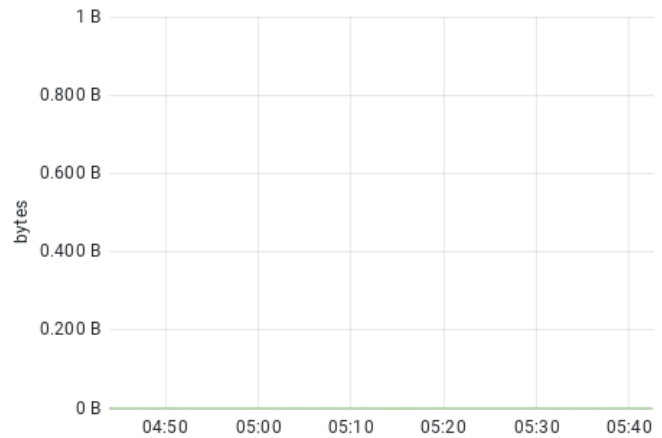
— SUnreclaim - Part of Slab, that cannot be reclaimed on memory pressure 71  
 — SReclaimable - Part of Slab, that might be reclaimed, such as caches

Memory Vmalloc



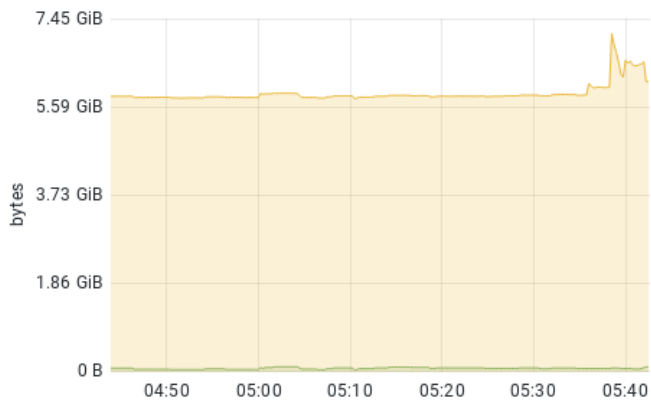
VmallocChunk - Largest contiguous block of vmalloc area which is free	
VmallocTotal - Total size of vmalloc memory area	32.0
VmallocUsed - Amount of vmalloc area which is used	68.8

Memory Bounce



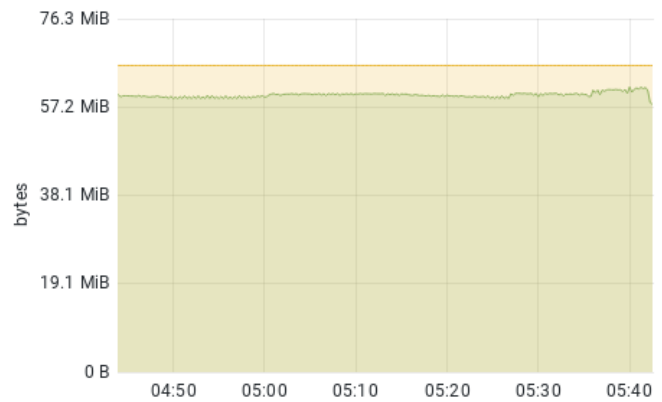
Bounce - Memory used for block device bounce buffers	0 B	0 B	0 B
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Memory Anonymous



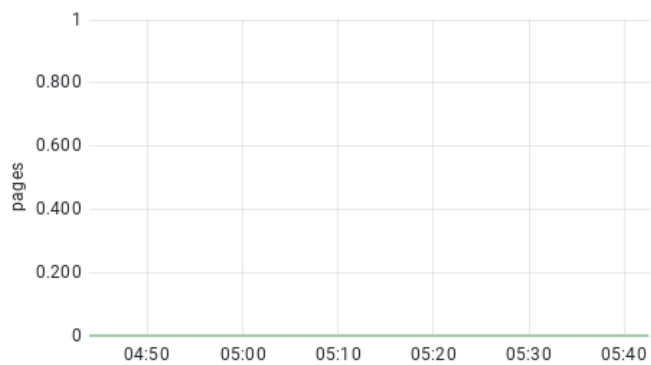
AnonHugePages - Memory in anonymous huge pages	40.00 MiB	114.00
AnonPages - Memory in user pages not backed by files	5.76 GiB	7.14

Memory Kernel / CPU



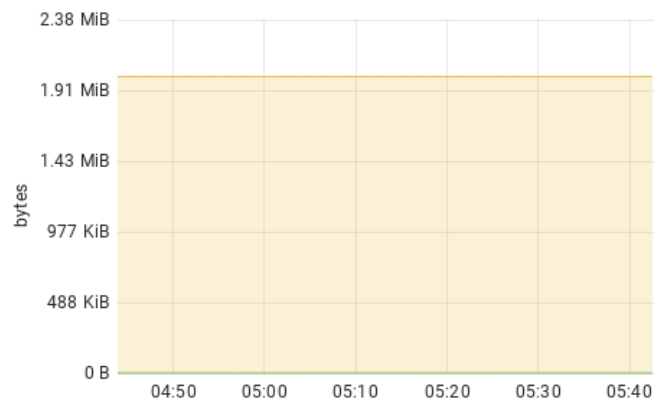
KernelStack - Kernel memory stack. This is not reclaimable	57.8
PerCPU - Per CPU memory allocated dynamically by loadable modules	66.1

Memory HugePages Counter



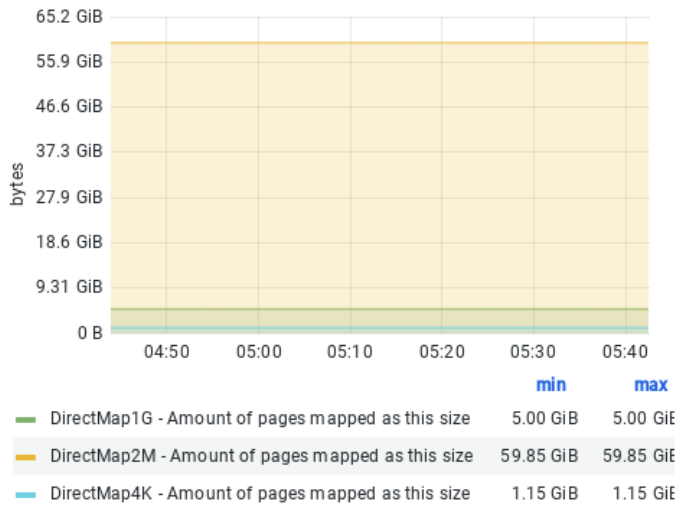
HugePages_Free - Huge pages in the pool that are not yet allocated	
HugePages_Rsvd - Huge pages for which a commitment to allocate from the pool has been made	
HugePages_Surp - Huge pages in the pool above the value in /proc/sys/vm/nr_hugepages	

Memory HugePages Size

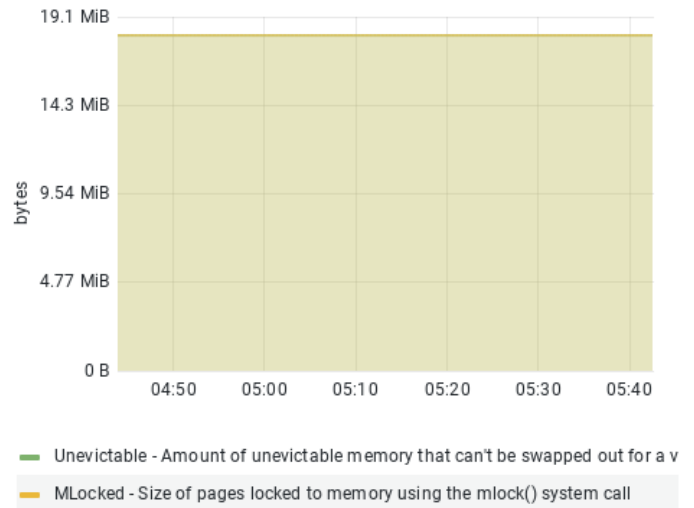


HugePages - Total size of the pool of huge pages	0 B	0 B
Hugepagesize - Huge Page size	2.00 MiB	2.00 MiB

