

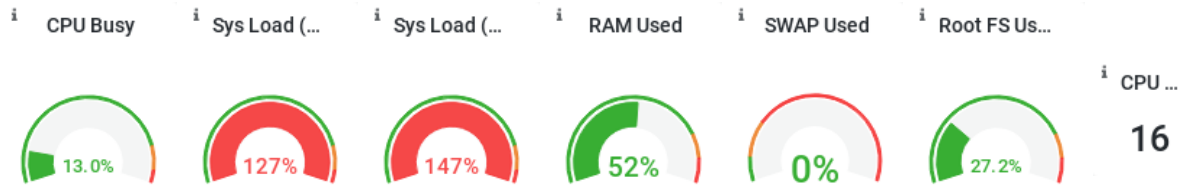
Host Metrics

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

Wed Nov 16 10:26:27 UTC 2022

to

Wed Nov 16 10:53:35 UTC 2022

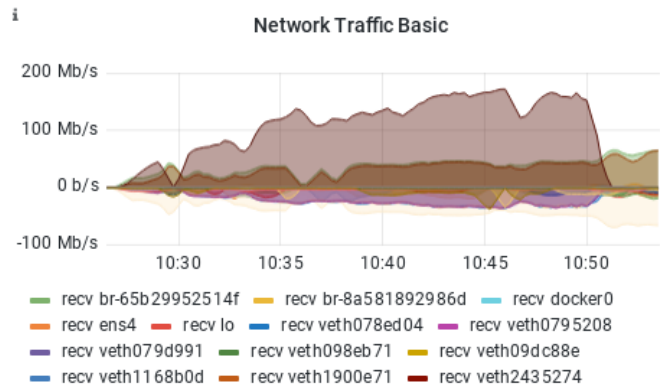
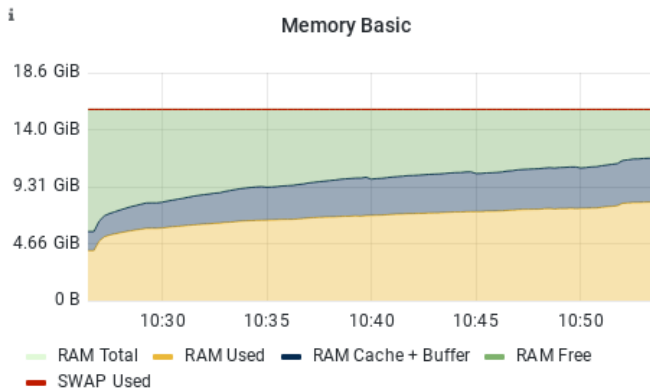
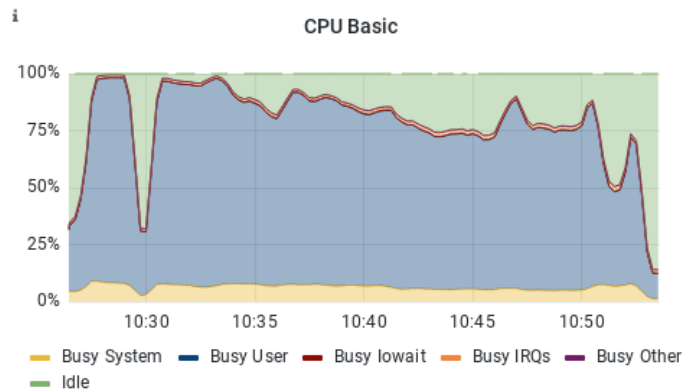


