

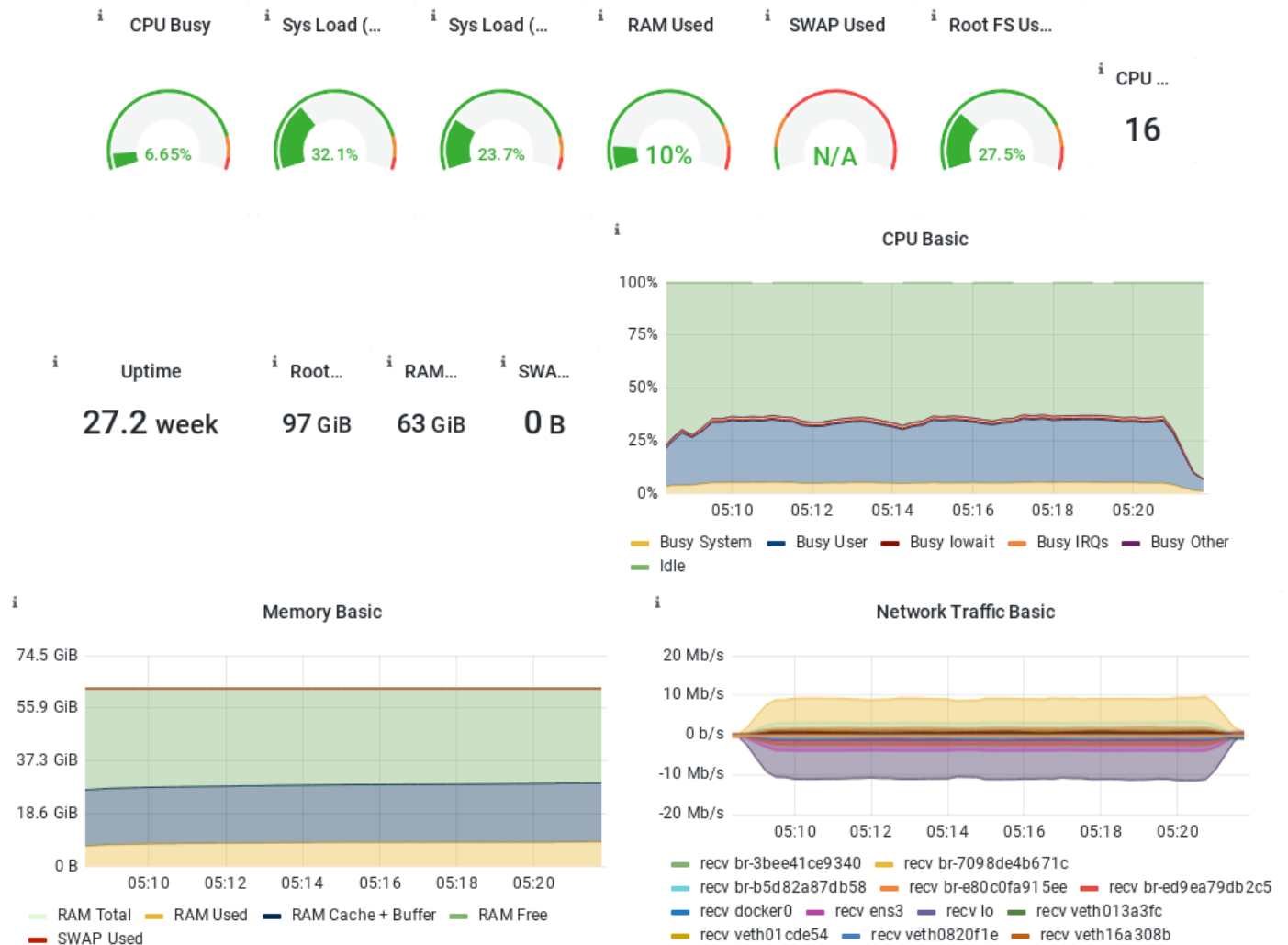
Host Metrics

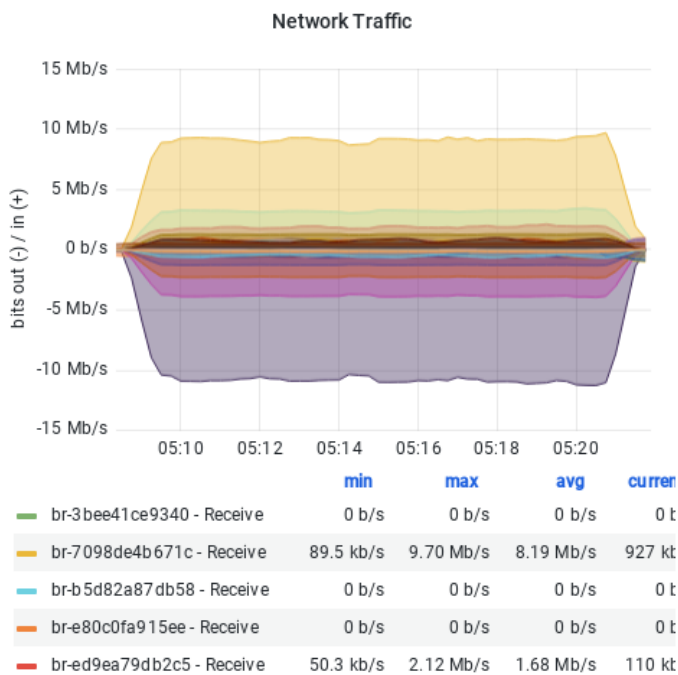
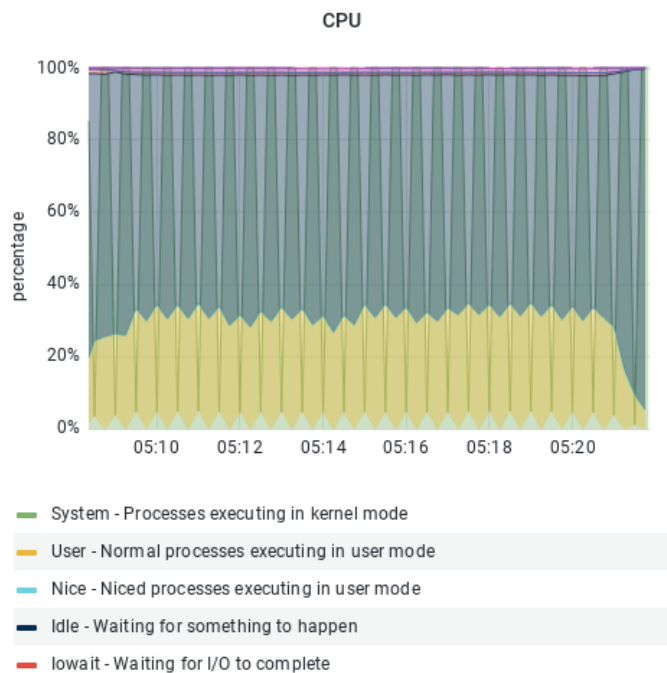
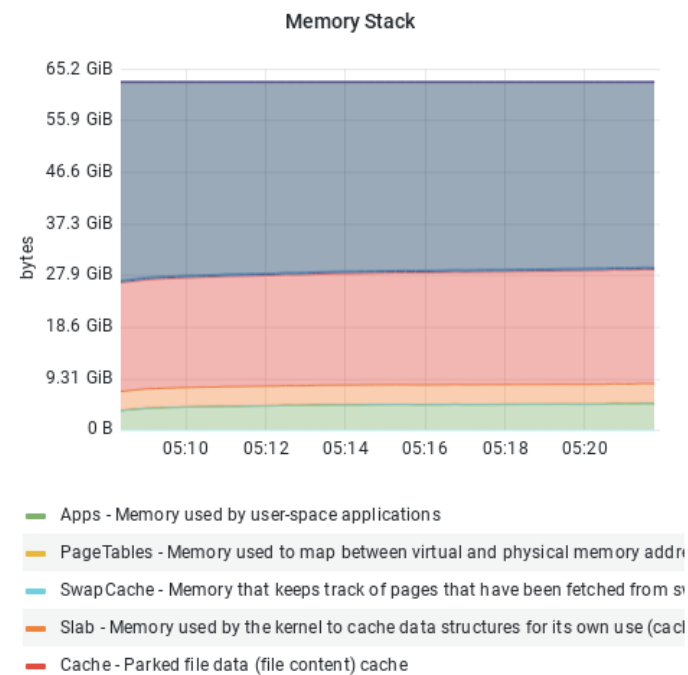
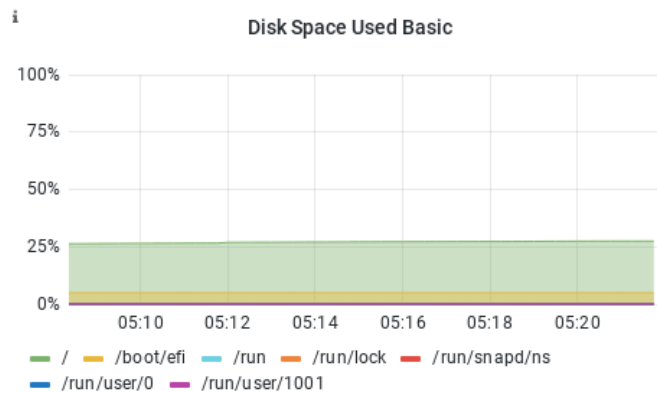
The dashboard visualizes host metrics collected by node_exporter. (based on: <https://grafana.com/grafana/dashboards/1860>)

Thu Apr 21 05:08:21 UTC 2022

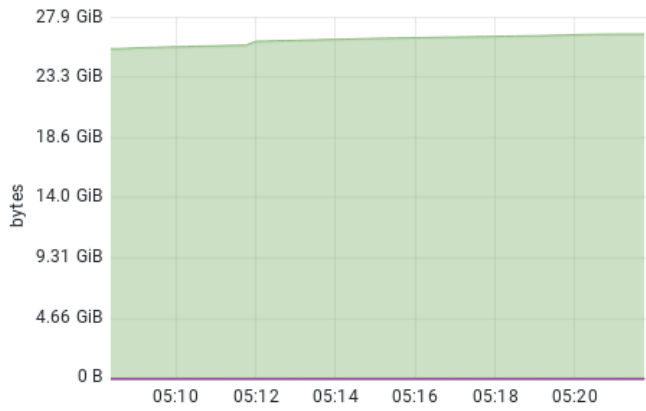
to

Thu Apr 21 05:21:53 UTC 2022



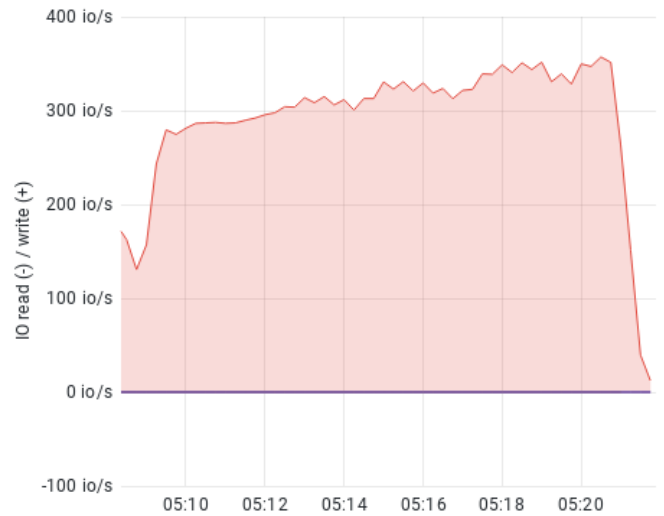


Disk Space Used



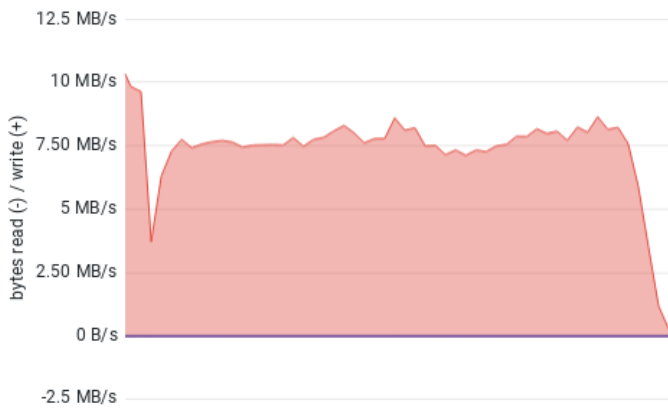
	min	max	avg	current
/run/lock	0 B	0 B	0 B	0 B
/run/user/0	0 B	0 B	0 B	0 B
/run/user/1001	0 B	0 B	0 B	0 B
/run	3.727 MiB	3.727 MiB	3.727 MiB	3.727 MiB
/run/snapd/ns	3.727 MiB	3.727 MiB	3.727 MiB	3.727 MiB

Disk IOPS



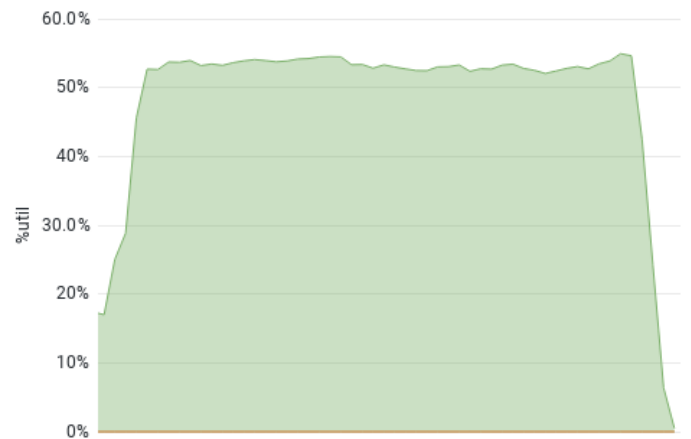
	min	max	avg	current
vda - Reads completed	0 io/s	0.267 io/s	0.0286 io/s	0.0167 io/s
vda - Writes completed	12.3 io/s	357 io/s	289 io/s	12.3 io/s