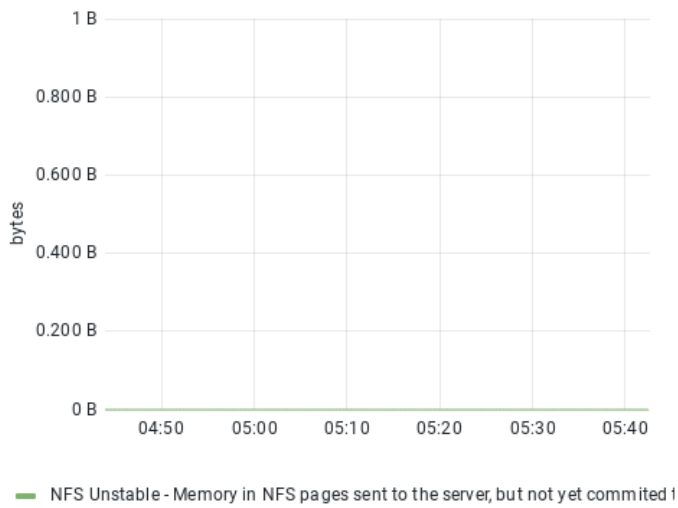
Memory DirectMap



Memory Unevictable and MLocked



Memory NFS



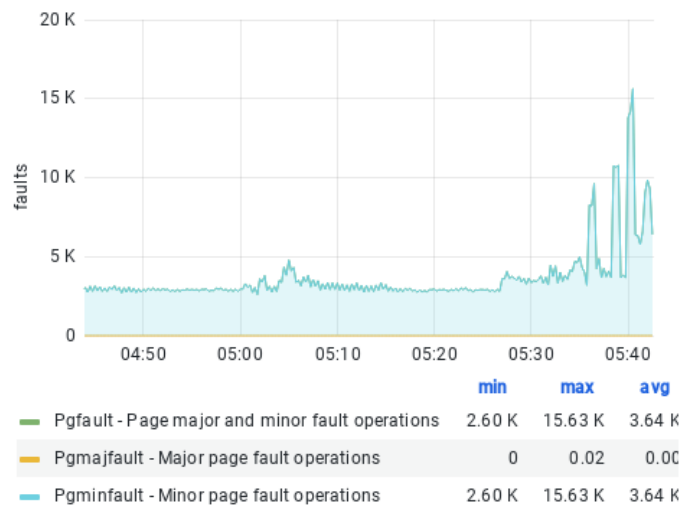
Memory Pages In / Out



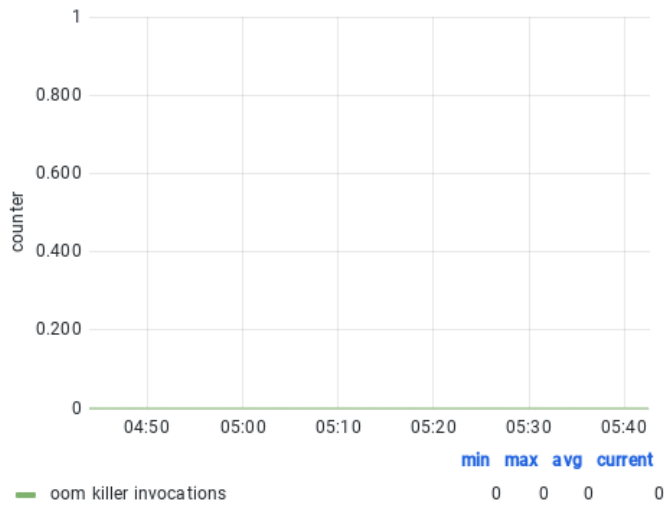
Memory Pages Swap In / Out



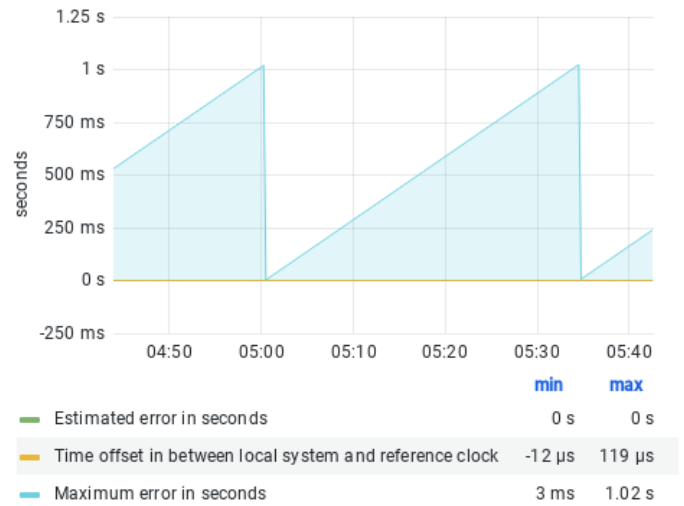
Memory Page Faults



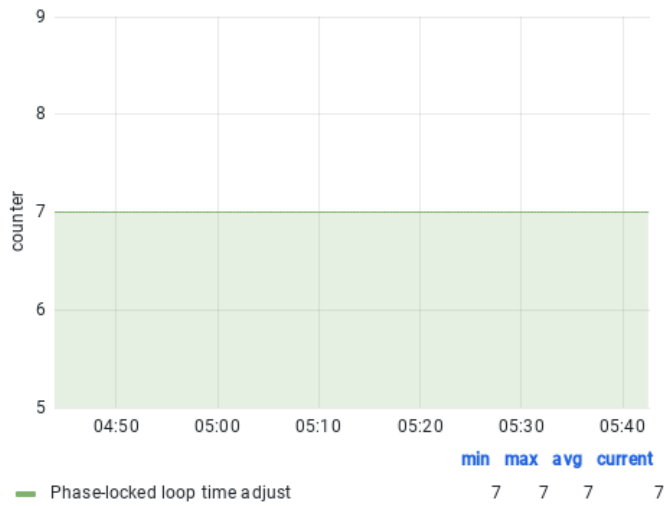
OOM Killer



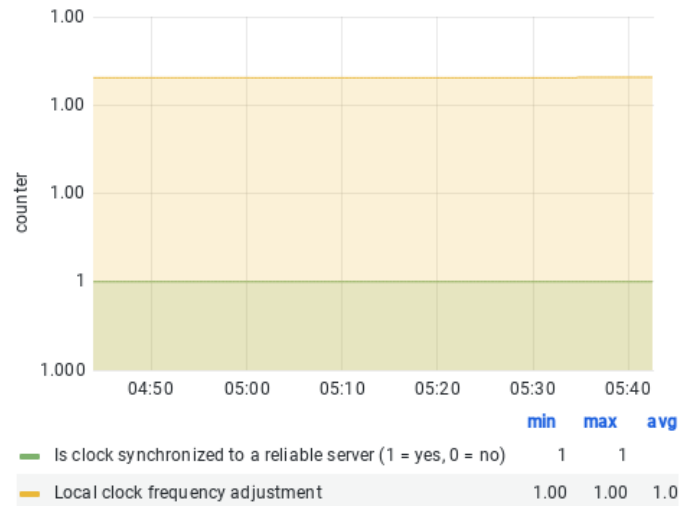
Time Synchronized Drift



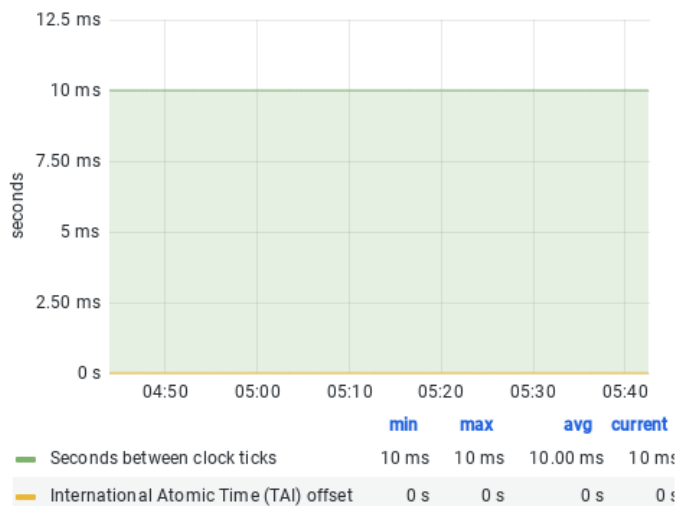
Time PLL Adjust



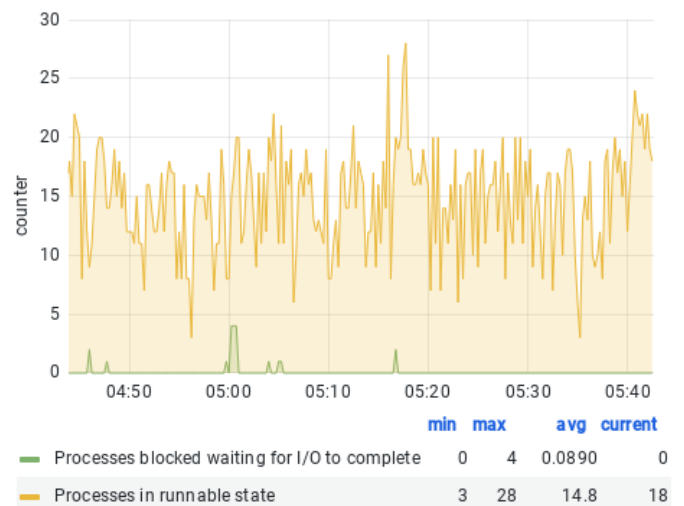
Time Synchronized Status

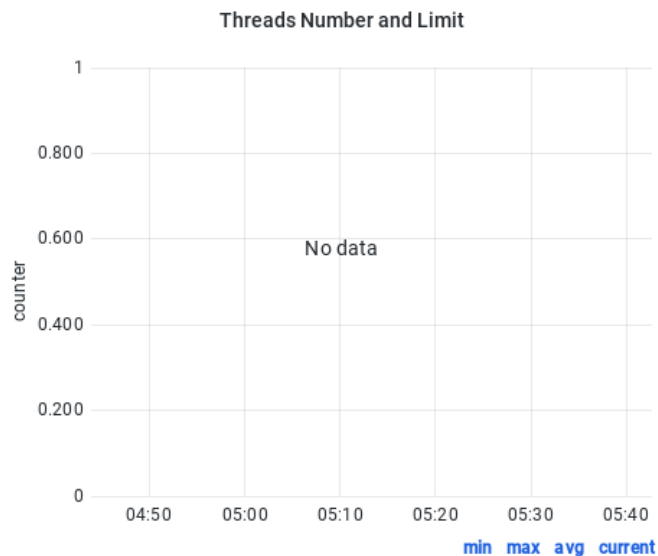
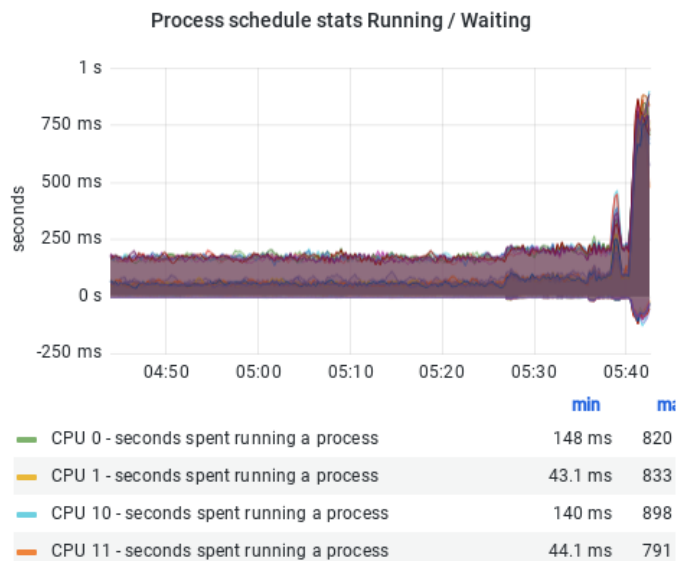
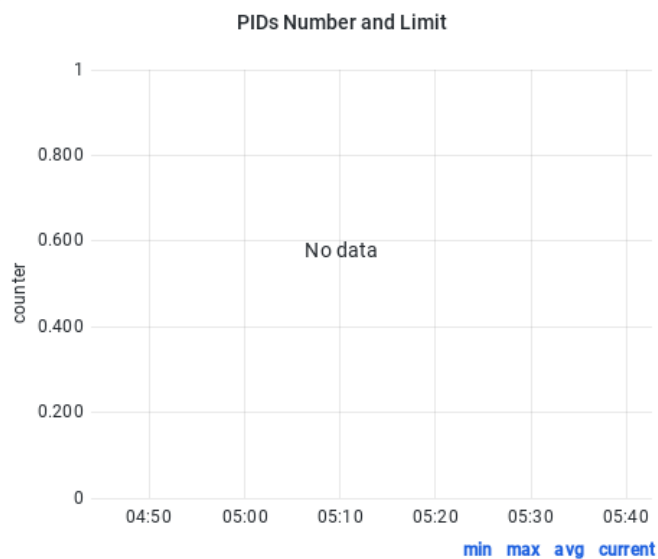
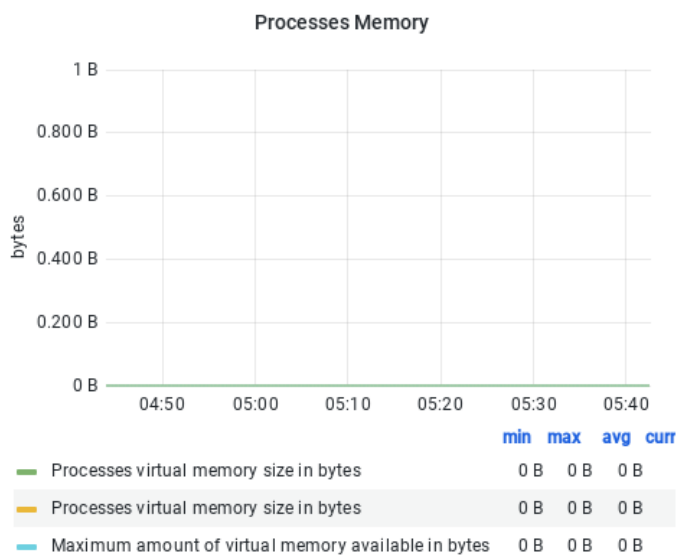
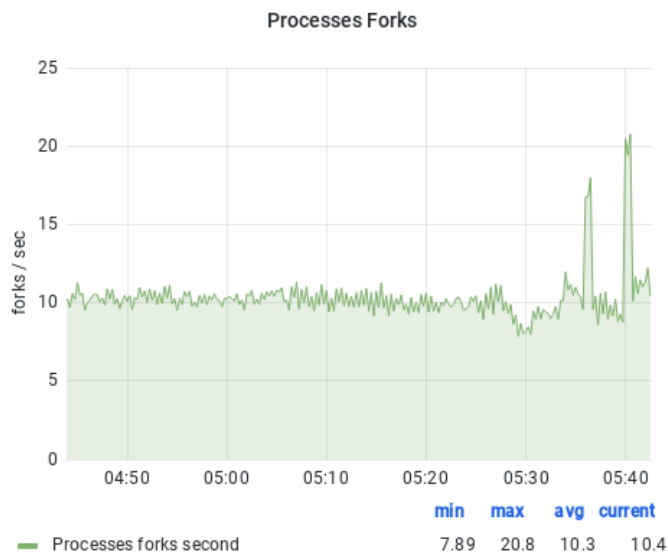
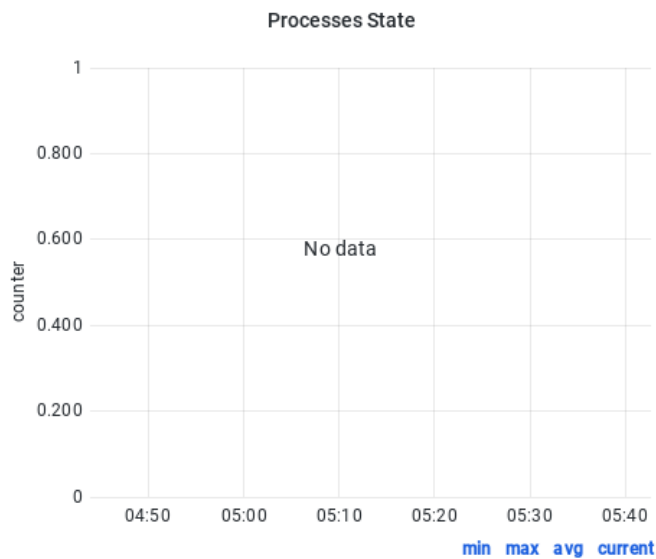