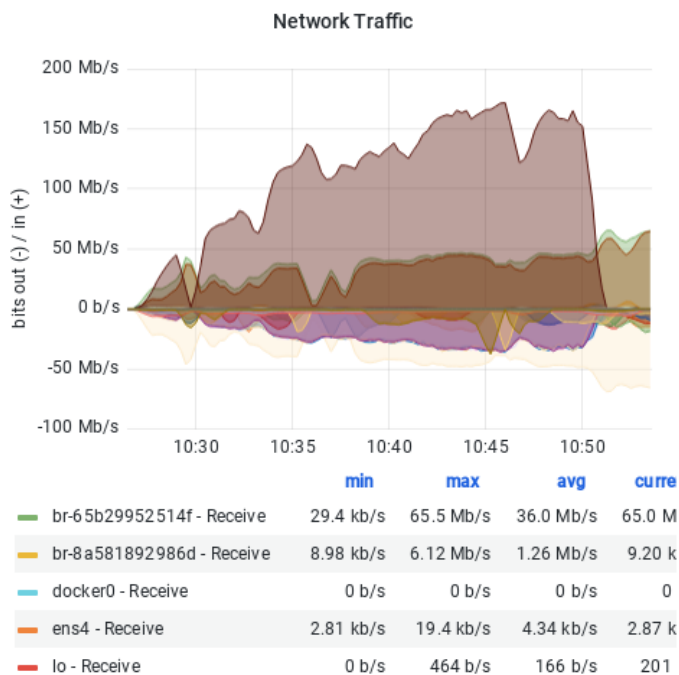
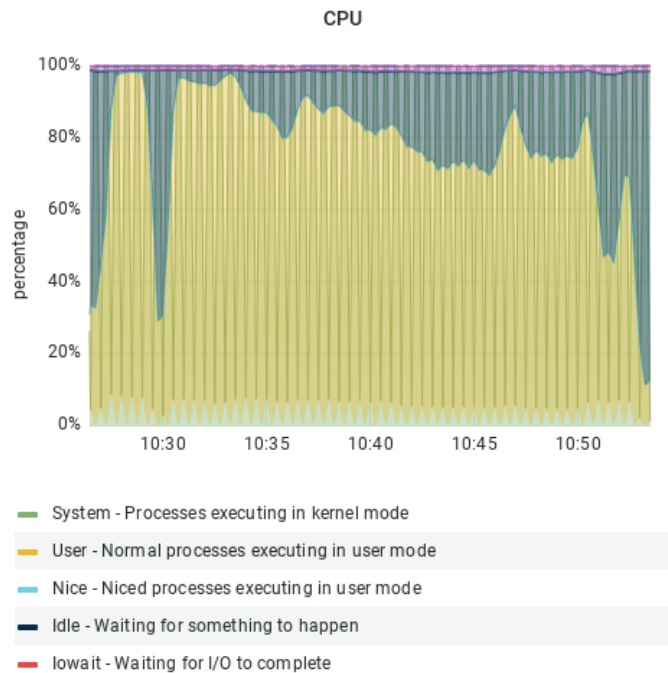
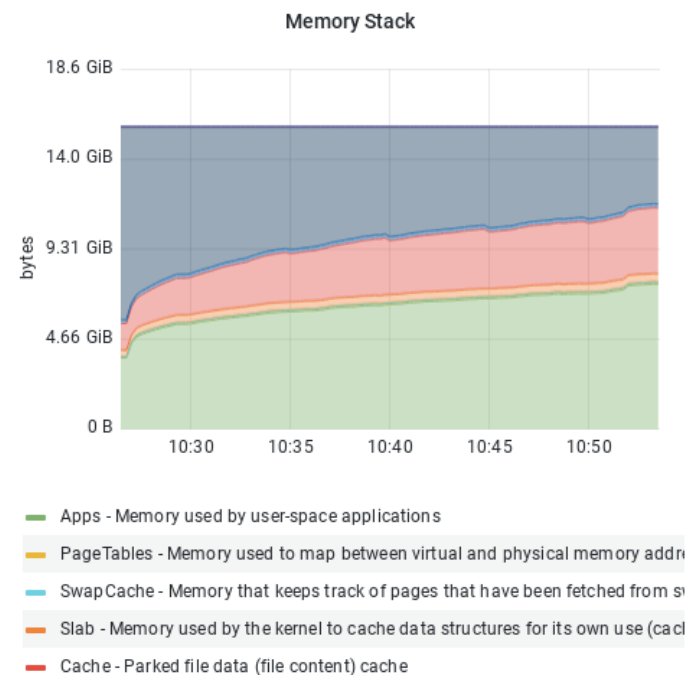
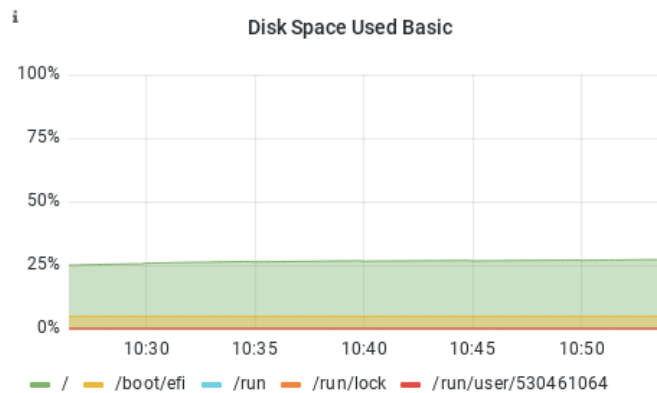
Uptime: 1.0 hour