I/O Usage Read / Write



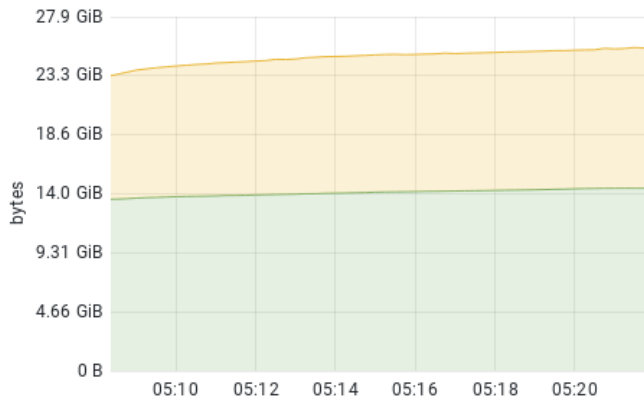
	min	max	avg
vda - Successfully read bytes	0 B/s	25.941 kB/s	1.589 kB/s
vdb - Successfully read bytes	0 B/s	0 B/s	0 B/s
vdc - Successfully read bytes	0 B/s	0 B/s	0 B/s
vdd - Successfully read bytes	0 B/s	0 B/s	0 B/s
vda - Successfully written bytes	280.075 kB/s	10.708 MB/s	7.412 MB/s

I/O Utilization



	min	max	avg	current
vda	0.489%	54.916%	48.381%	0.489%
vdb	0%	0%	0%	0%
vdc	0%	0%	0%	0%
vdd	0%	0%	0%	0%

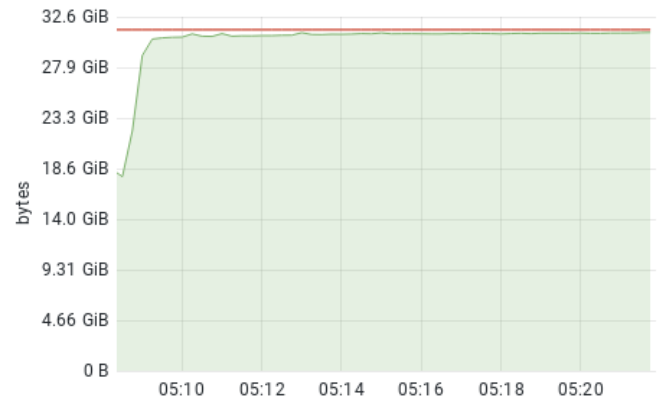
Memory Active / Inactive



— 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

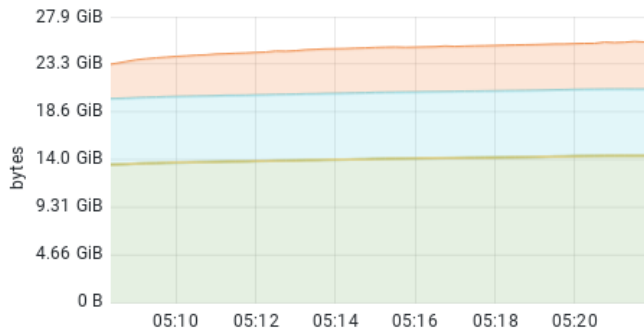
Memory Committed



— 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



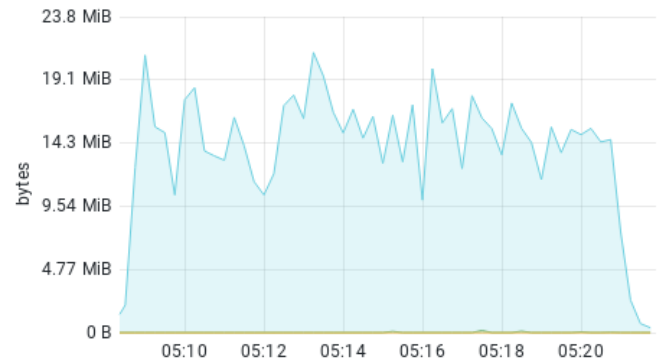
— Inactive_file - File-backed memory on inactive LRU list

— 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



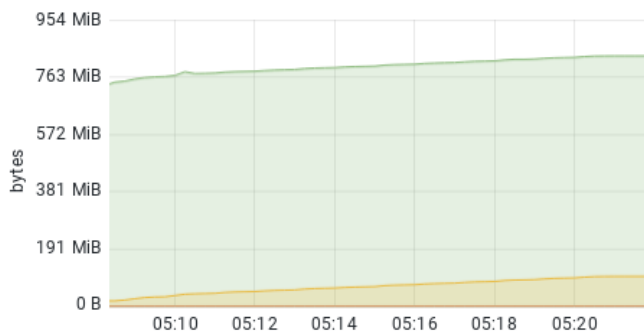
— Writeback - Memory which is actively being written back to disk

— WritebackTmp - Memory used by FUSE for temporary writeback buffers

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

376.

Memory Shared and Mapped



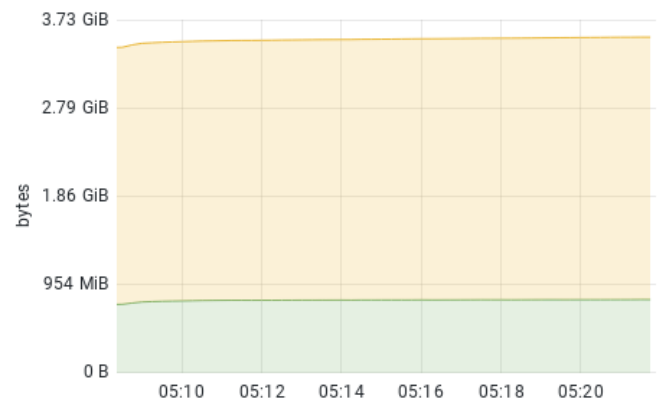
— Mapped - Used memory in mapped pages files which have been mmaped, such

— 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

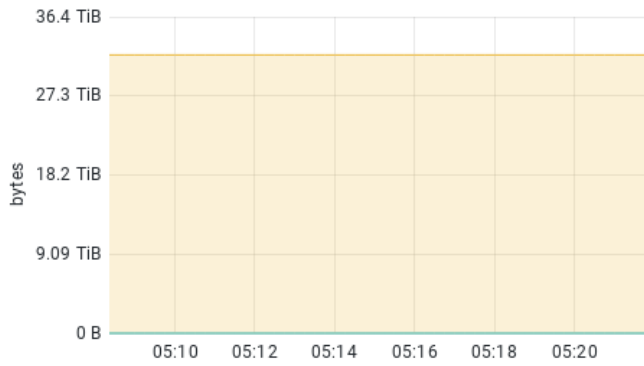


— SUnreclaim - Part of Slab, that cannot be reclaimed on memory pressure

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

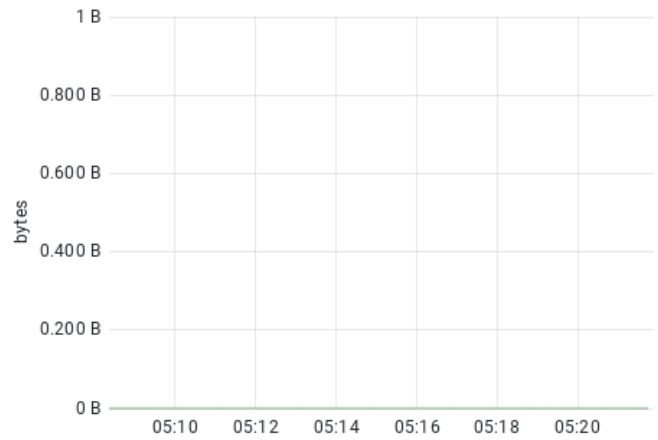
74

Memory Vmalloc



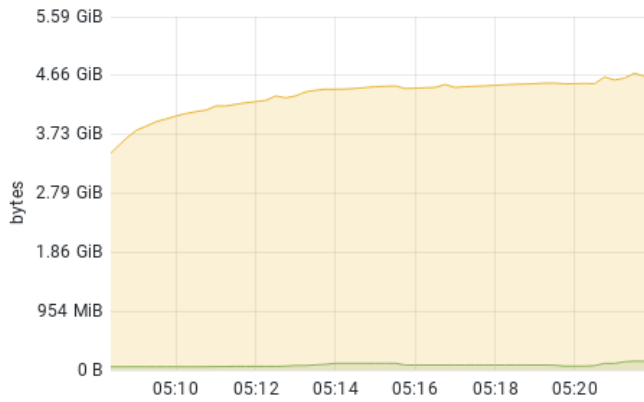
VmallocChunk - Largest contiguous block of vmalloc area which is free	
VmallocTotal - Total size of vmalloc memory area	32.0
VmallocUsed - Amount of vmalloc area which is used	44.5

Memory Bounce



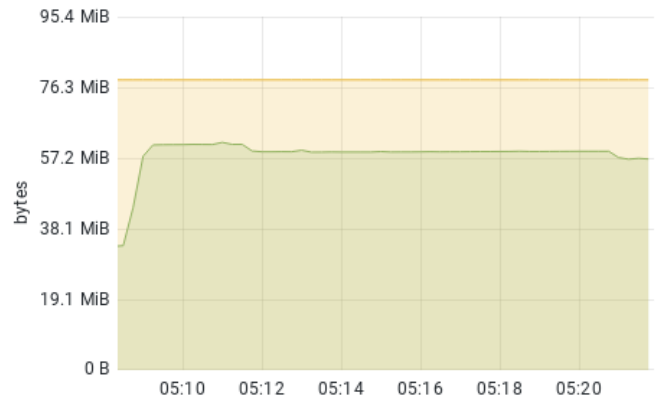
Bounce - Memory used for block device bounce buffers	0 B	0 B	0 B
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Memory Anonymous



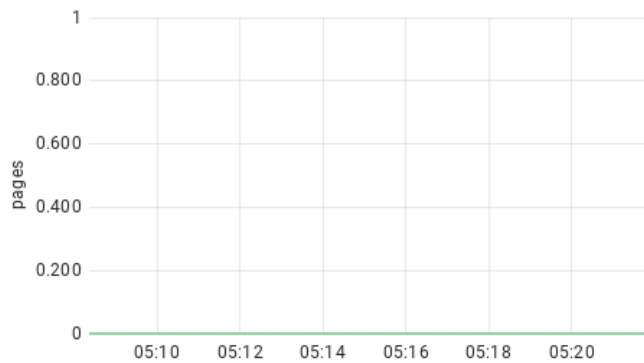
AnonHugePages - Memory in anonymous huge pages	52.00 MiB	144.00
AnonPages - Memory in user pages not backed by files	3.36 GiB	4.69

Memory Kernel / CPU



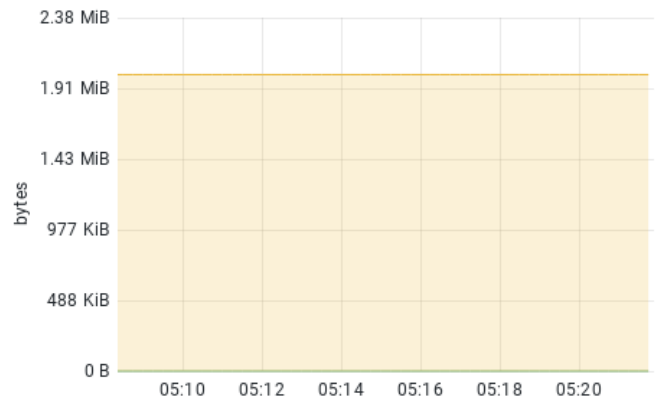
KernelStack - Kernel memory stack. This is not reclaimable	33.3
PerCPU - Per CPU memory allocated dynamically by loadable modules	78.3

Memory HugePages Counter



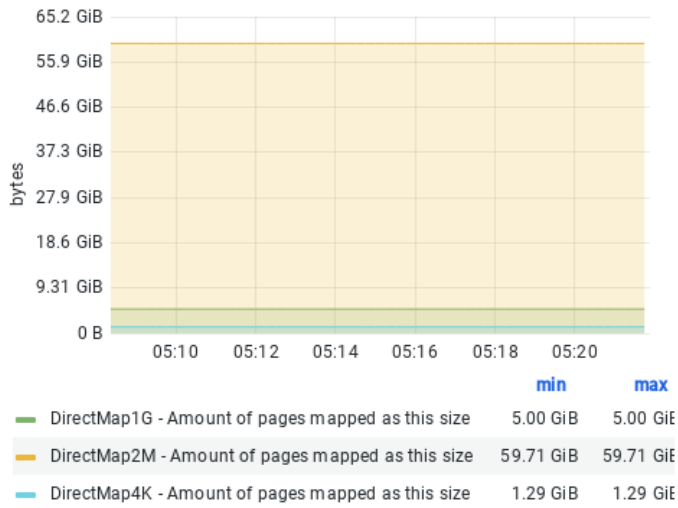
HugePages_Free - Huge pages in the pool that are not yet allocated	
HugePages_Rsvd - Huge pages for which a commitment to allocate from the p	
HugePages_Surp - Huge pages in the pool above the value in /proc/sys/vm/nr	

Memory HugePages Size

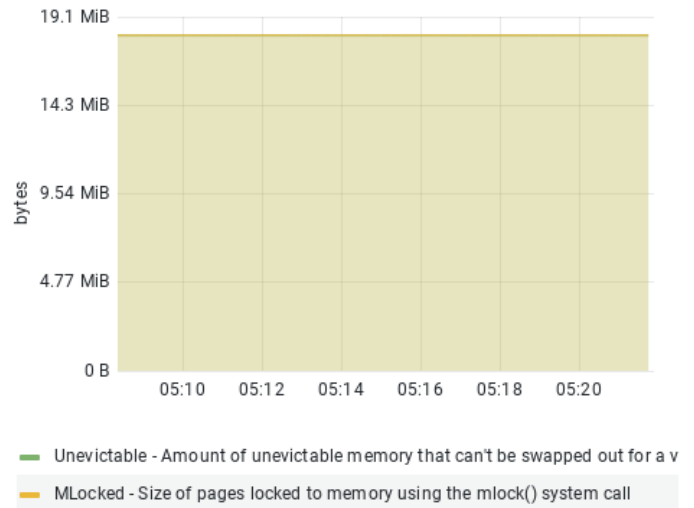


HugePages - Total size of the pool of huge pages	0 B	0 B
Hugepagesize - Huge Page size	2.00 MiB	2.00 MiB