Time Misc



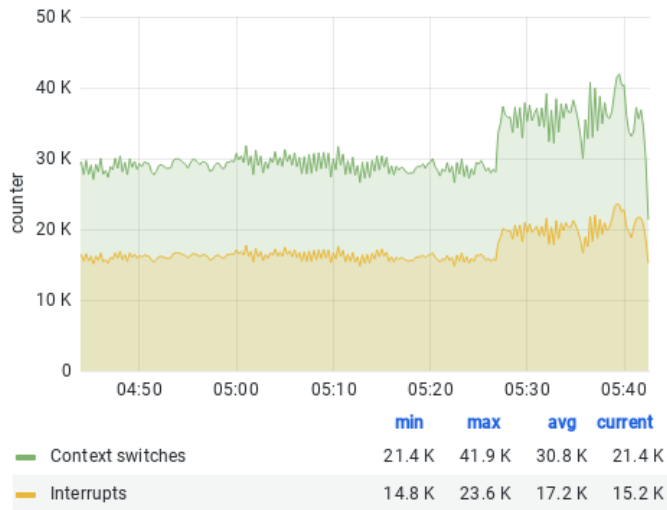
Processes Status



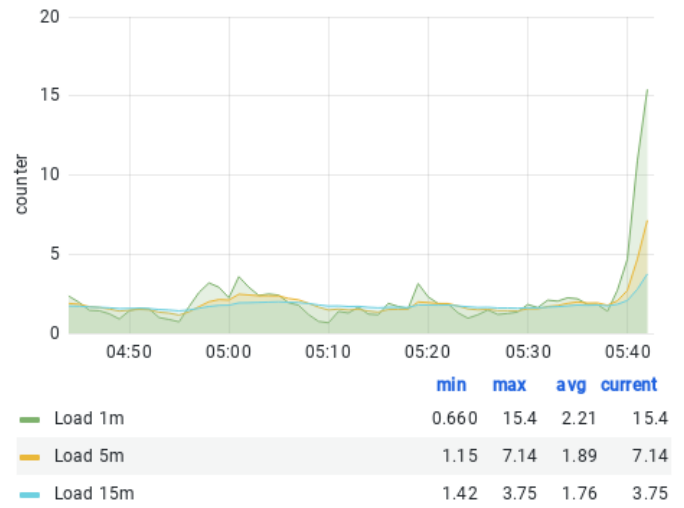




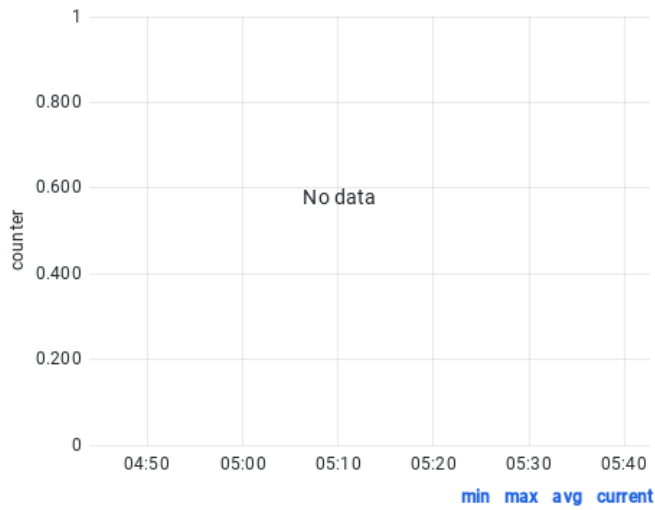
Context Switches / Interrupts



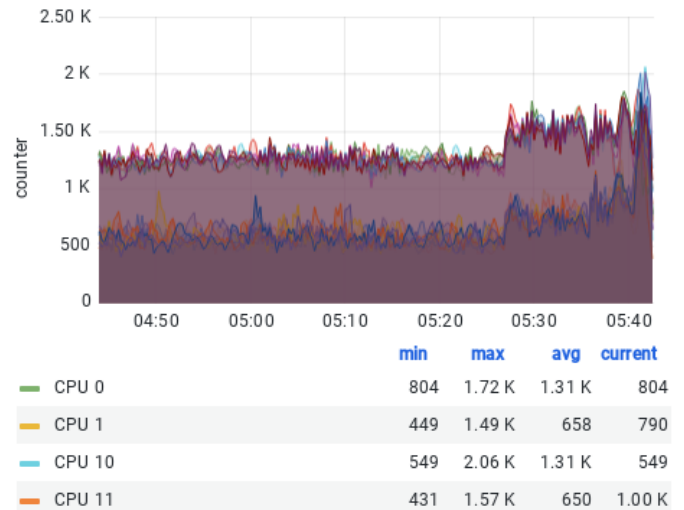
System Load



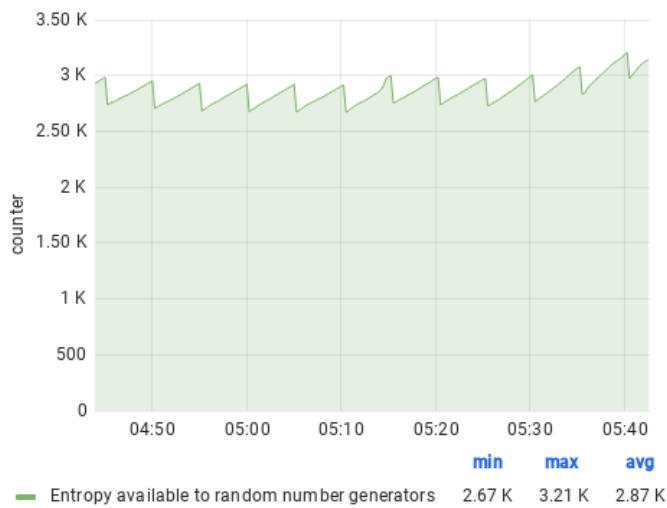
Interrupts Detail



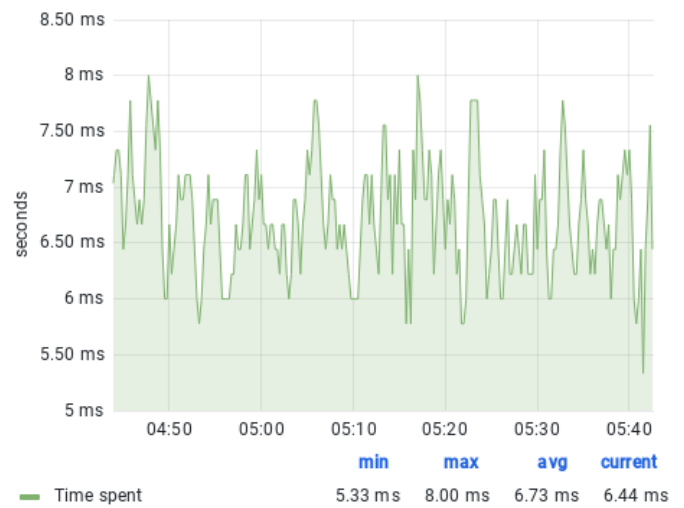
Schedule timeslices executed by each cpu



Entropy



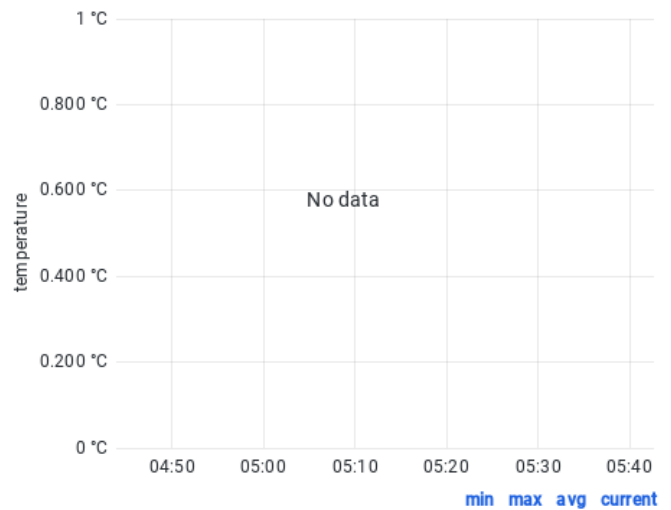
CPU time spent in user and system contexts