Root FS Used: 98 GiB

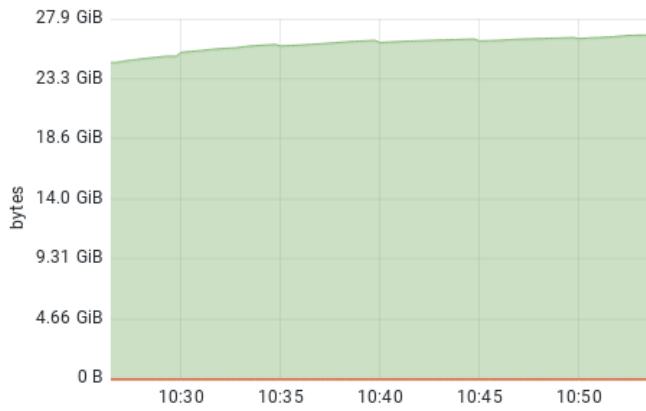
RAM Used: 16 GiB

SWAP Used: 0 B



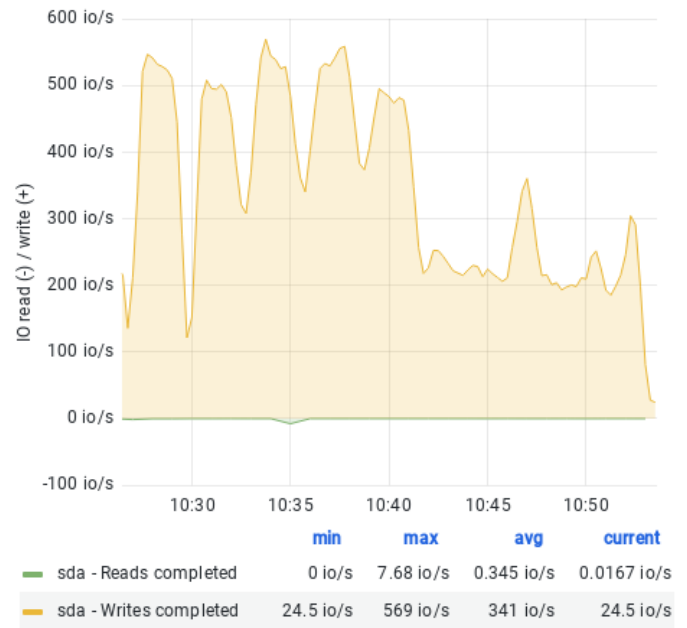


Disk Space Used



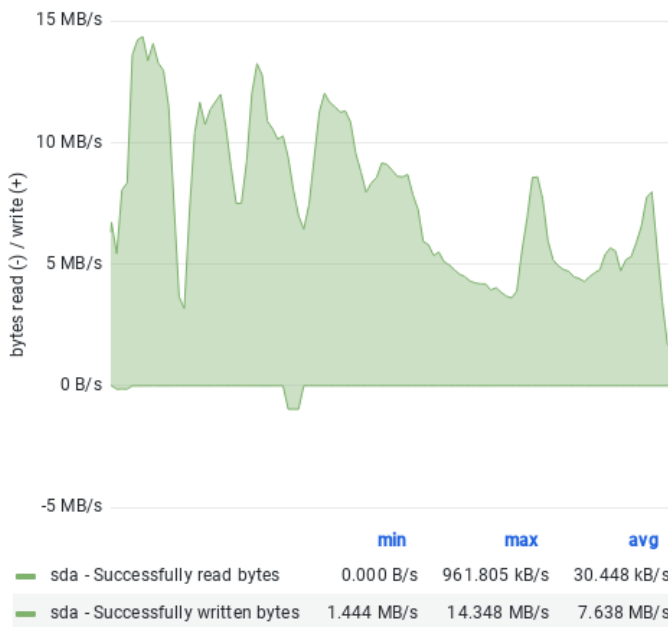
| | min | max | avg | current |
|---------------------|------------|------------|------------|------------|
| /run/lock | 0.000 B | 0.000 B | 0.000 B | 0.000 B |
| /run/user/530461064 | 0.000 B | 0.000 B | 0.000 B | 0.000 B |
| /run | 3.863 MiB | 3.941 MiB | 3.941 MiB | 3.941 MiB |