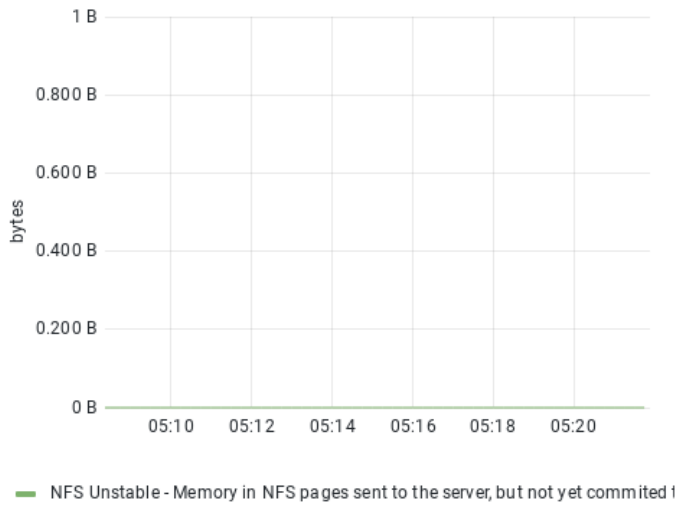
Memory DirectMap



Memory Unevictable and MLocked



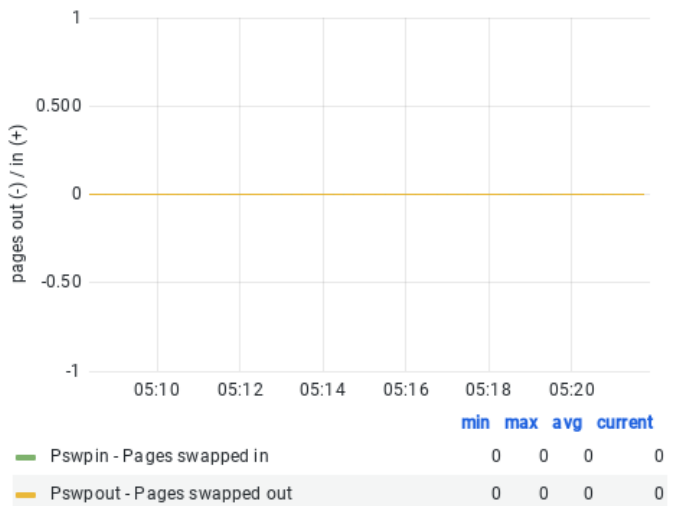
Memory NFS



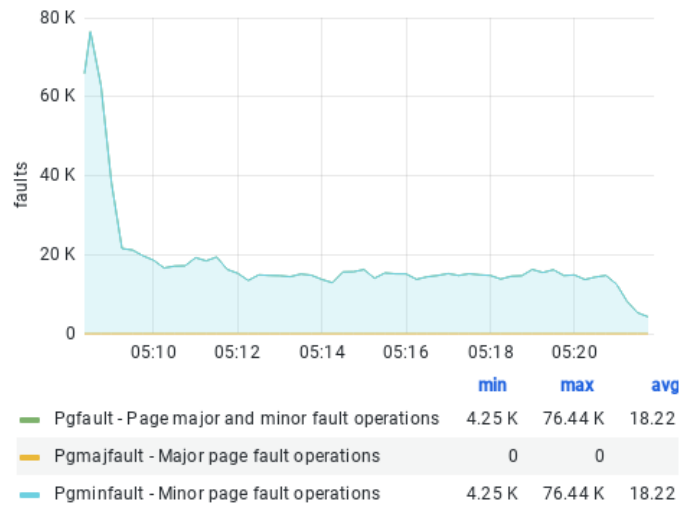
Memory Pages In / Out



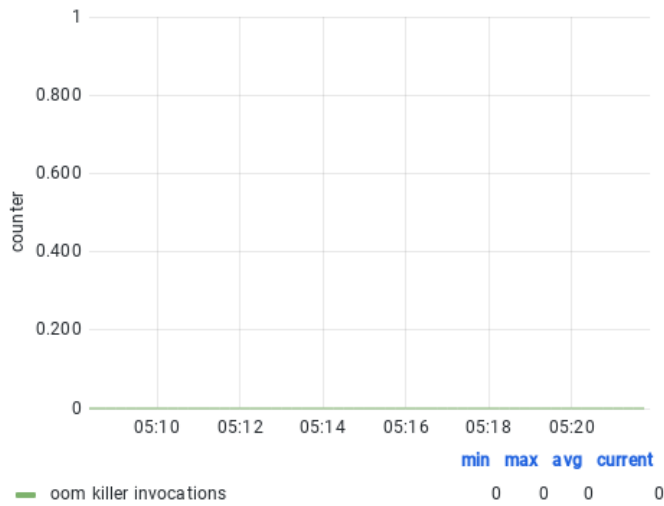
Memory Pages Swap In / Out



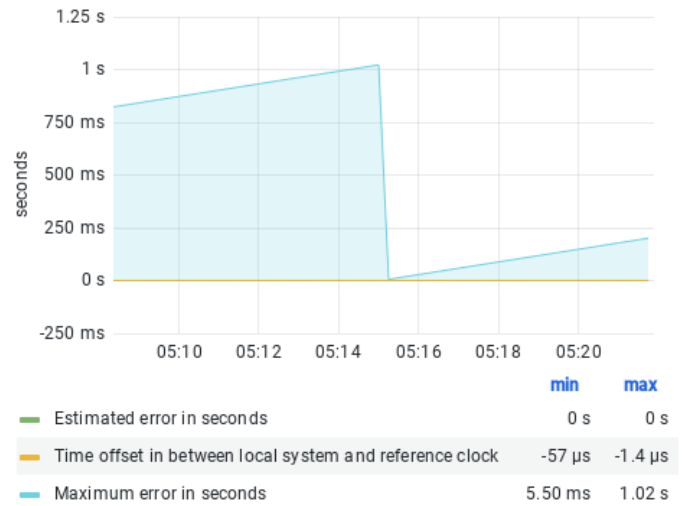
Memory Page Faults



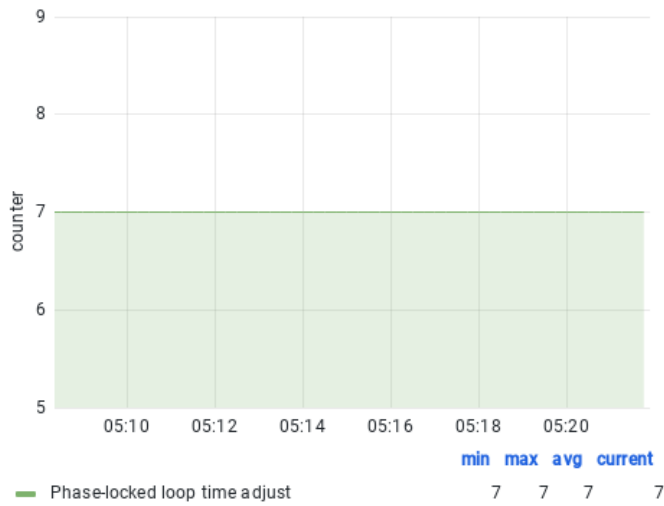
OOM Killer



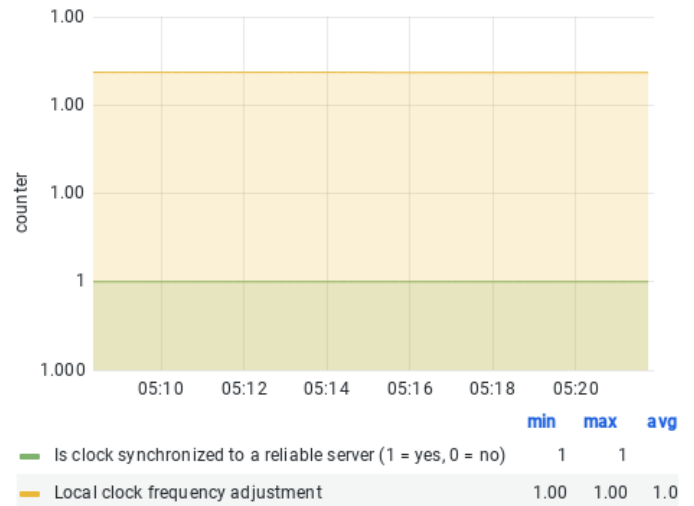
Time Synchronized Drift



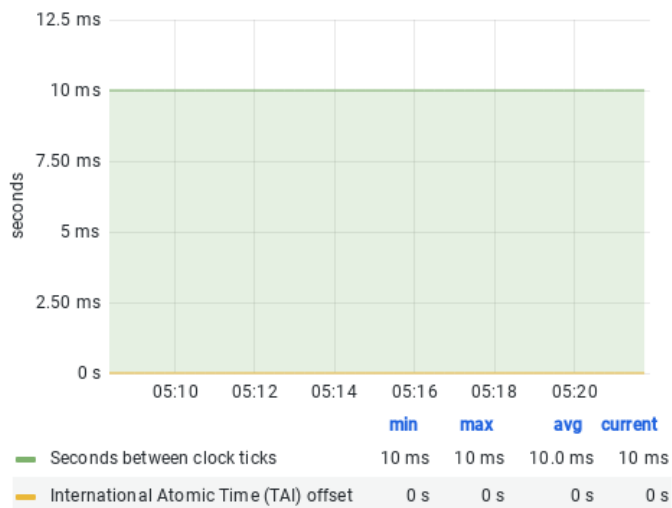
Time PLL Adjust



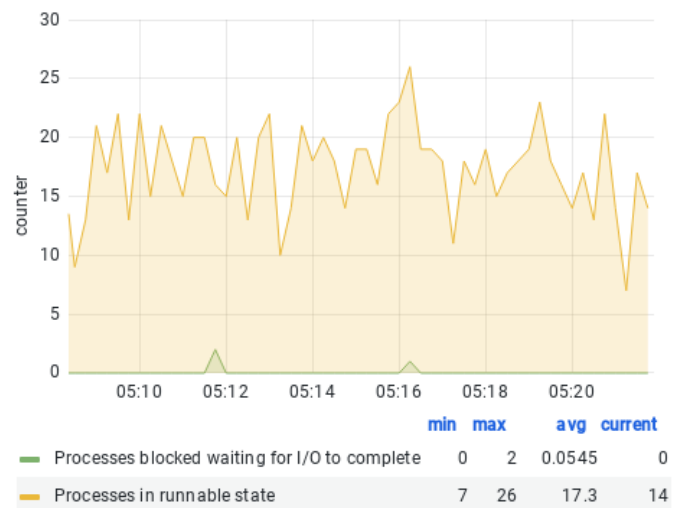
Time Synchronized Status

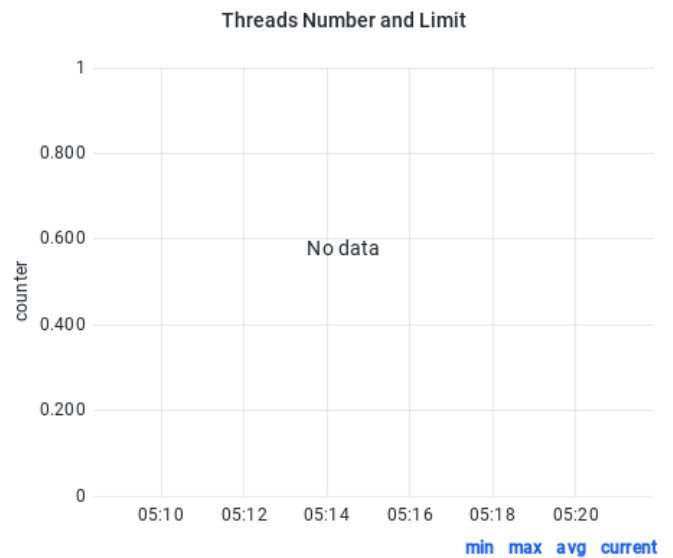
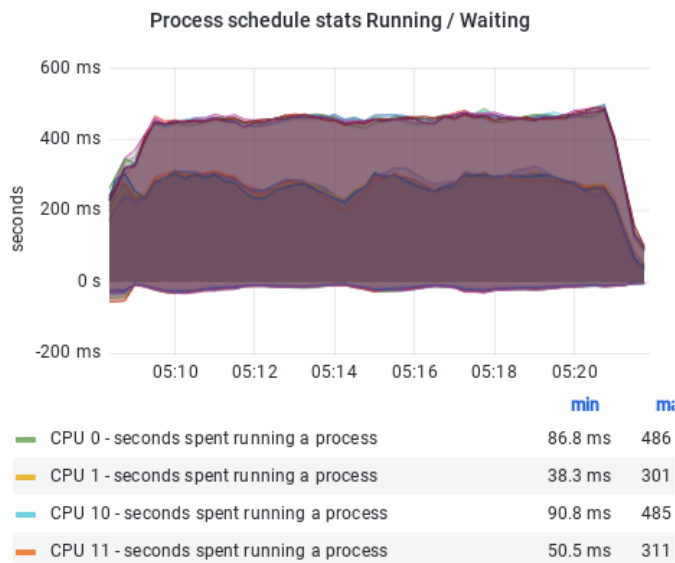
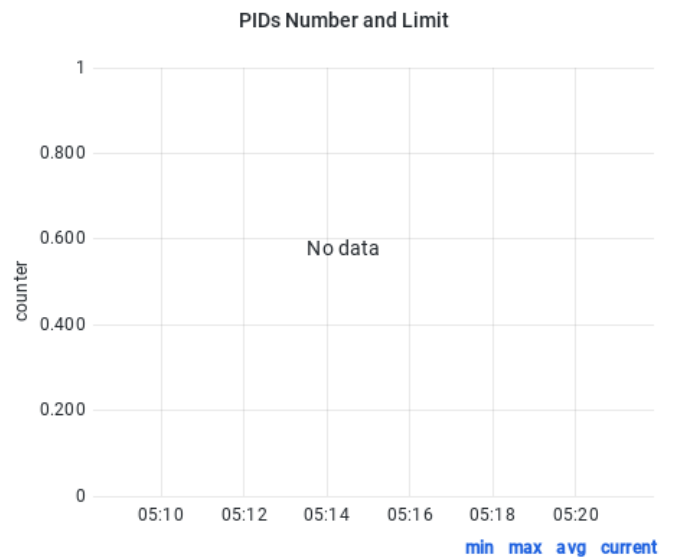
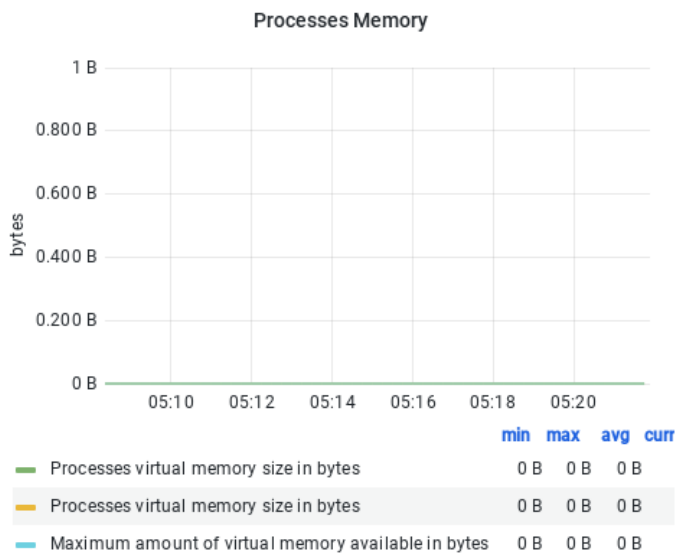
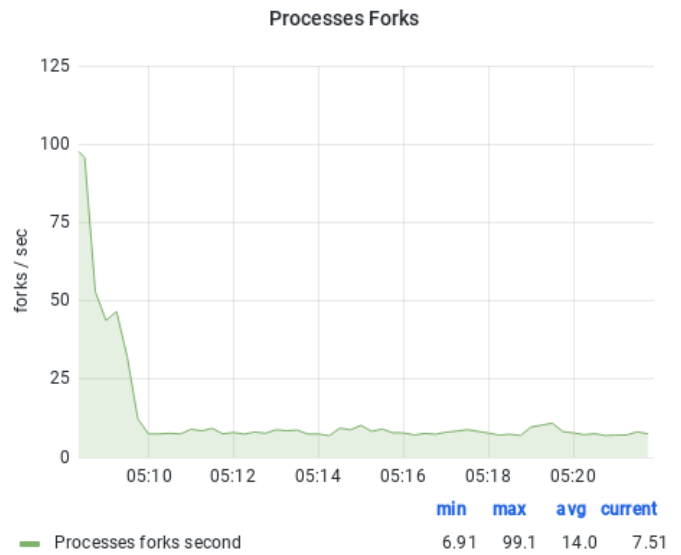
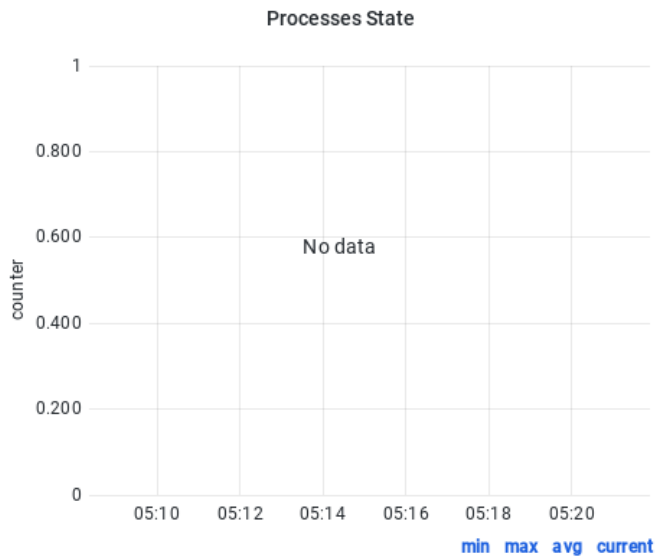