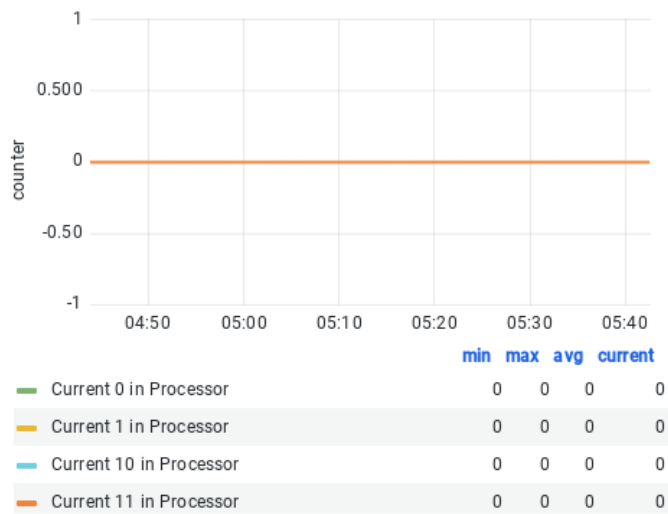
File Descriptors



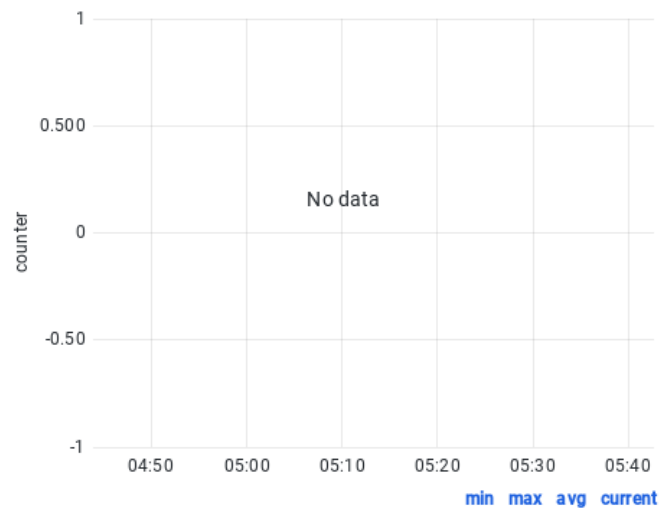
Hardware temperature monitor



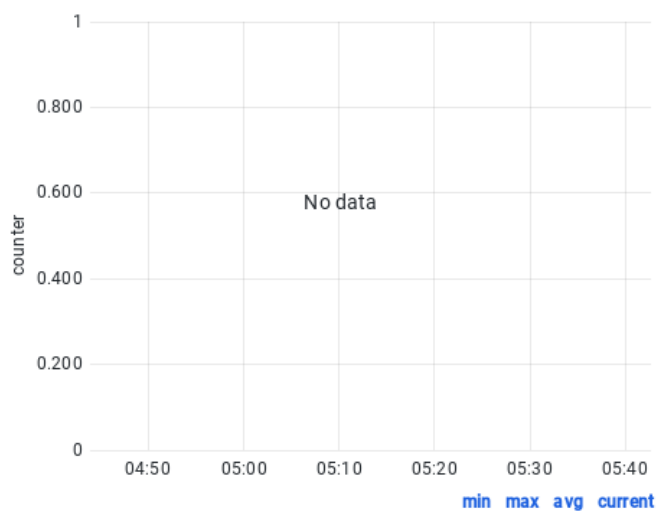
Throttle cooling device



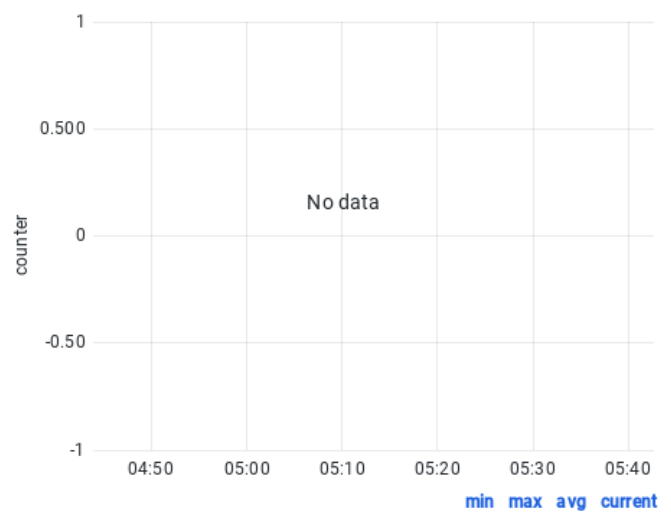
Power supply

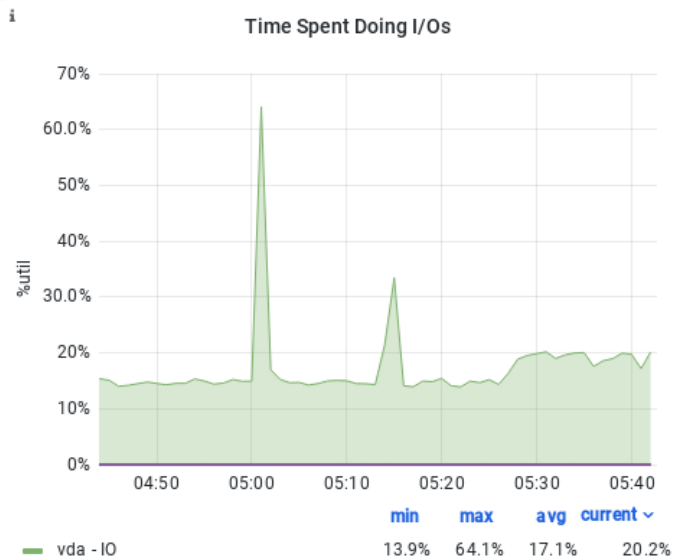
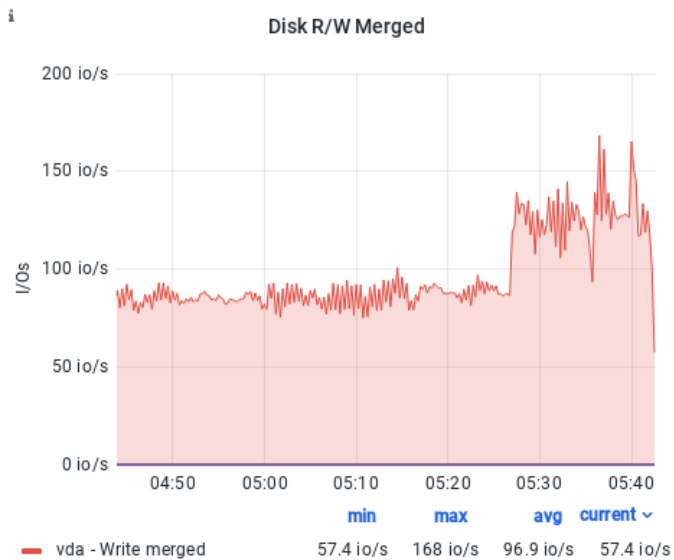
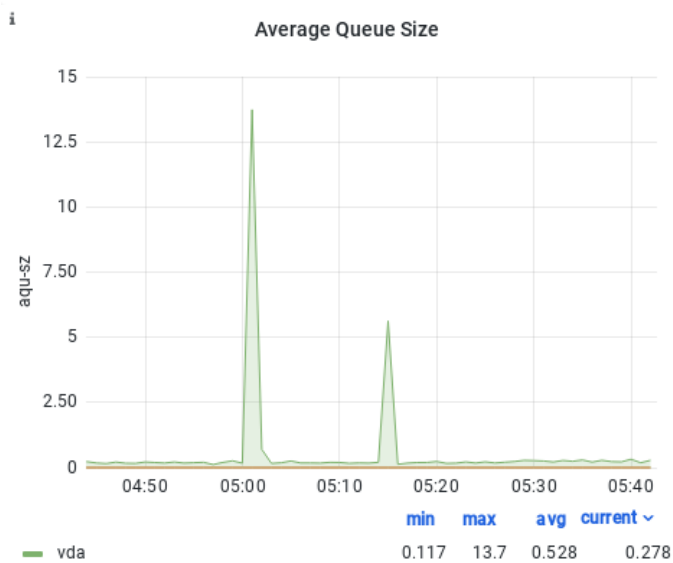
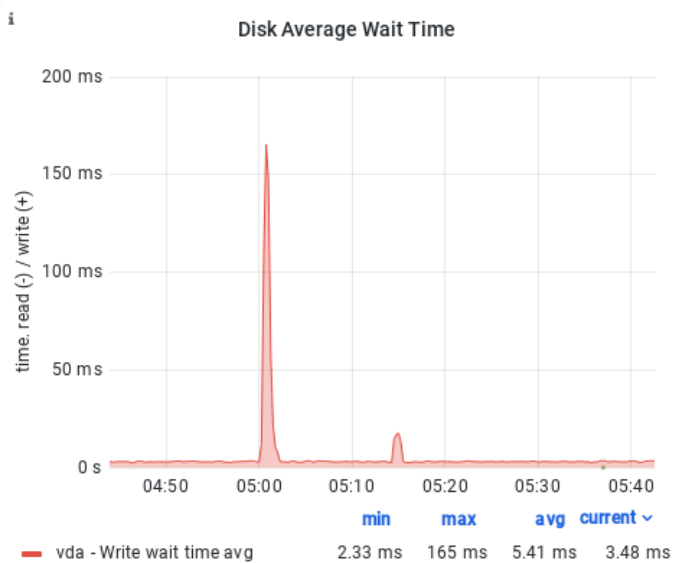
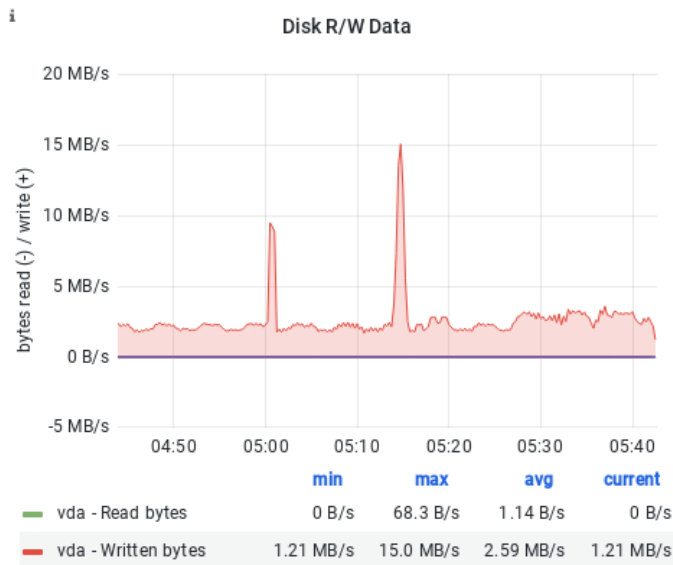
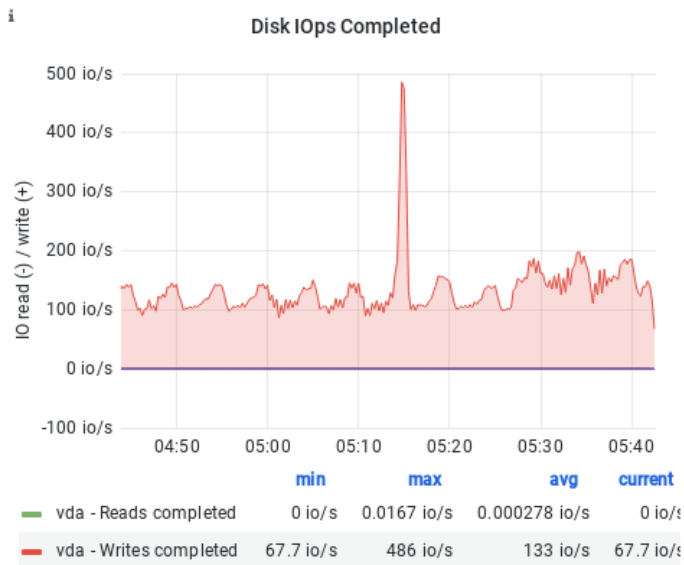