| /boot/efi | 5.898 MiB | 5.898 MiB | 5.898 MiB | 5.898 MiB |
| / | 24.540 GiB | 26.670 GiB | 25.965 GiB | 26.670 GiB |

Disk IOps



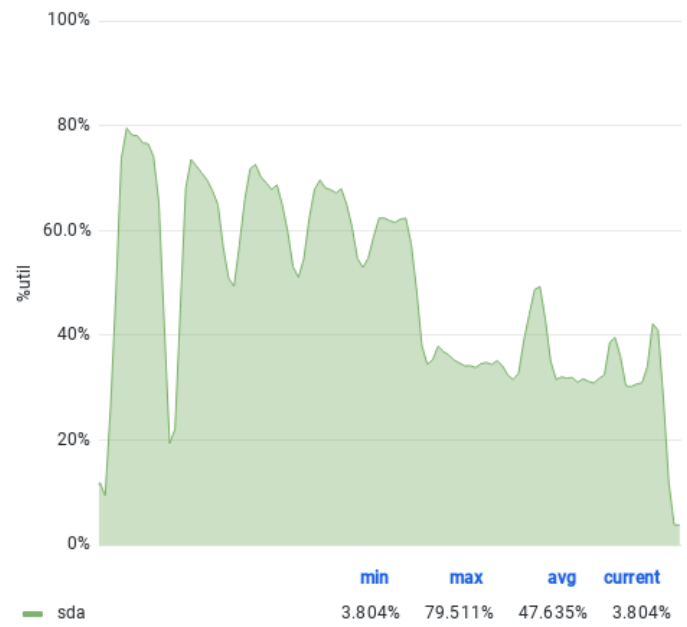
| | min | max | avg | current |
|------------------------|-----------|-----------|------------|-------------|
| sda - Reads completed | 0 io/s | 7.68 io/s | 0.345 io/s | 0.0167 io/s |
| sda - Writes completed | 24.5 io/s | 569 io/s | 341 io/s | 24.5 io/s |