Time Misc

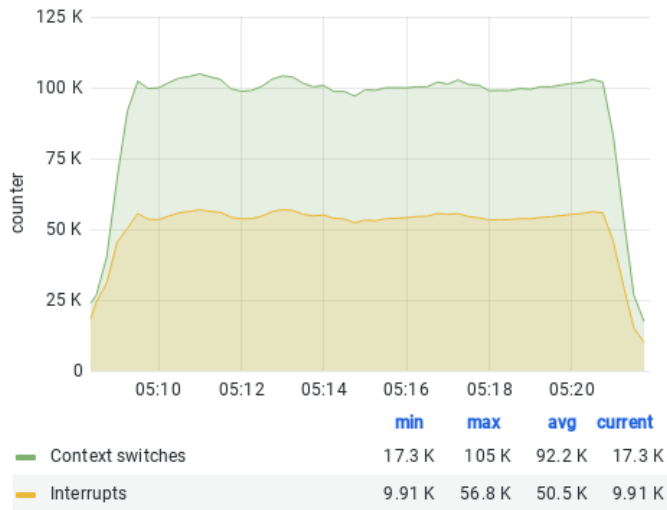


Processes Status

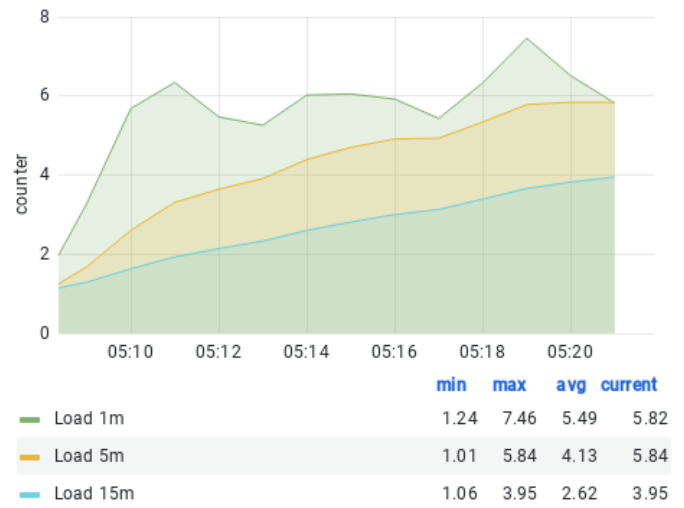




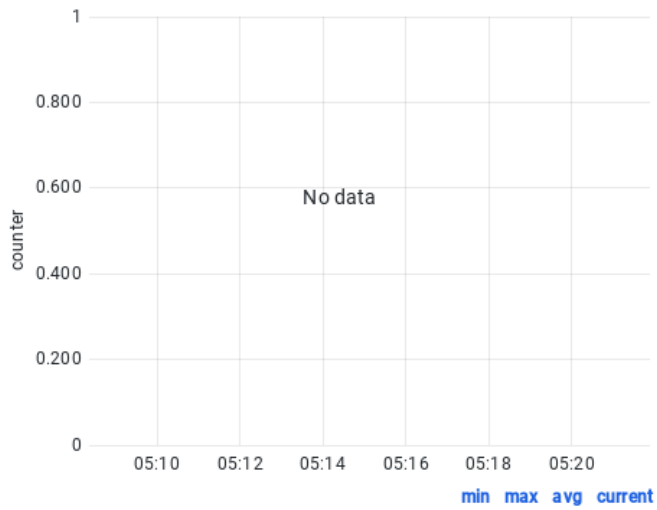
Context Switches / Interrupts



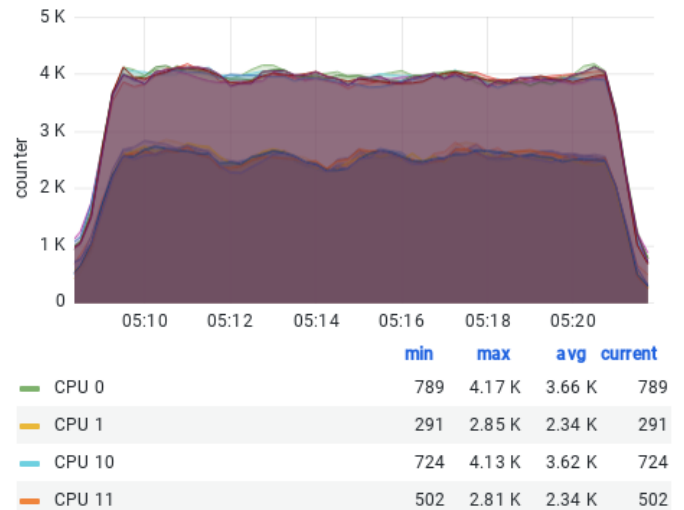
System Load



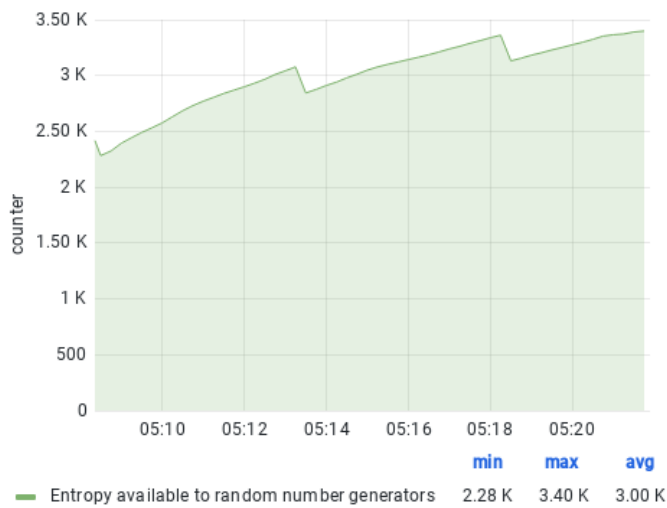
Interrupts Detail



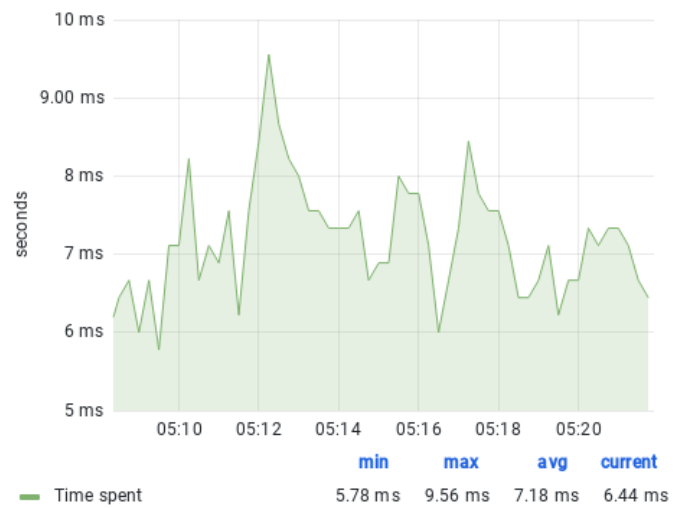
Schedule timeslices executed by each cpu



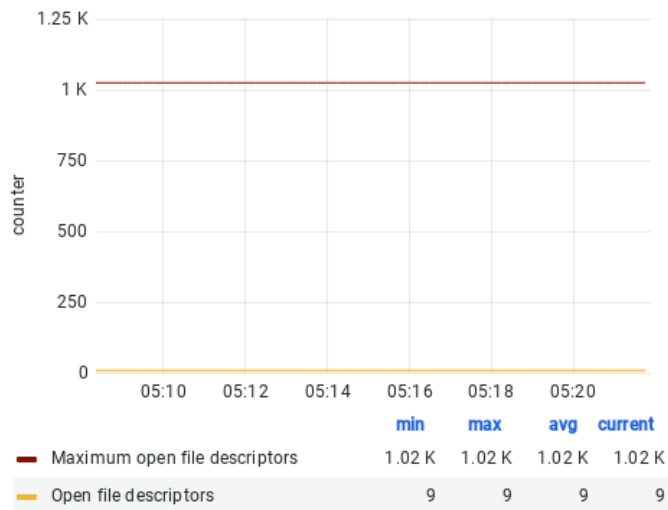
Entropy



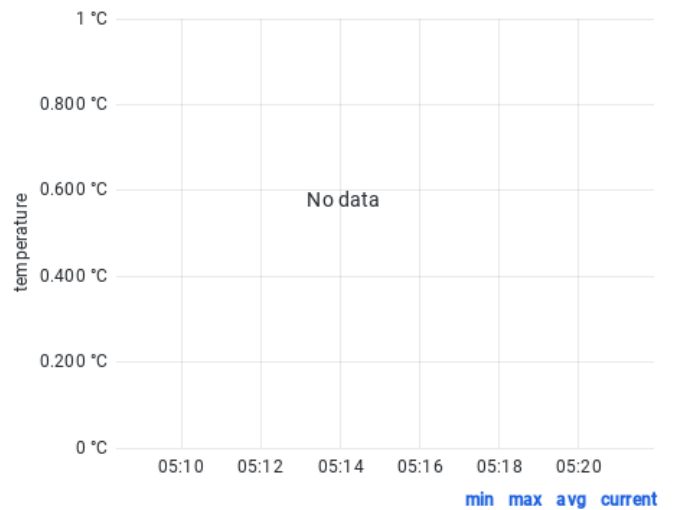
CPU time spent in user and system contexts