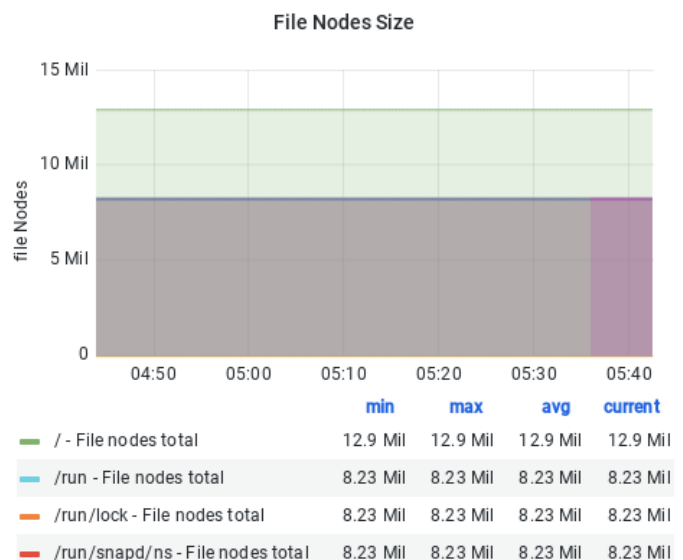
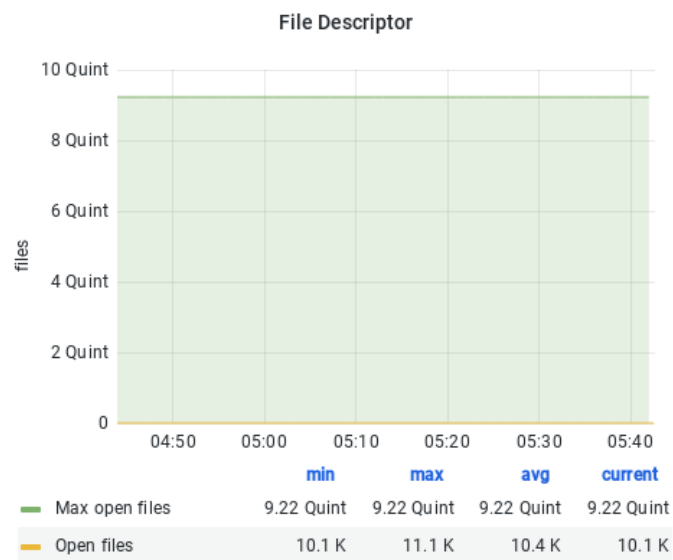
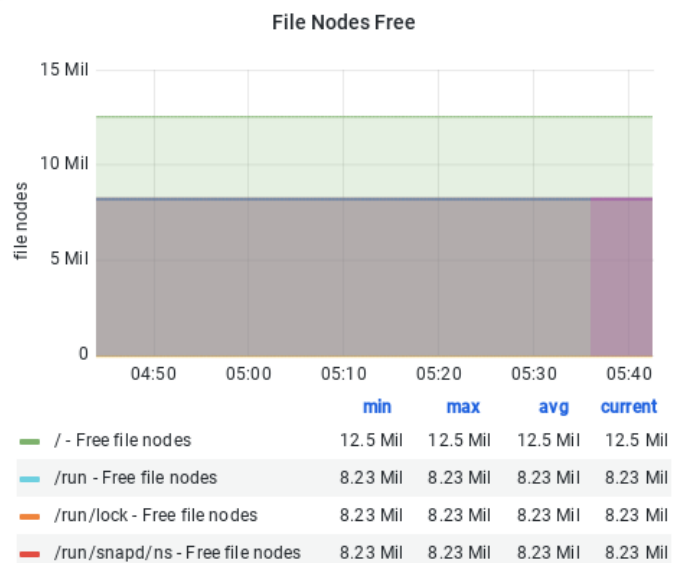
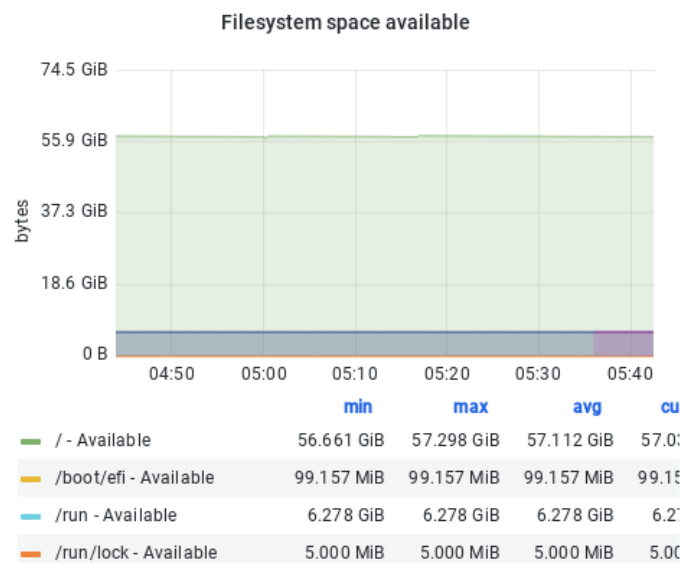
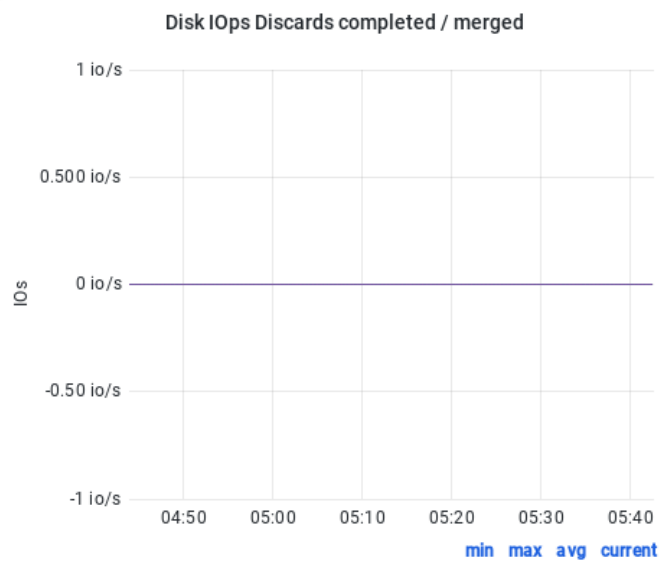
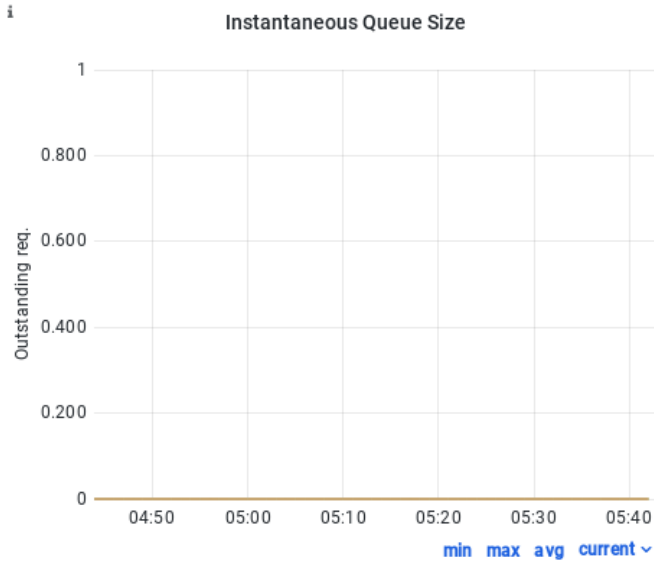
Systemd Sockets