I/O Usage Read / Write



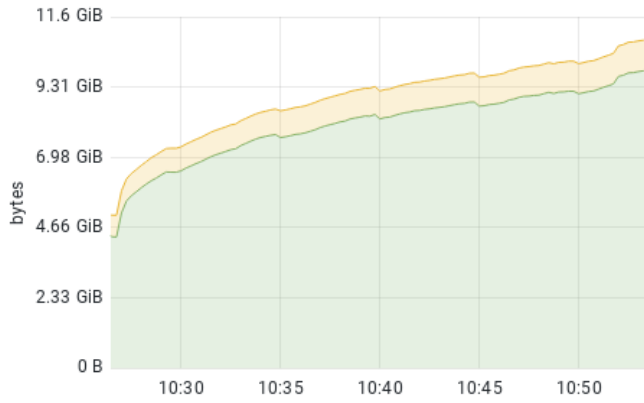
| | min | max | avg |
|----------------------------------|------------|--------------|-------------|
| sda - Successfully read bytes | 0.000 B/s | 961.805 kB/s | 30.448 kB/s |
| sda - Successfully written bytes | 1.444 MB/s | 14.348 MB/s | 7.638 MB/s |

I/O Utilization



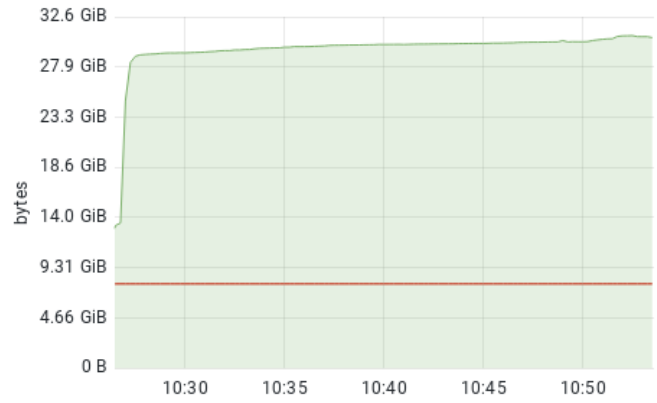
| | min | max | avg | current |
|-----|--------|---------|---------|---------|
| sda | 3.804% | 79.511% | 47.635% | 3.804% |

Memory Active / Inactive



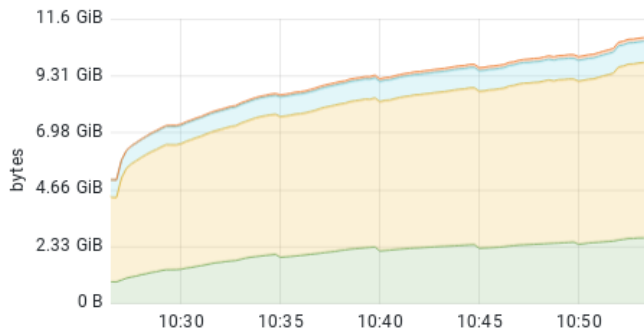
— Inactive - Memory which has been less recently used. It is more eligible to be re
 — Active - Memory that has been used more recently and usually not reclaimed u

Memory Committed



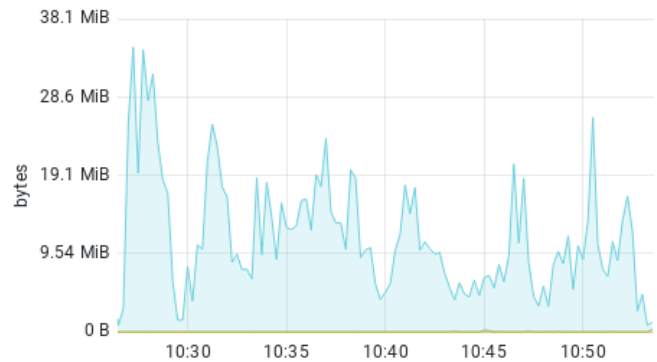
— Committed_AS - Amount of memory presently allocated on the system
 — CommitLimit - Amount of memory currently available to be allocated on the sy