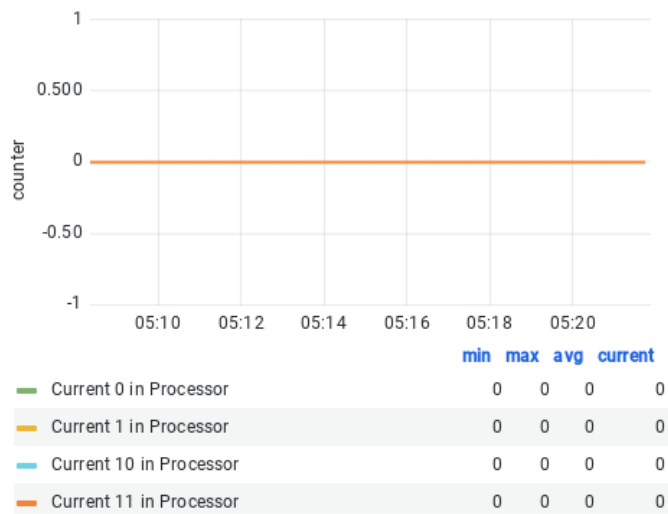
File Descriptors



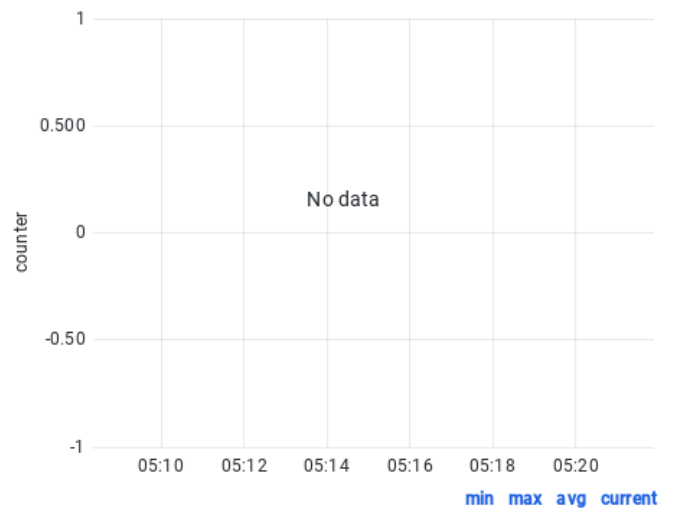
Hardware temperature monitor



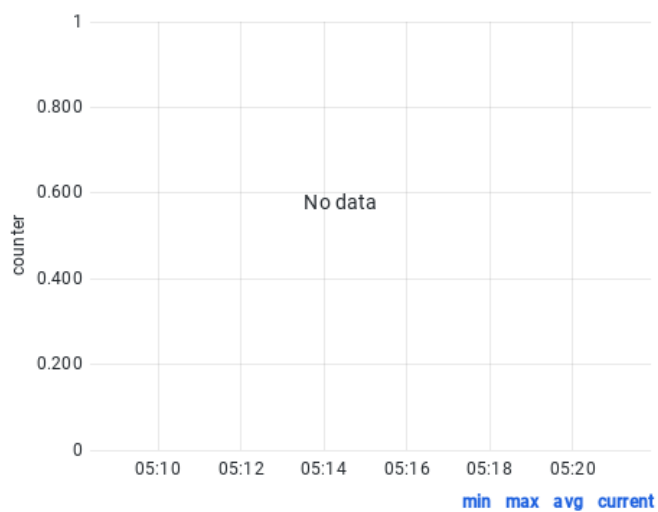
Throttle cooling device



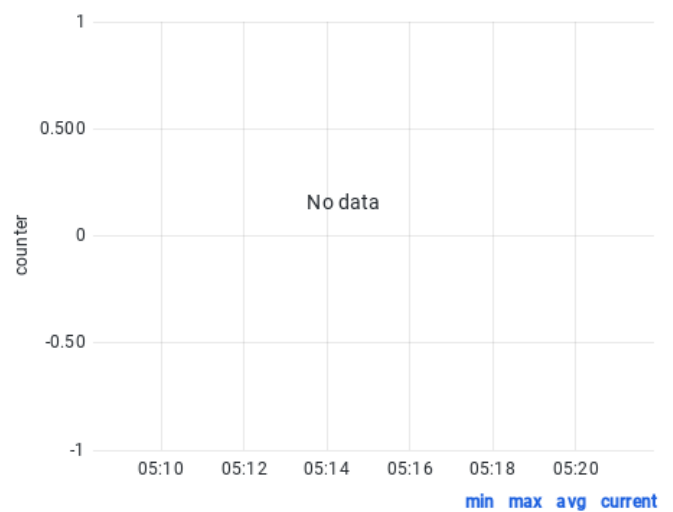
Power supply

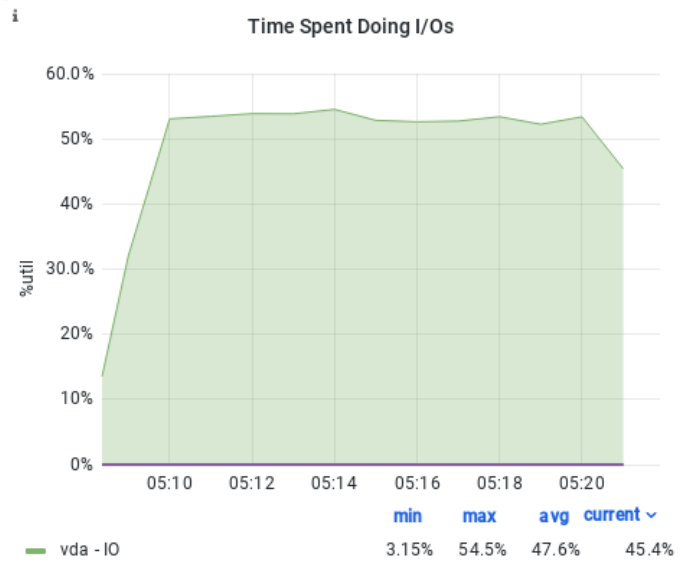
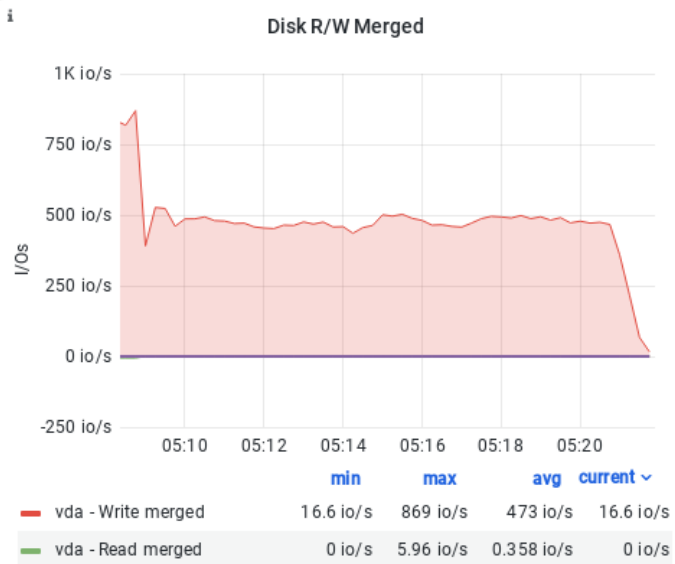
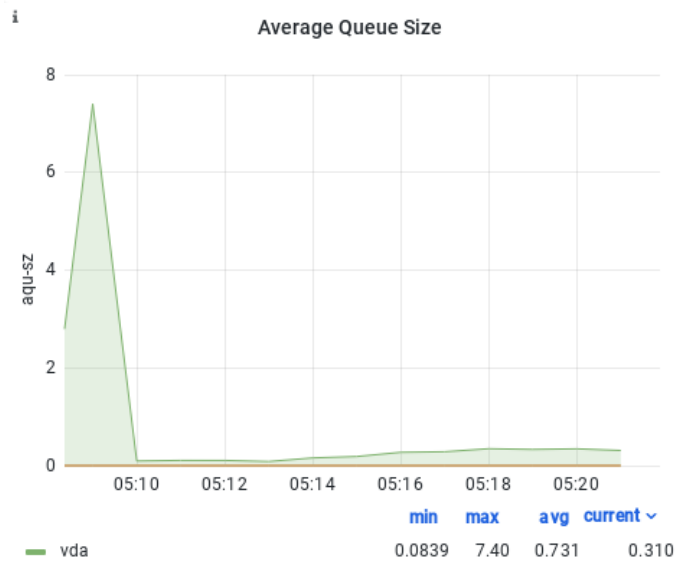
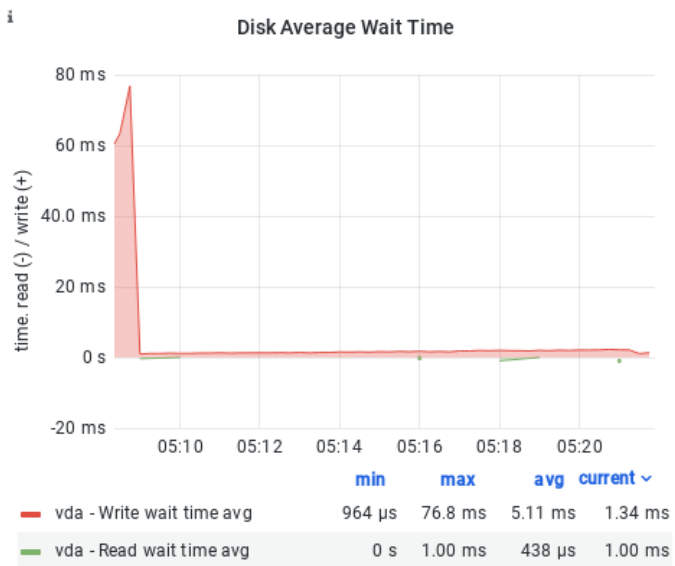
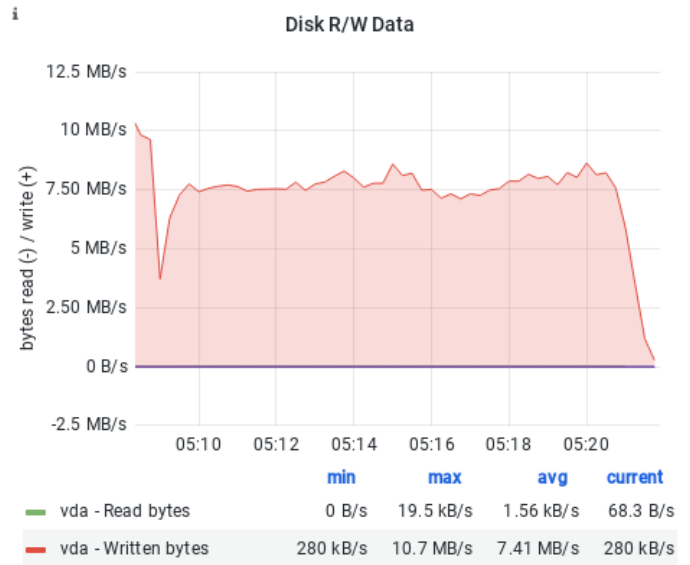
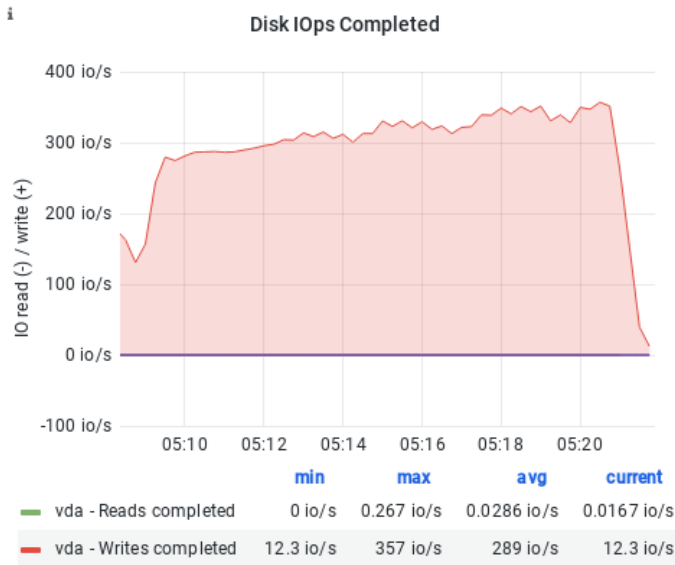