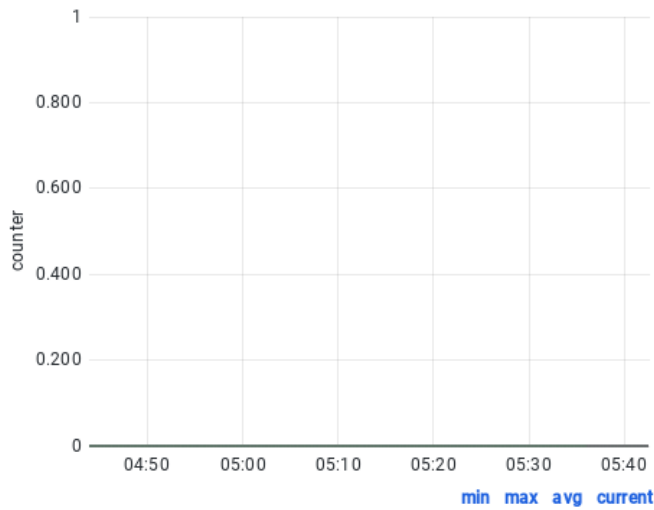
Systemd Units State



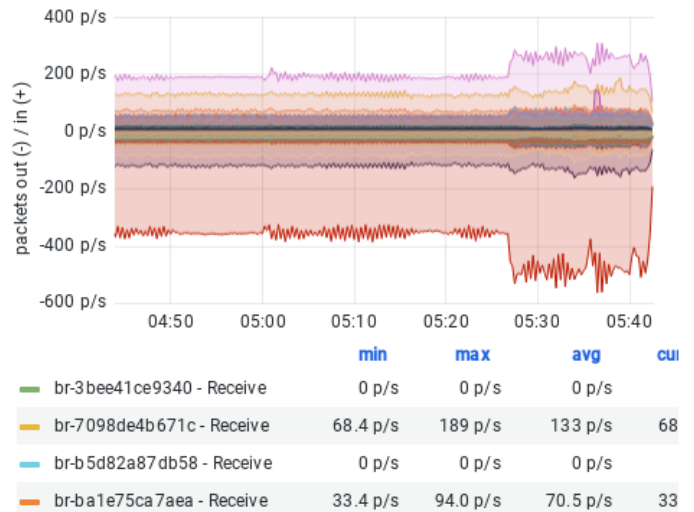




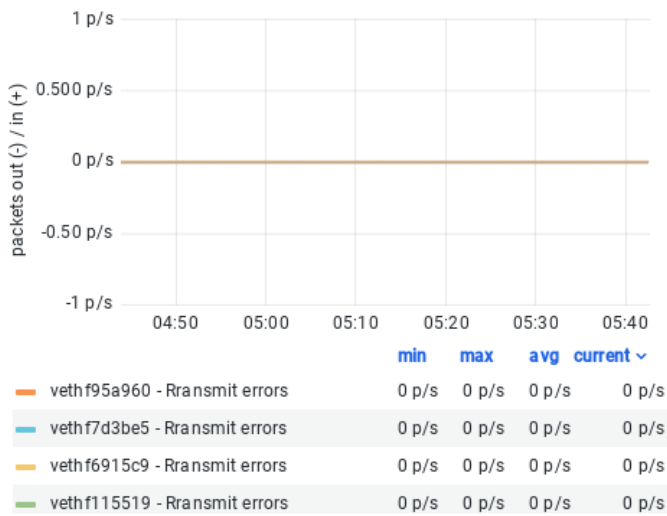
Filesystem in ReadOnly / Error



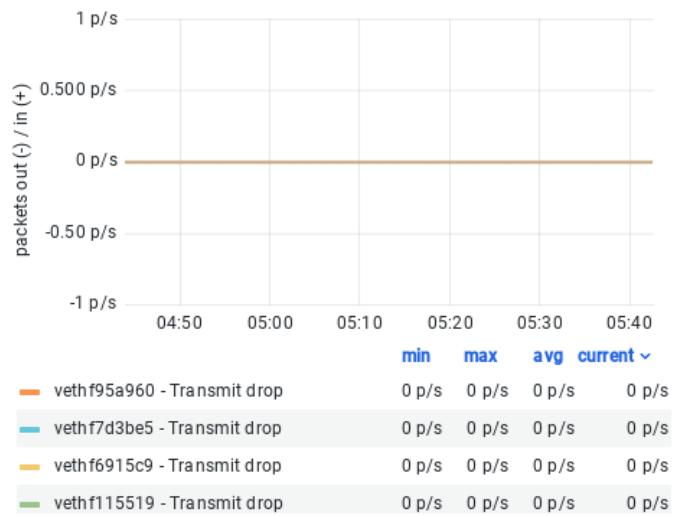
Network Traffic by Packets



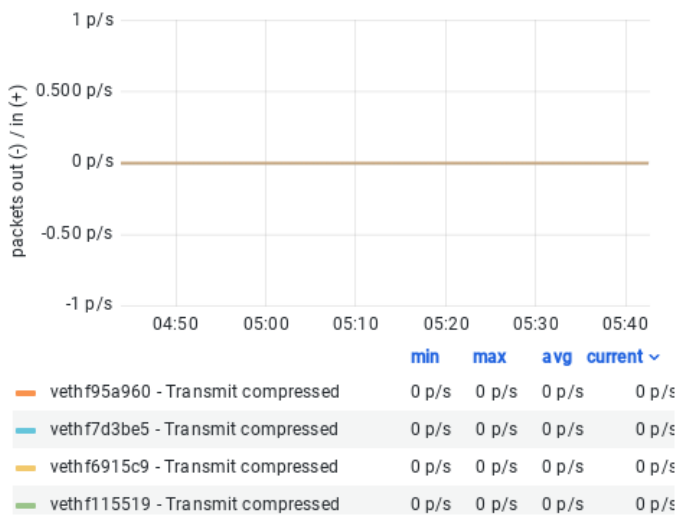
Network Traffic Errors



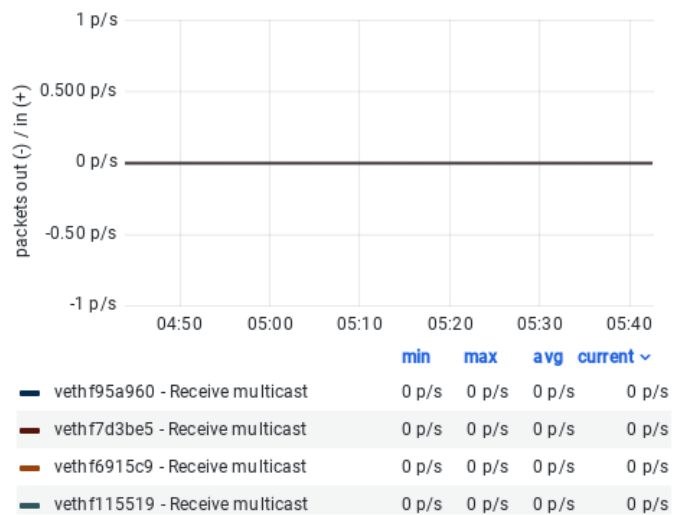
Network Traffic Drop



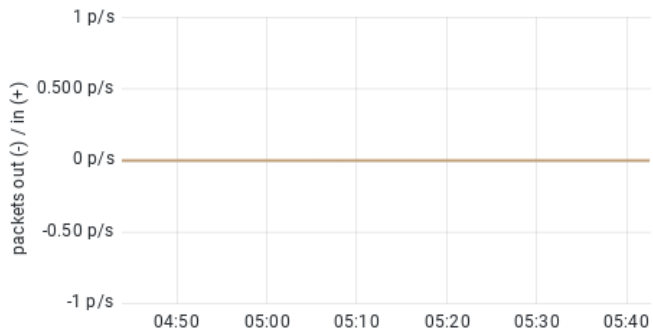
Network Traffic Compressed



Network Traffic Multicast

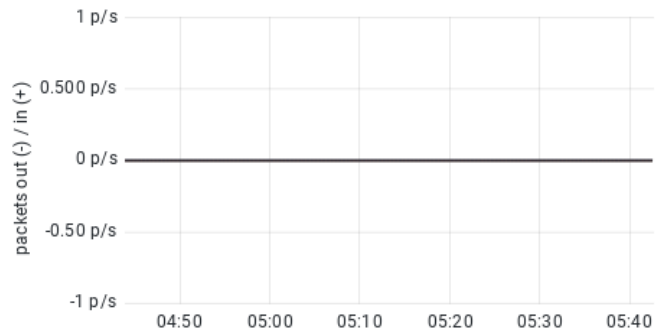


Network Traffic Fifo



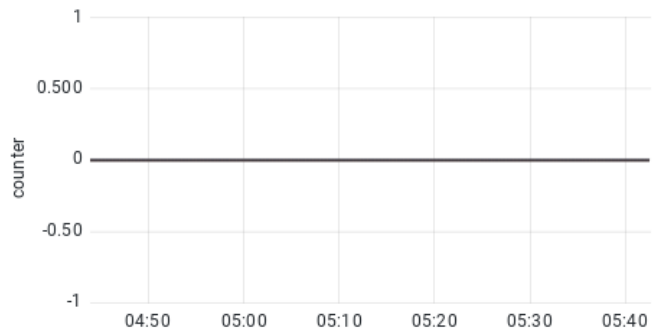
	min	max	avg	current
vethf95a960 - Transmit fifo	0 p/s	0 p/s	0 p/s	0 p/s
vethf7d3be5 - Transmit fifo	0 p/s	0 p/s	0 p/s	0 p/s
vethf6915c9 - Transmit fifo	0 p/s	0 p/s	0 p/s	0 p/s
vethf115519 - Transmit fifo	0 p/s	0 p/s	0 p/s	0 p/s

Network Traffic Frame



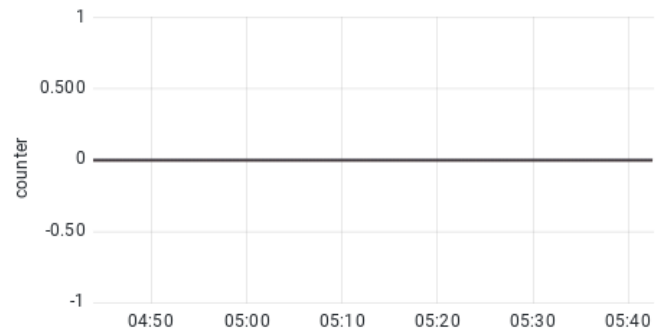
	min	max	avg	current
vethf95a960 - Receive frame	0 p/s	0 p/s	0 p/s	0 p/s
vethf7d3be5 - Receive frame	0 p/s	0 p/s	0 p/s	0 p/s
vethf6915c9 - Receive frame	0 p/s	0 p/s	0 p/s	0 p/s
vethf115519 - Receive frame	0 p/s	0 p/s	0 p/s	0 p/s

Network Traffic Carrier



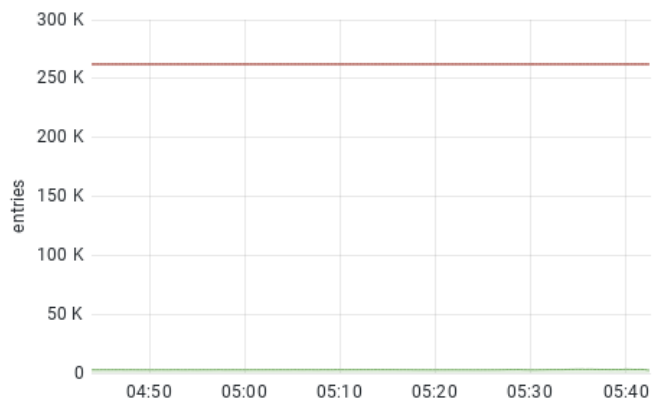
	min	max	avg	current
vethf95a960 - Statistic transmit_carrier	0	0	0	0
vethf7d3be5 - Statistic transmit_carrier	0	0	0	0
vethf6915c9 - Statistic transmit_carrier	0	0	0	0
vethf115519 - Statistic transmit_carrier	0	0	0	0

Network Traffic Colls



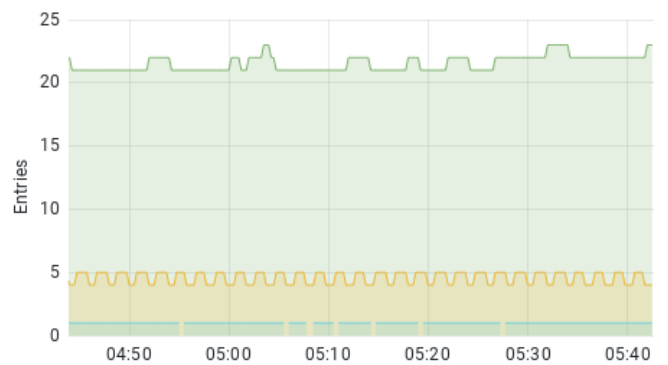
	min	max	avg	current
vethf95a960 - Transmit colls	0	0	0	0
vethf7d3be5 - Transmit colls	0	0	0	0
vethf6915c9 - Transmit colls	0	0	0	0
vethf115519 - Transmit colls	0	0	0	0

NF Contrack



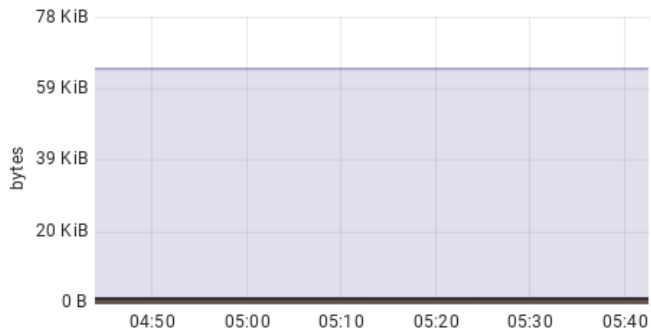
	min	max	avg	current
NF conntrack entries	2.50 K	3.28 K	2.88 K	2.50 K
NF conntrack limit	262 K	262 K	262 K	262 K

ARP Entries



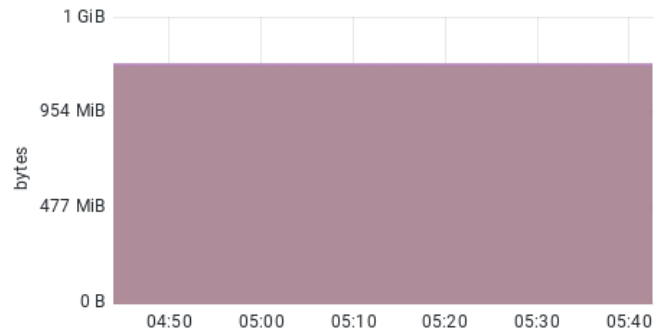
	min	max	avg	current
br-7098de4b671c - ARP entries	21	23	21.5	23
br-ba1e75ca7aea - ARP entries	4	5	4.56	4
ens3 - ARP entries	1	1	1	1

MTU



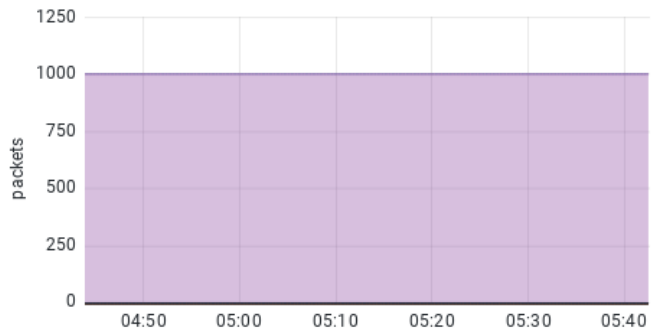
	min	max	avg	current
br-3bee41ce9340 - Bytes	1.5 KiB	1.5 KiB	1.5 KiB	1.5 KiB
br-7098de4b671c - Bytes	1.5 KiB	1.5 KiB	1.5 KiB	1.5 KiB
br-b5d82a87db58 - Bytes	1.5 KiB	1.5 KiB	1.5 KiB	1.5 KiB
br-ba1e75ca7aea - Bytes	1.5 KiB	1.5 KiB	1.5 KiB	1.5 KiB

Speed



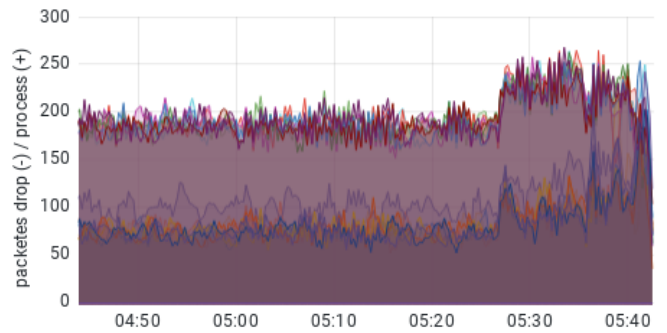
	min	max	avg	current
ens3 - Speed	-122.1 KiB	-122.1 KiB	-122.1 KiB	-122.1 KiB
veth0093147 - Speed	1.2 GiB	1.2 GiB	1.2 GiB	1.2 GiB
veth18ef59a - Speed	1.2 GiB	1.2 GiB	1.2 GiB	1.2 GiB
veth1c72a06 - Speed	1.2 GiB	1.2 GiB	1.2 GiB	1.2 GiB

Queue Length



	min	max	avg	current
br-3bee41ce9340 - Interface transmit queue length	0	0	0	0
br-7098de4b671c - Interface transmit queue length	0	0	0	0
br-b5d82a87db58 - Interface transmit queue length	0	0	0	0
br-ba1e75ca7aea - Interface transmit queue length	0	0	0	0

Softnet Packets



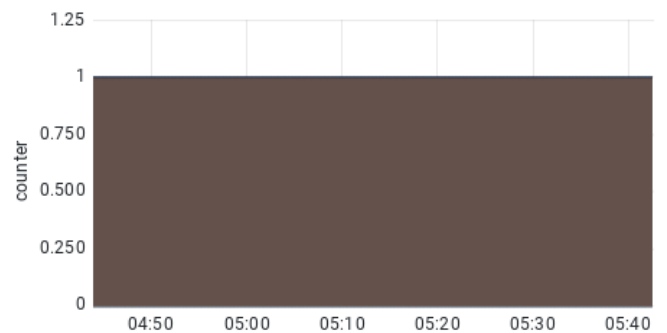
	min	max	avg	current
CPU 15 - Processed	74.7	243	111	120
CPU 6 - Processed	104	256	193	104
CPU 4 - Processed	91.3	254	192	91.3
CPU 13 - Processed	56.3	202	85.3	89.3

Softnet Out of Quota



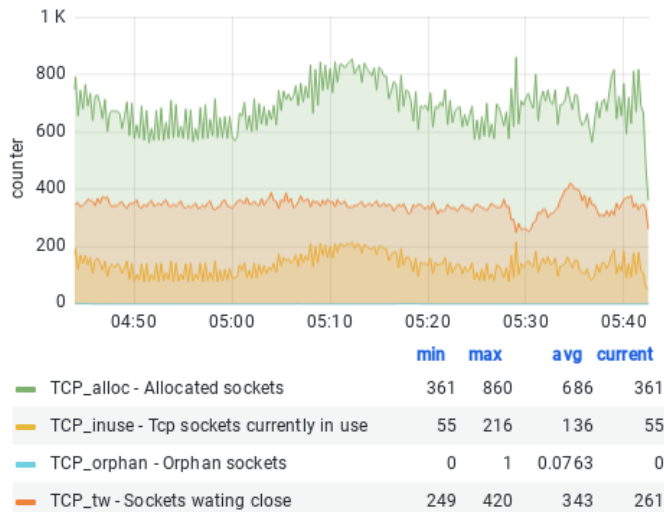
	min	max	avg	current
CPU 9 - Squeezed	0	0	0	0
CPU 8 - Squeezed	0	0.0222	0.000282	0
CPU 7 - Squeezed	0	0	0	0
CPU 6 - Squeezed	0	0	0	0

Network Operational Status

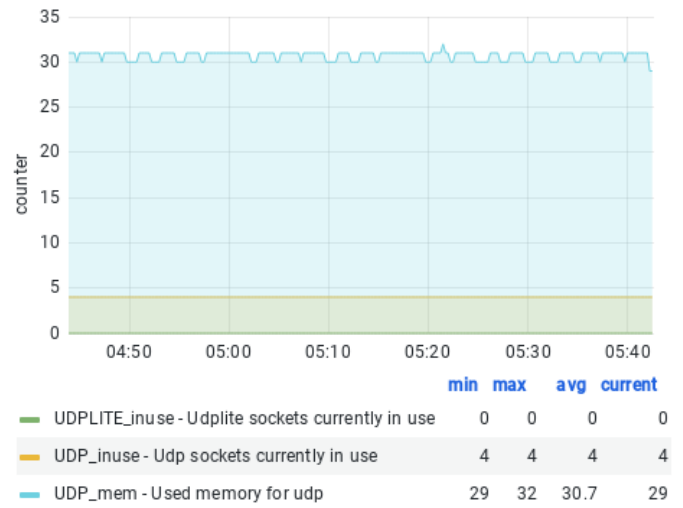


	min	max	avg	current
vethf95a960 - Physical link state	1	1	1	1
vethf7d3be5 - Physical link state	1	1	1	1
vethf6915c9 - Physical link state	1	1	1	1
vethf115519 - Physical link state	1	1	1	1