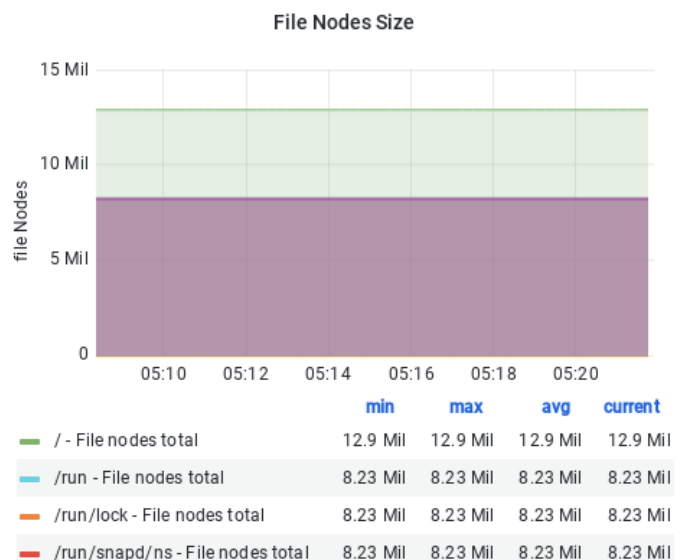
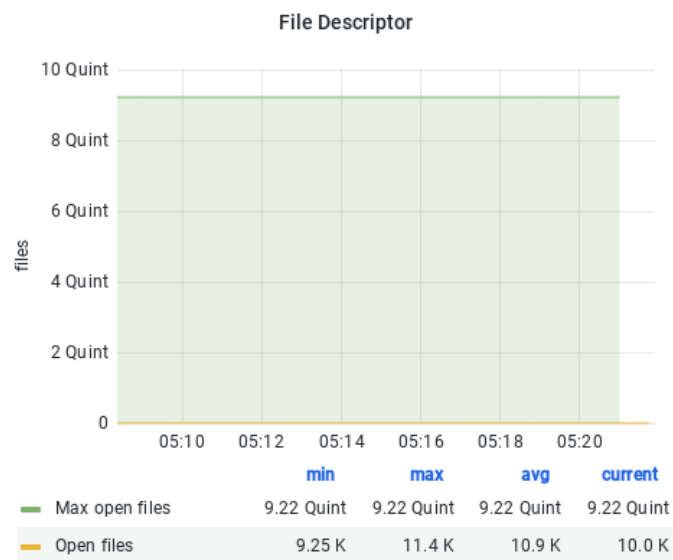
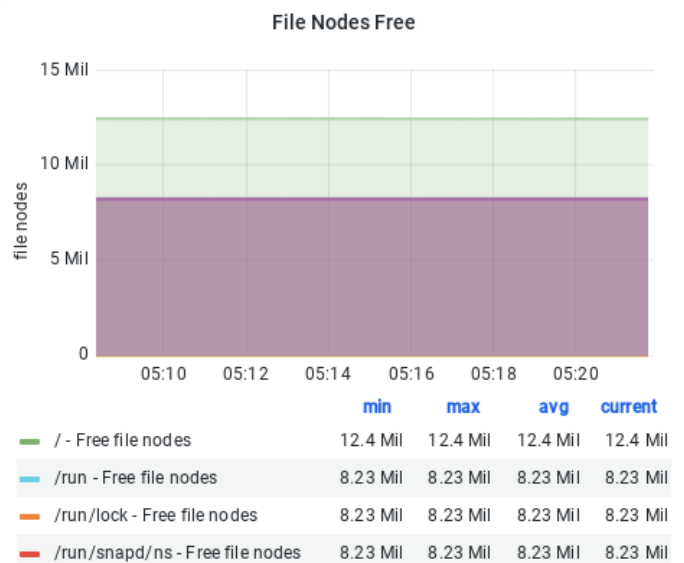
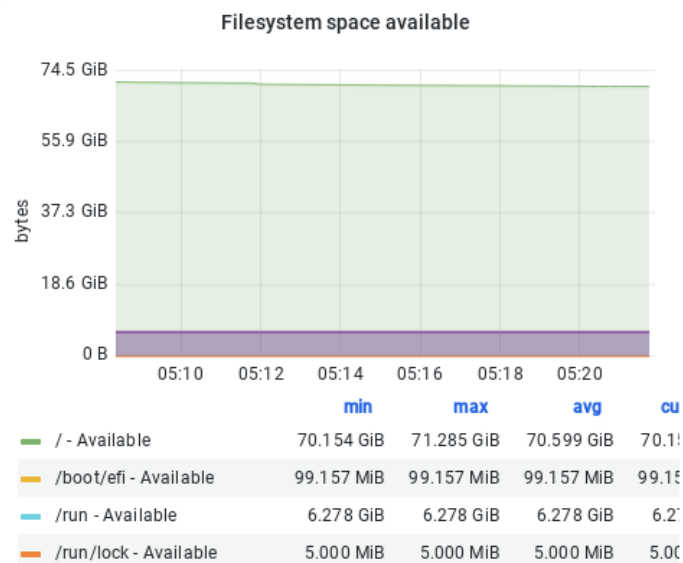
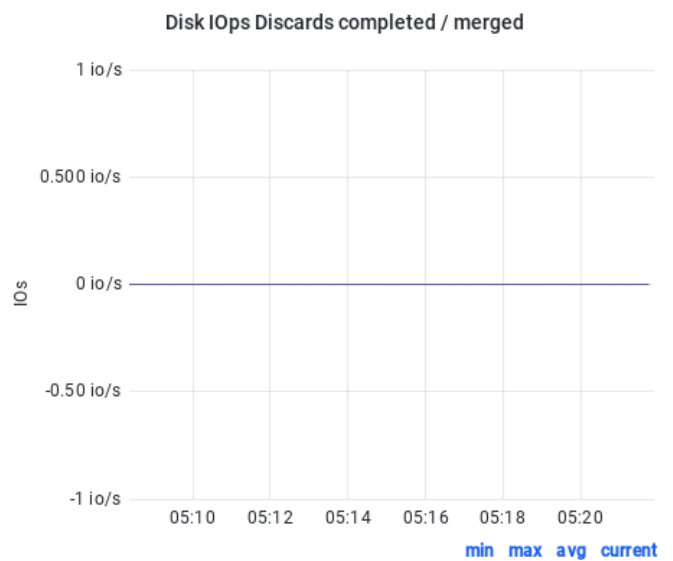
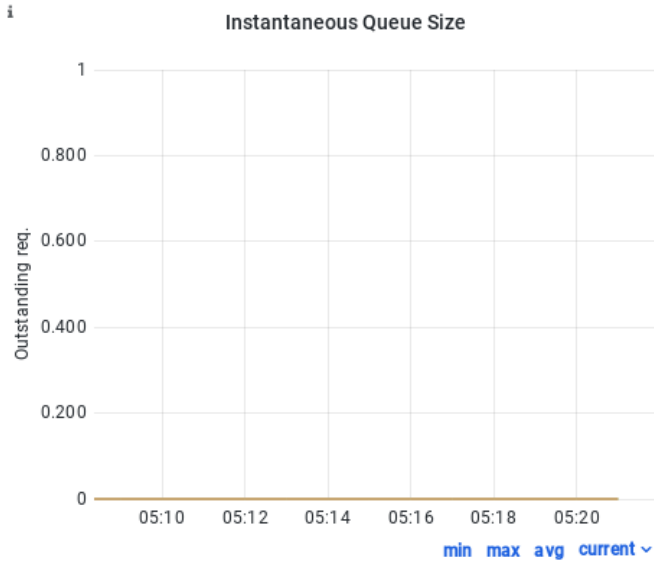
Systemd Sockets



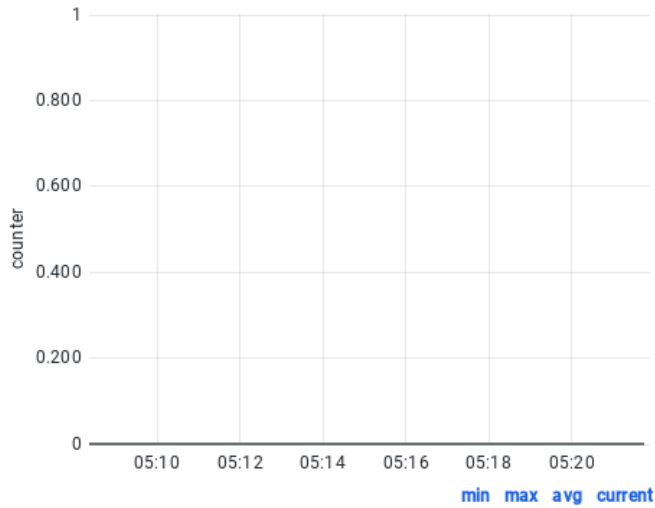
Systemd Units State



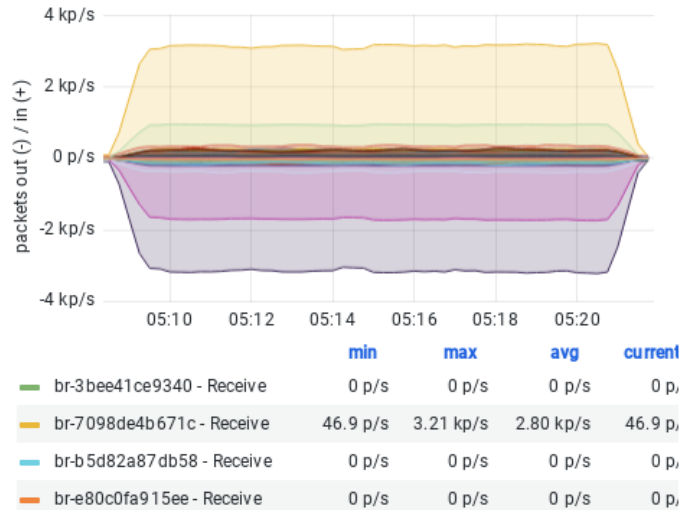




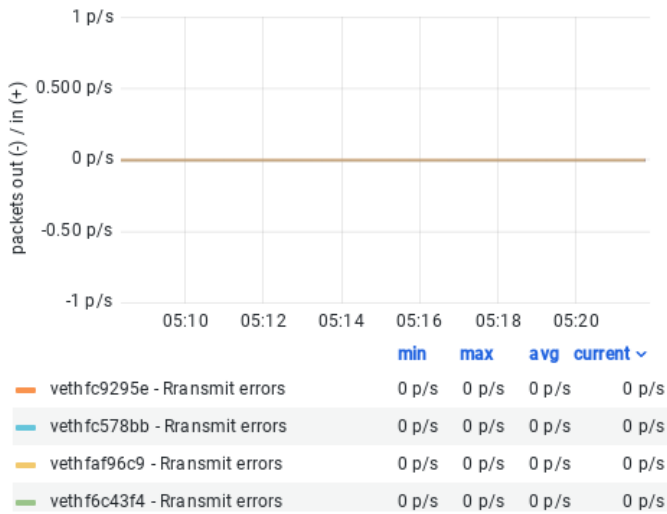
Filesystem in ReadOnly / Error



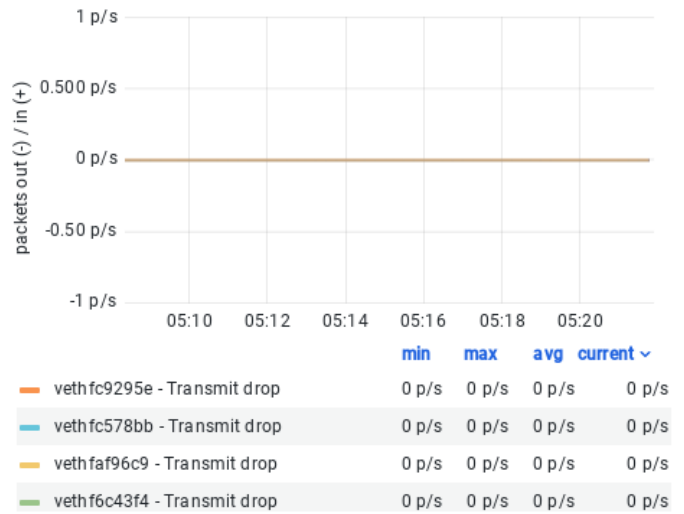
Network Traffic by Packets



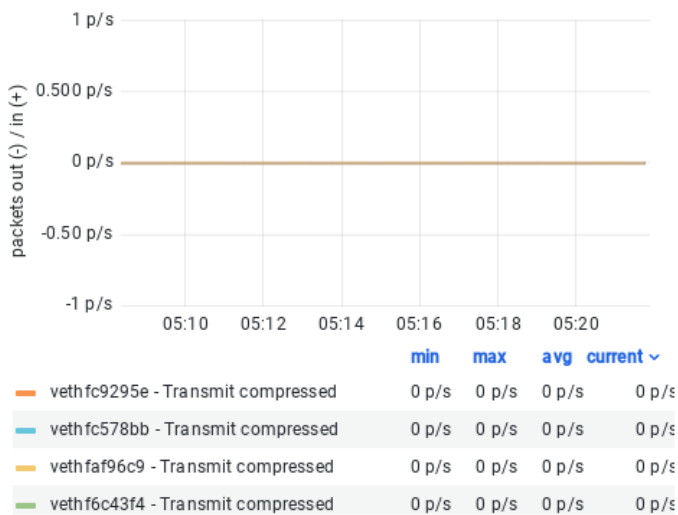
Network Traffic Errors



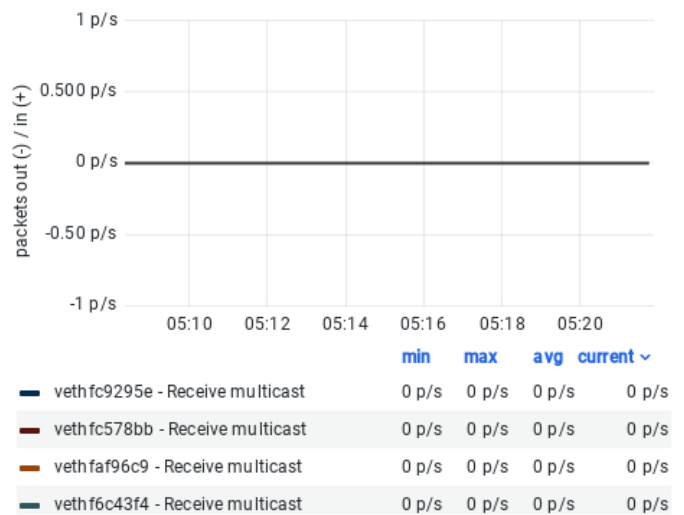
Network Traffic Drop



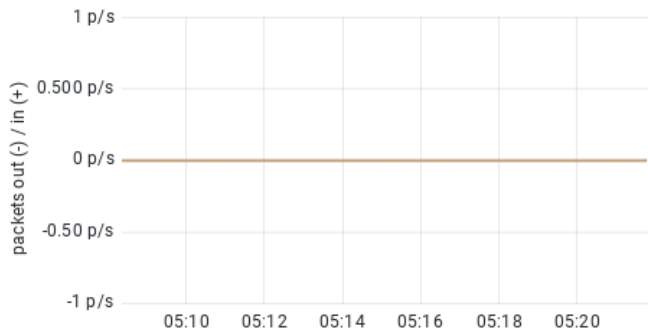
Network Traffic Compressed



Network Traffic Multicast

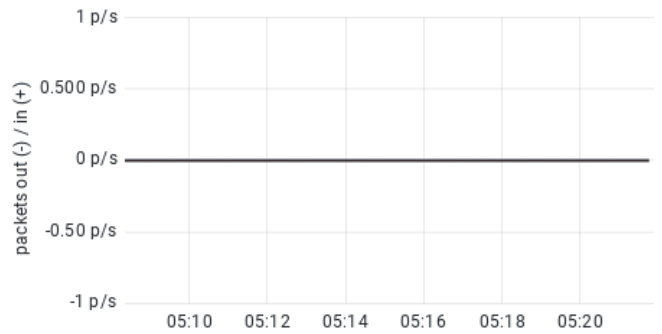


Network Traffic Fifo



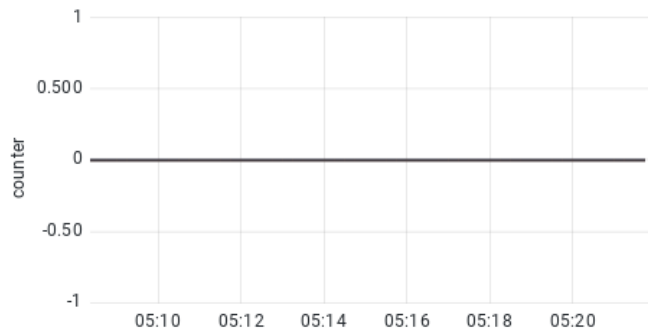
	min	max	avg	current
vethfc9295e - Transmit fifo	0 p/s	0 p/s	0 p/s	0 p/s
vethfc578bb - Transmit fifo	0 p/s	0 p/s	0 p/s	0 p/s
vethfaf96c9 - Transmit fifo	0 p/s	0 p/s	0 p/s	0 p/s
vethf6c43f4 - Transmit fifo	0 p/s	0 p/s	0 p/s	0 p/s