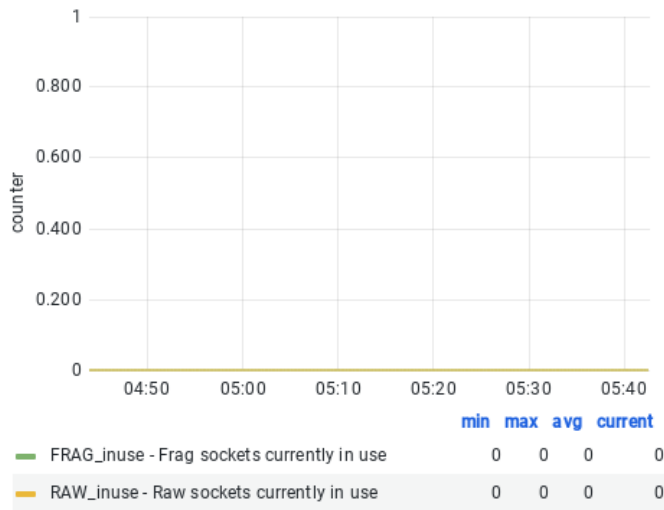
Sockstat TCP



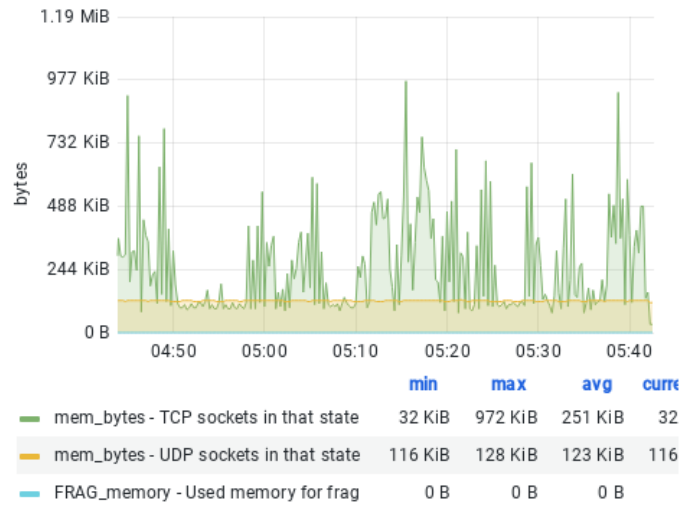
Sockstat UDP



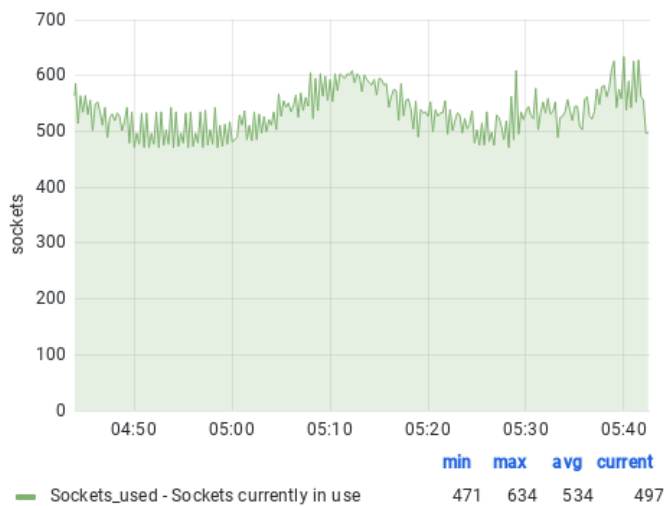
Sockstat FRAG / RAW



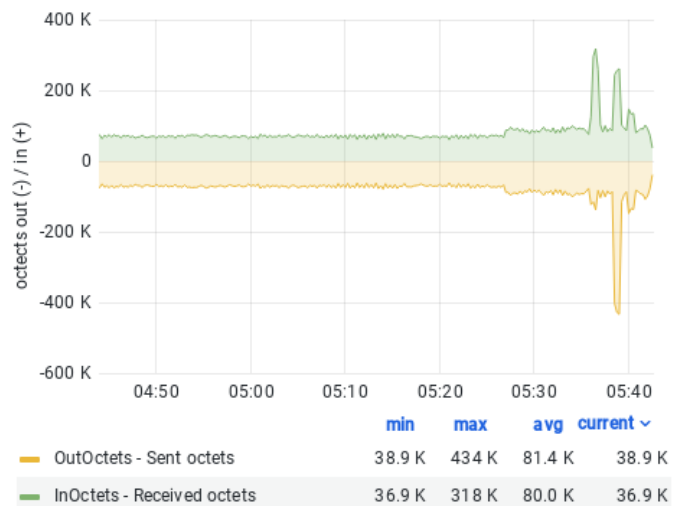
Sockstat Memory Size



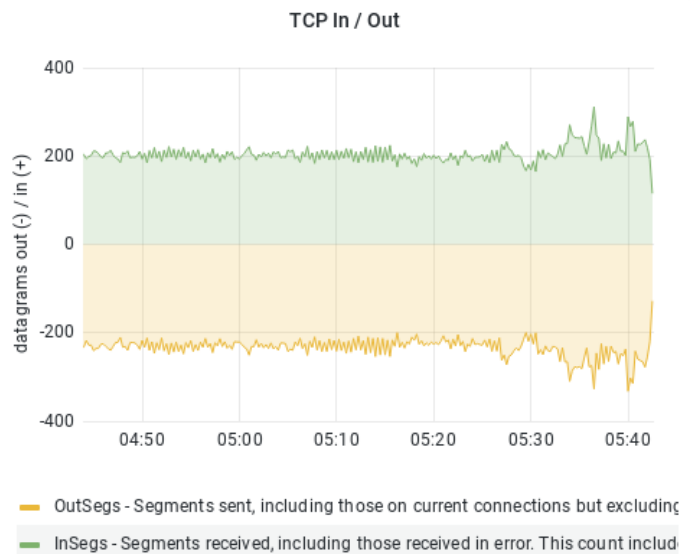
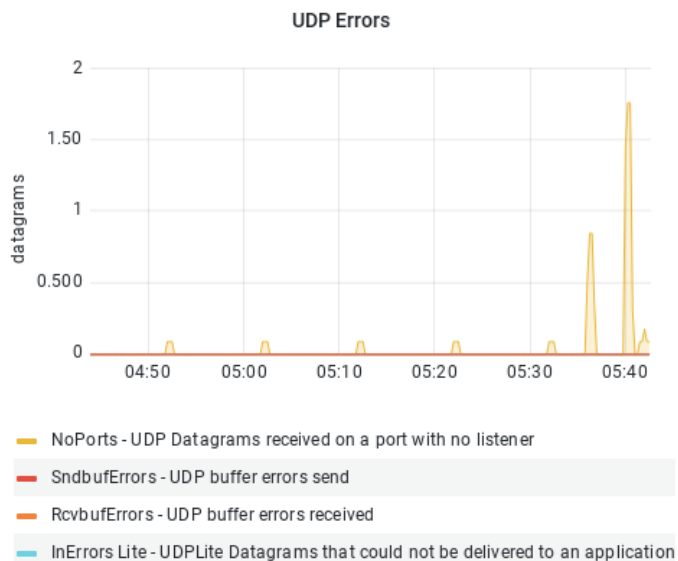
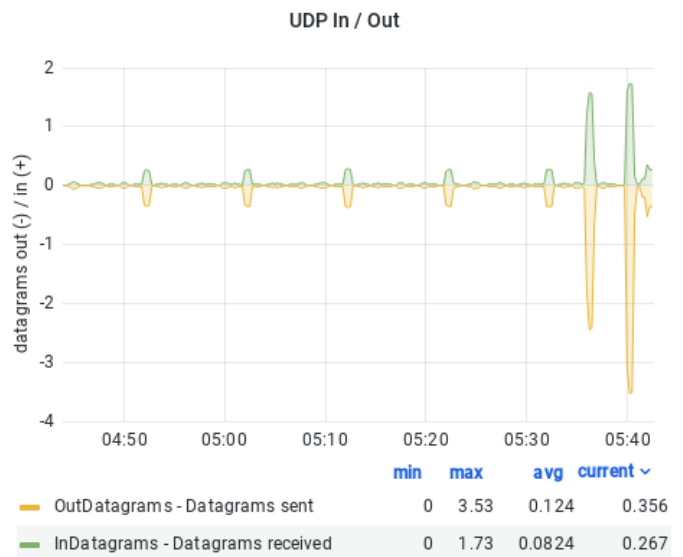
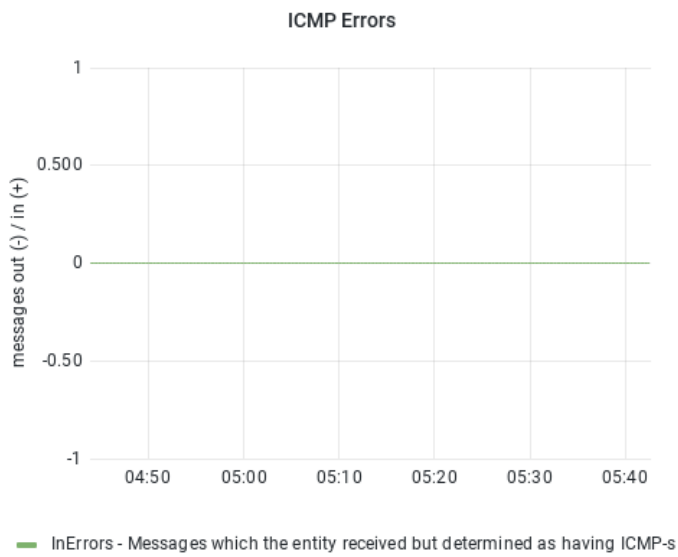
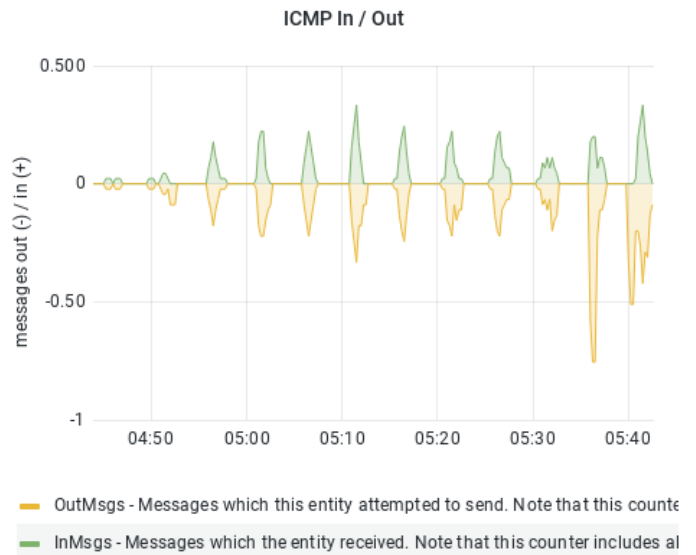
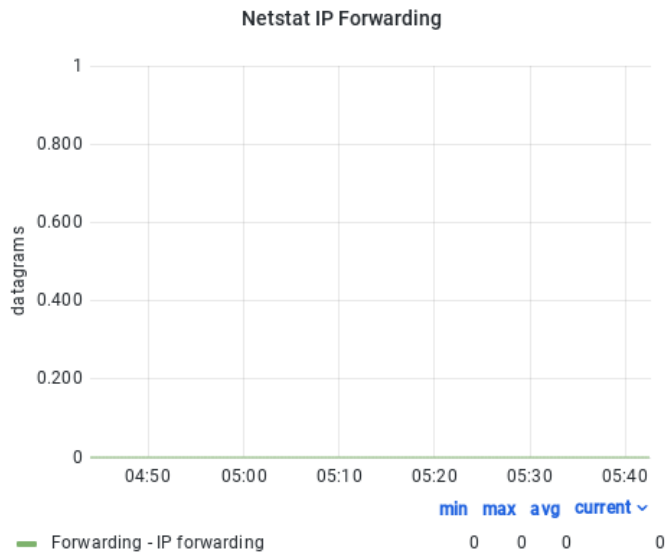
Sockstat Used



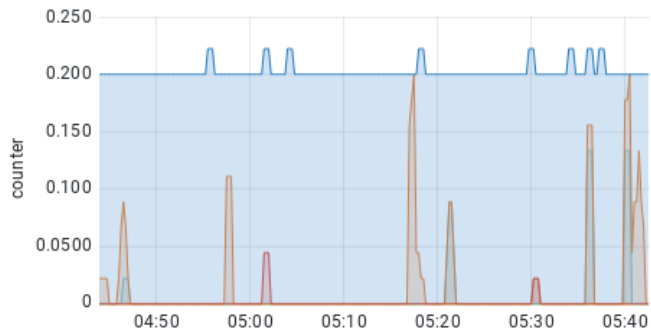
Netstat IP In / Out Octets





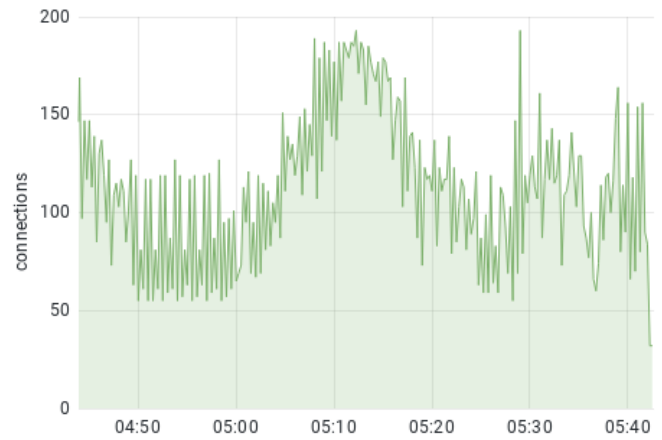


TCP Errors



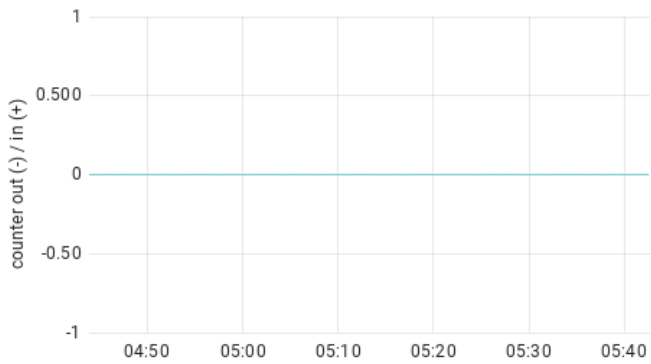
OutRsts - Segments sent with RST flag  
 InErrs - Segments received in error (e.g., bad TCP checksums)  
 RetransSegs - Segments retransmitted - that is, the number of TCP segments tr  
 TCPSynRetrans - SYN-SYN/ACK retransmits to break down retransmissions in

TCP Connections



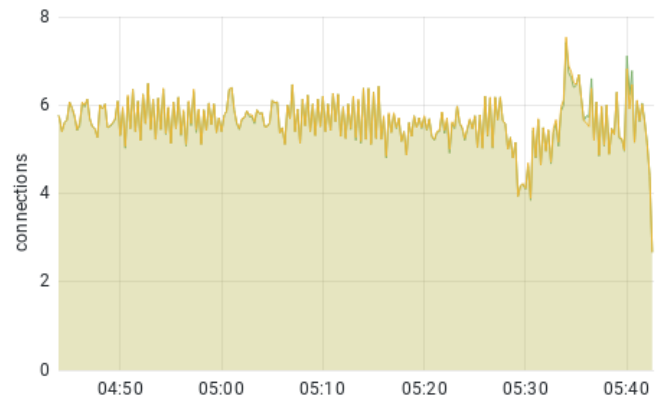
CurrEstab - TCP connections for which the current state is either ESTABLISHED

TCP SynCookie



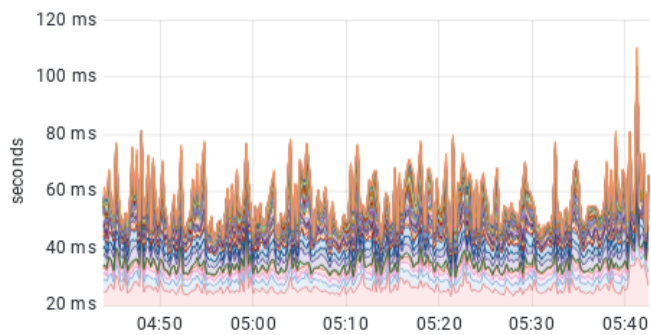
	min	max	avg	current
SyncookiesSent - SYN cookies sent	0	0	0	0
SyncookiesRecv - SYN cookies received	0	0	0	0
SyncookiesFailed - Invalid SYN cookies received	0	0	0	0

TCP Direct Transition



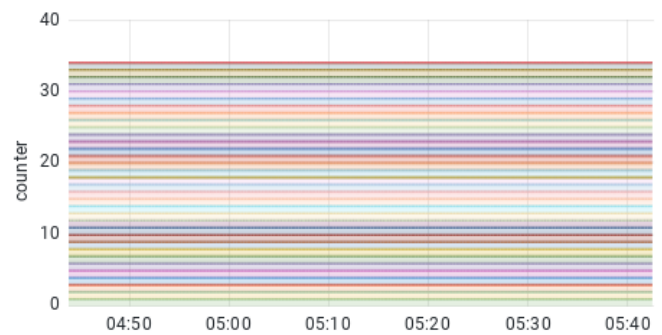
ActiveOpens - TCP connections that have made a direct transition to the SYN-S  
 PassiveOpens - TCP connections that have made a direct transition to the SYN

Node Exporter Scrape Time



	min	max	avg	current
netclass - Scrape duration	23.7 ms	38.1 ms	26.6 ms	27.4
netdev - Scrape duration	1.81 ms	10.4 ms	3.33 ms	4.53
netstat - Scrape duration	852 $\mu$ s	4.50 ms	2.14 ms	4.50
thermal_zone - Scrape duration	663 $\mu$ s	4.47 ms	2.06 ms	4.47

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