Network Traffic Frame



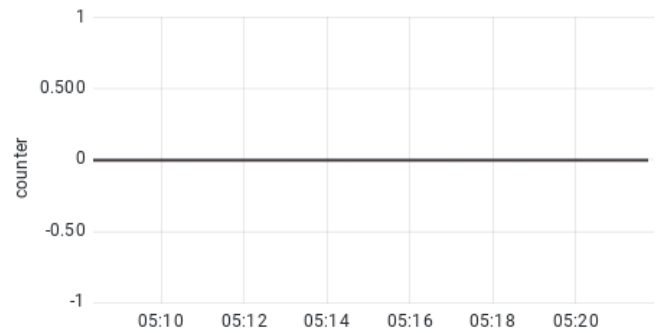
	min	max	avg	current
vethfc9295e - Receive frame	0 p/s	0 p/s	0 p/s	0 p/s
vethfc578bb - Receive frame	0 p/s	0 p/s	0 p/s	0 p/s
vethfaf96c9 - Receive frame	0 p/s	0 p/s	0 p/s	0 p/s
vethf6c43f4 - Receive frame	0 p/s	0 p/s	0 p/s	0 p/s

Network Traffic Carrier



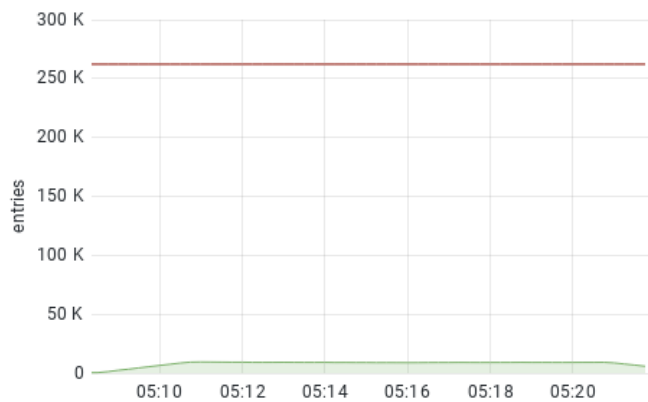
	min	max	avg	current
vethfc9295e - Statistic transmit_carrier	0	0	0	0
vethfc578bb - Statistic transmit_carrier	0	0	0	0
vethfaf96c9 - Statistic transmit_carrier	0	0	0	0
vethf6c43f4 - Statistic transmit_carrier	0	0	0	0

Network Traffic Colls



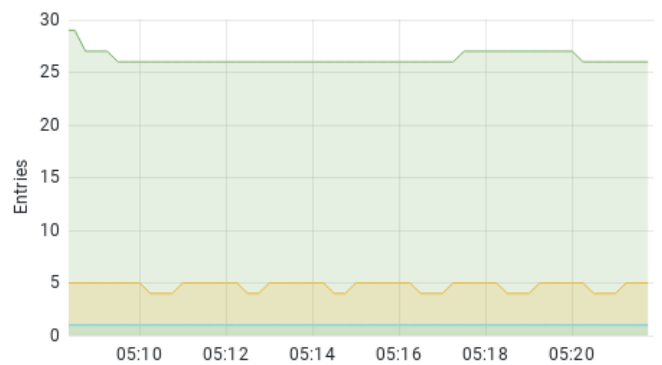
	min	max	avg	current
vethfc9295e - Transmit colls	0	0	0	0
vethfc578bb - Transmit colls	0	0	0	0
vethfaf96c9 - Transmit colls	0	0	0	0
vethf6c43f4 - Transmit colls	0	0	0	0

NF Contrack



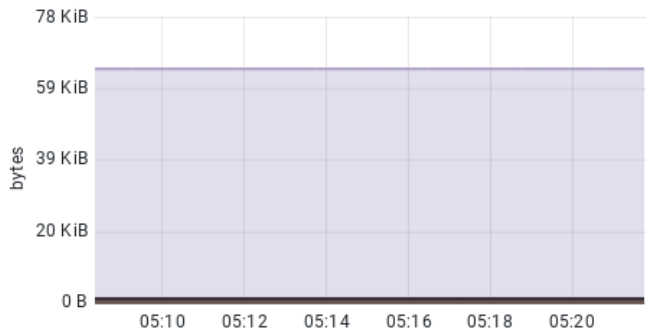
	min	max	avg	current
NF conntrack entries	362	9.45 K	8.01 K	5.82 K
NF conntrack limit	262 K	262 K	262 K	262 K

ARP Entries



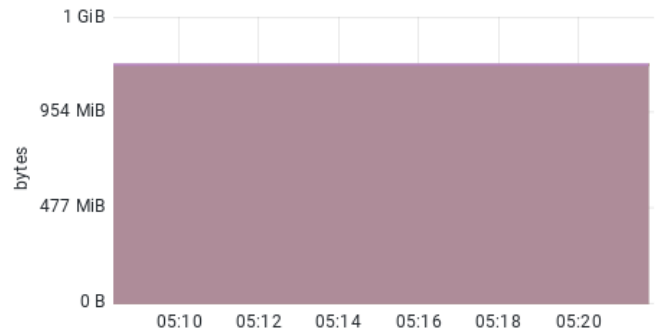
	min	max	avg	current
br-7098de4b671c - ARP entries	26	29	26.4	26
br-ed9ea79db2c5 - ARP entries	4	5	4.71	5
ens3 - ARP entries	1	1	1	1

MTU



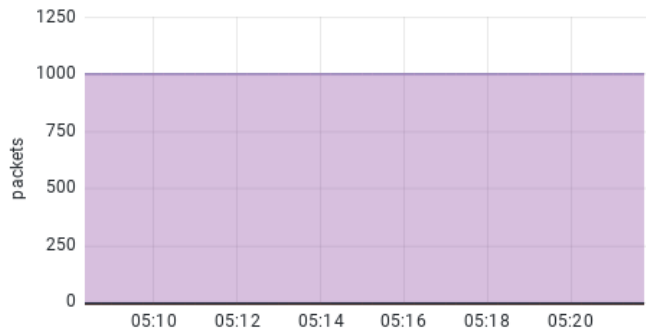
	min	max	avg	current
br-3bee41ce9340 - Bytes	1.5 KiB	1.5 KiB	1.5 KiB	1.5 KiB
br-7098de4b671c - Bytes	1.5 KiB	1.5 KiB	1.5 KiB	1.5 KiB
br-b5d82a87db58 - Bytes	1.5 KiB	1.5 KiB	1.5 KiB	1.5 KiB
br-e80c0fa915ee - Bytes	1.5 KiB	1.5 KiB	1.5 KiB	1.5 KiB

Speed



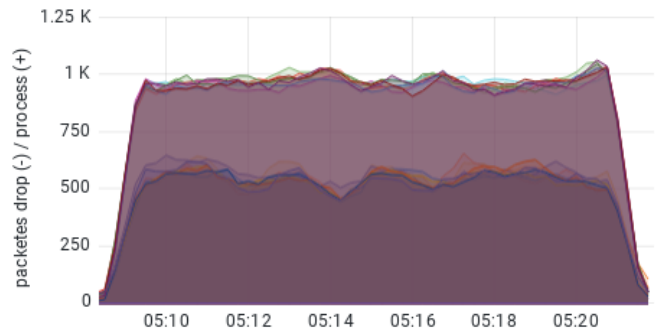
	min	max	avg	current
ens3 - Speed	-122.1 KiB	-122.1 KiB	-122.1 KiB	-122.1 KiB
veth013a3fc - Speed	1.2 GiB	1.2 GiB	1.2 GiB	1.2 GiB
veth01cde54 - Speed	1.2 GiB	1.2 GiB	1.2 GiB	1.2 GiB
veth0820f1e - Speed	1.2 GiB	1.2 GiB	1.2 GiB	1.2 GiB

Queue Length



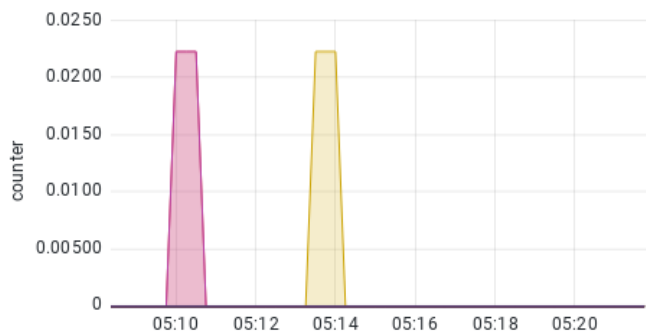
	min	max	a
br-3bee41ce9340 - Interface transmit queue length	0	0	
br-7098de4b671c - Interface transmit queue length	0	0	
br-b5d82a87db58 - Interface transmit queue length	0	0	
br-e80c0fa915ee - Interface transmit queue length	0	0	

Softnet Packets



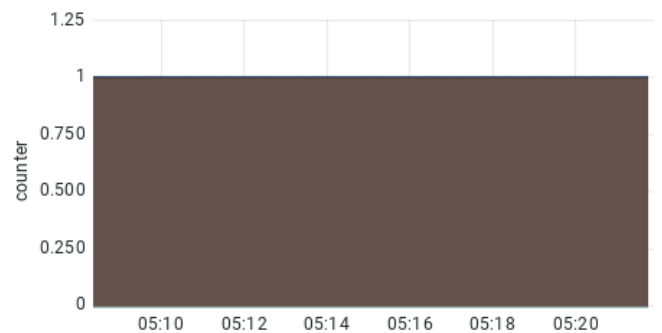
	min	max	avg	current
CPU 11 - Processed	23.0	654	492	106
CPU 1 - Processed	5.47	642	503	72.0
CPU 12 - Processed	43.1	1.03 K	870	63.1
CPU 2 - Processed	34.6	1.04 K	872	52.8

Softnet Out of Quota



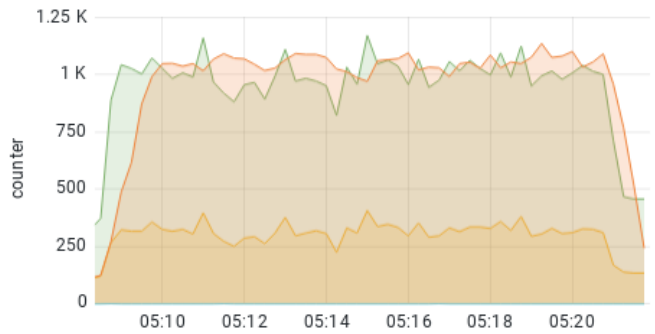
	min	max	avg	current
CPU 9 - Squeezed	0	0	0	0
CPU 8 - Squeezed	0	0	0	0
CPU 7 - Squeezed	0	0	0	0
CPU 6 - Squeezed	0	0	0	0

Network Operational Status



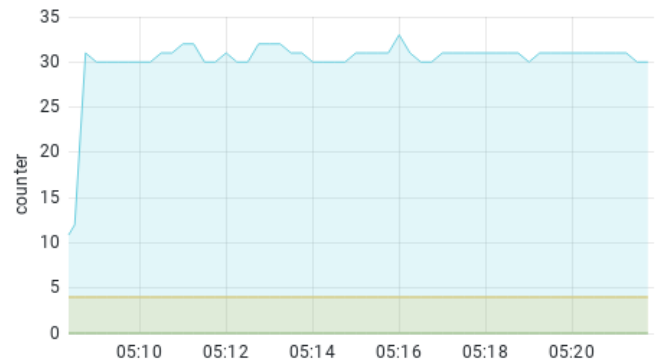
	min	max	avg	current
vethfc9295e - Physical link state	1	1	1	1
vethfc578bb - Physical link state	1	1	1	1
vethfaf96c9 - Physical link state	1	1	1	1
vethf6c43f4 - Physical link state	1	1	1	1

Sockstat TCP



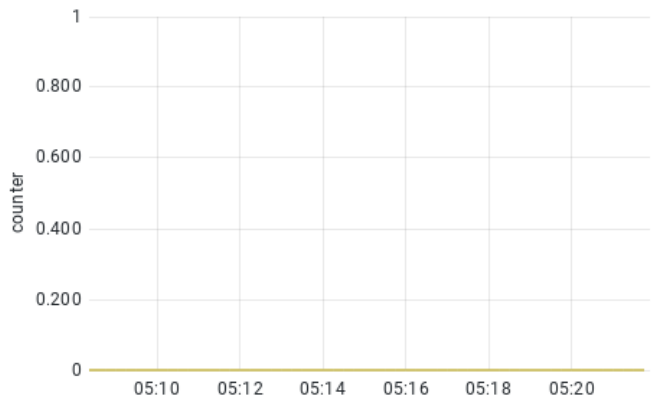
	min	max	avg	current
TCP_alloc - Allocated sockets	324	1.17 K	944	457
TCP_inuse - Tcp sockets currently in use	109	407	298	135
TCP_orphan - Orphan sockets	0	1	0.0545	0
TCP_tw - Sockets wating close	113	1.13 K	950	243

Sockstat UDP



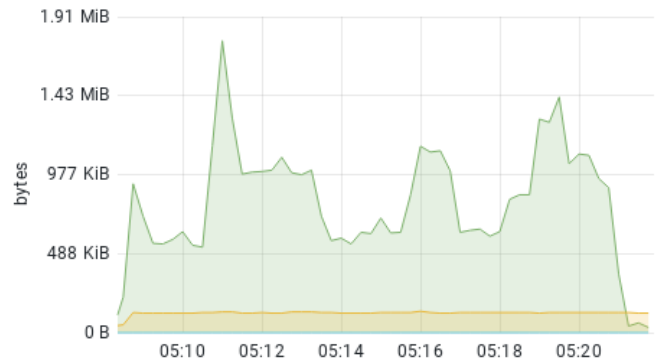
	min	max	avg	current
UDPLITE_inuse - Udplite sockets currently in use	0	0	0	0
UDP_inuse - Udp sockets currently in use	4	4	4	4
UDP_mem - Used memory for udp	10	33	30.1	30

Sockstat FRAG / RAW



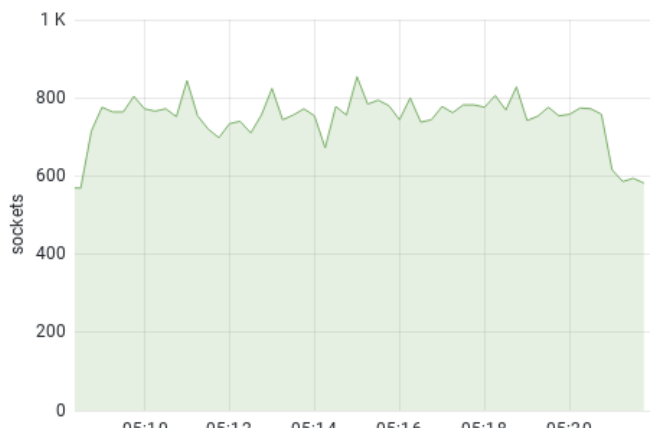
	min	max	avg	current
FRAG_inuse - Frag sockets currently in use	0	0	0	0
RAW_inuse - Raw sockets currently in use	0	0	0	0

Sockstat Memory Size



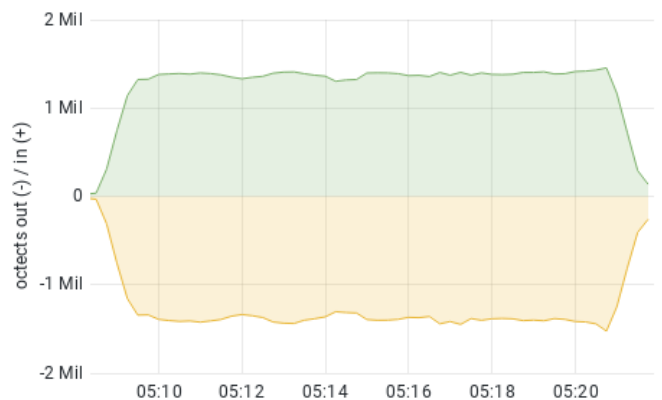
	min	max	avg	current
mem_bytes - TCP sockets in that state	24 KiB	1.76 MiB	795 KiB	32
mem_bytes - UDP sockets in that state	40 KiB	132 KiB	120 KiB	120
FRAG_memory - Used memory for frag	0 B	0 B	0 B	0

Sockstat Used



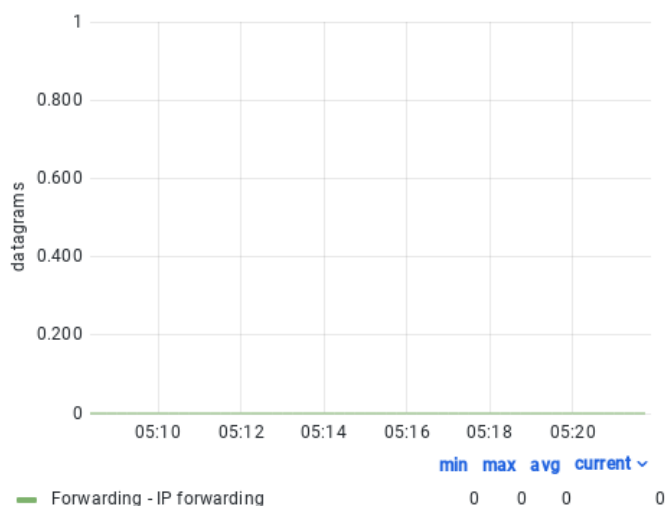
	min	max	avg	current
Sockets_used - Sockets currently in use	569	854	746	582

Netstat IP In / Out Octets

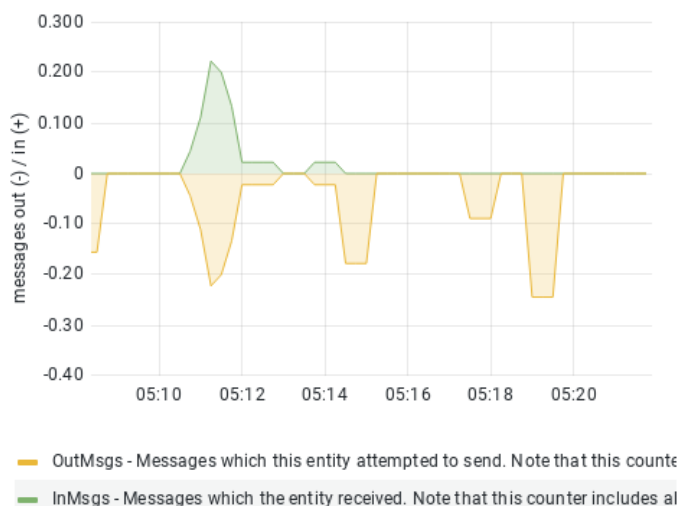


	min	max	avg	current
OutOctets - Sent octets	20.1 K	1.53 Mil	1.26 Mil	260 K
InOctets - Received octets	24.1 K	1.45 Mil	1.24 Mil	137 K

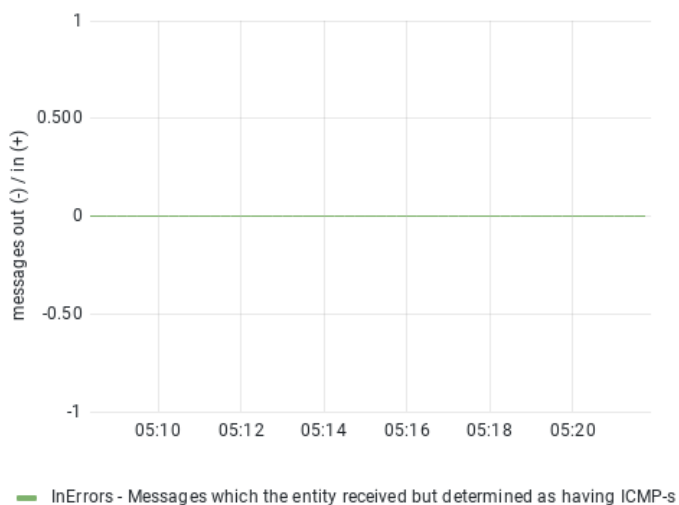
Netstat IP Forwarding



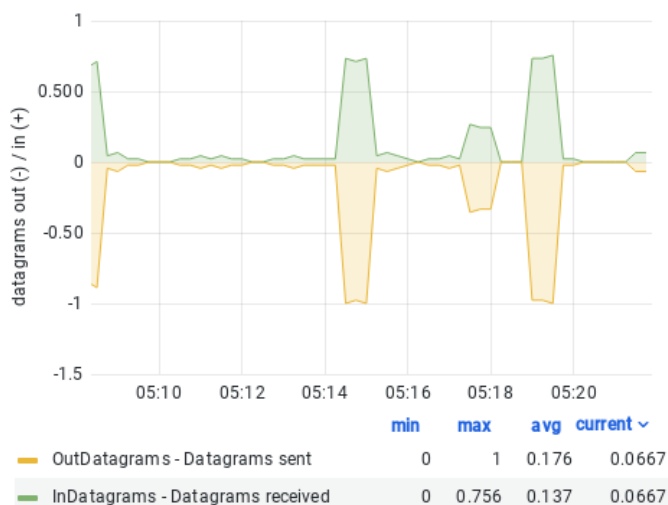
ICMP In / Out



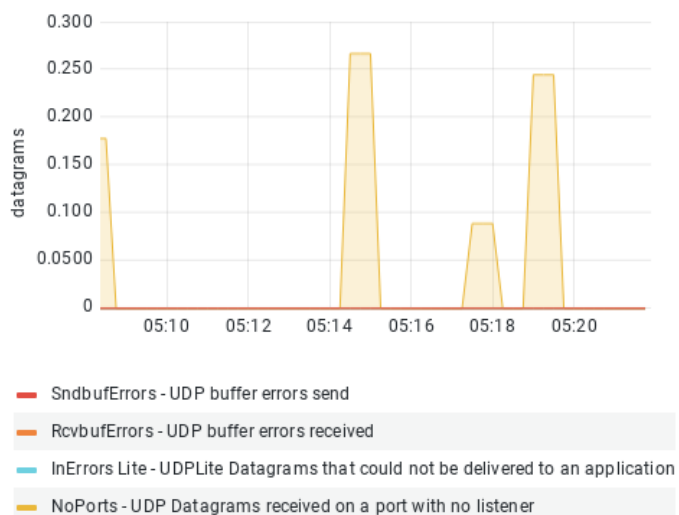
ICMP Errors



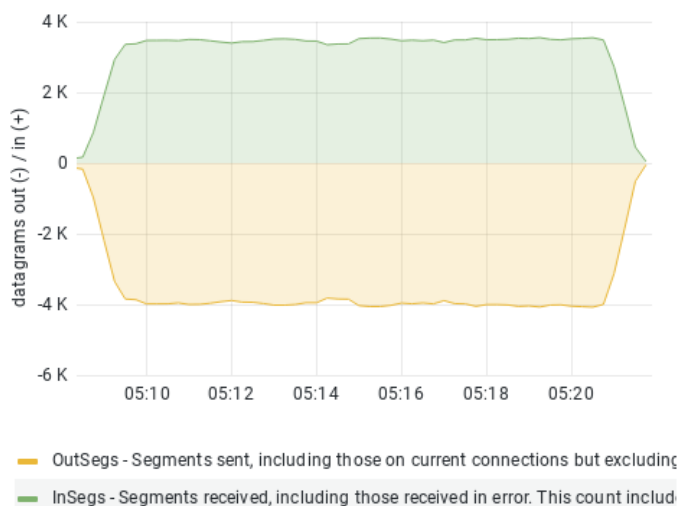
UDP In / Out



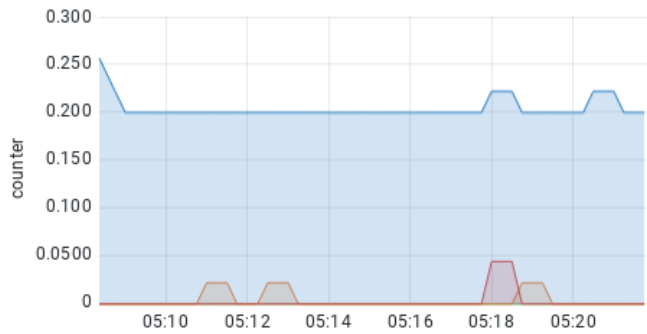
UDP Errors



TCP In / Out

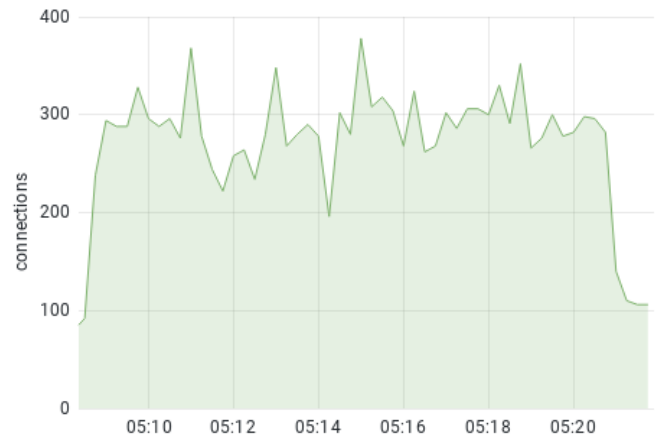


TCP Errors



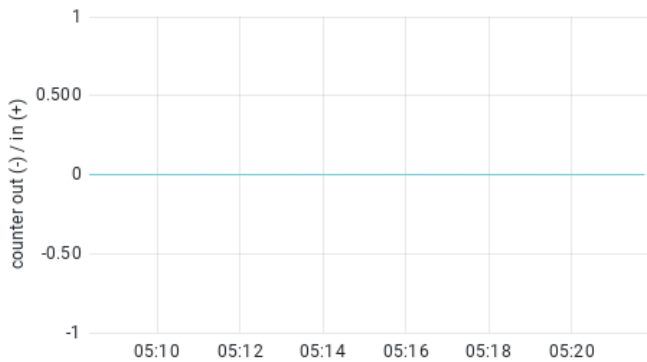
OutRsts - Segments sent with RST flag
 InErrs - Segments received in error (e.g., bad TCP checksums)
 RetransSegs - Segments retransmitted - that is, the number of TCP segments tr
 TCPSynRetrans - SYN-SYN/ACK retransmits to break down retransmissions in

TCP Connections



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

TCP SynCookie



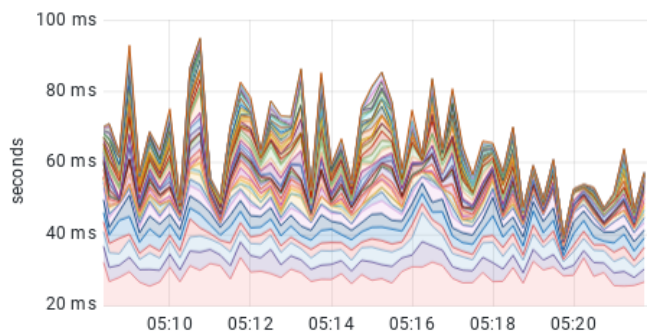
	min	max	avg	current
SyncookiesSent - SYN cookies sent	0	0	0	0
SyncookiesRecv - SYN cookies received	0	0	0	0
SyncookiesFailed - Invalid SYN cookies received	0	0	0	0

TCP Direct Transition



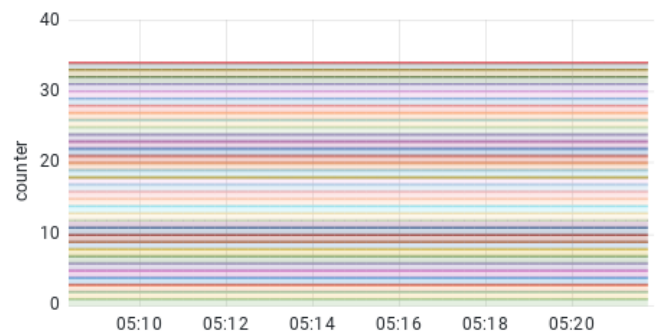
ActiveOpens - TCP connections that have made a direct transition to the SYN-S
 PassiveOpens - TCP connections that have made a direct transition to the SYN

Node Exporter Scrape Time



	min	max	avg	current
netclass - Scrape duration	25.6 ms	36.4 ms	29.0 ms	26.8
diskstats - Scrape duration	1.87 ms	7.11 ms	3.82 ms	3.58
netdev - Scrape duration	2.11 ms	8.15 ms	3.78 ms	3.21
thermal_zone - Scrape duration	681 μs	5.08 ms	2.13 ms	2.83

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