Memory Active / Inactive Detail



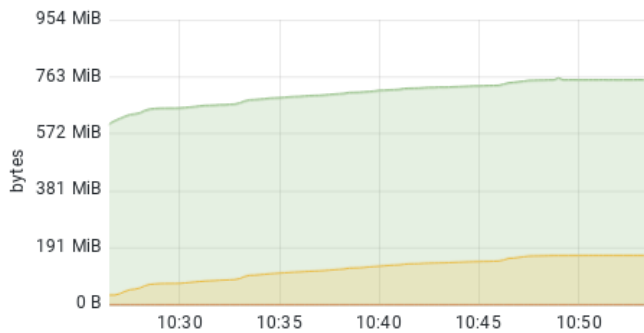
— Inactive_file - File-backed memory on inactive LRU list
 — Inactive_anon - Anonymous and swap cache on inactive LRU list, including tmp
 — Active_file - File-backed memory on active LRU list
 — Active_anon - Anonymous and swap cache on active least-recently-used (LRU)

Memory Writeback and Dirty



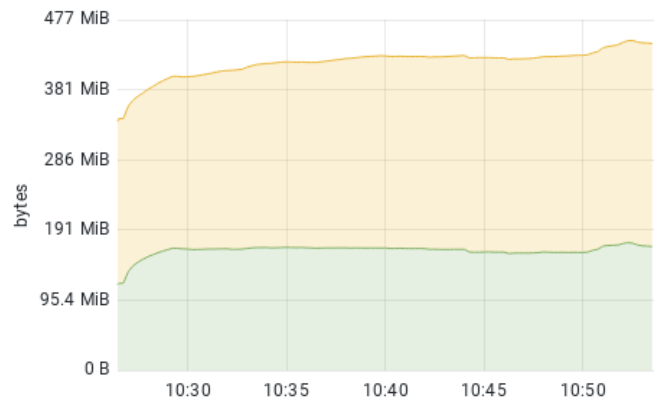
— Writeback - Memory which is actively being written back to disk
 — WritebackTmp - Memory used by FUSE for temporary writeback buffers
 — Dirty - Memory which is waiting to get written back to the disk 820.

Memory Shared and Mapped



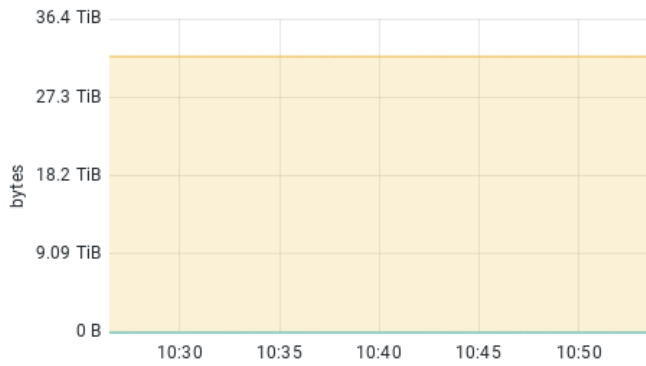
— Mapped - Used memory in mapped pages files which have been mmaped, such
 — Shmem - Used shared memory (shared between several processes, thus includ
 — ShmemHugePages - Memory used by shared memory (shmem) and tmpfs allc
 — ShmemPmdMapped - Ammount of shared (shmem/tmpfs) memory backed by

Memory Slab



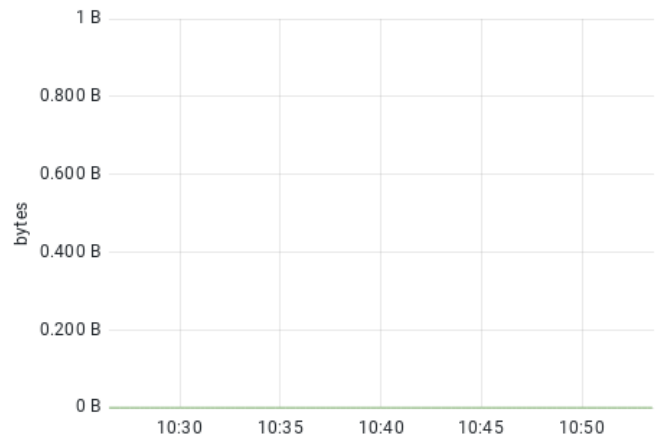
— SUnreclaim - Part of Slab, that cannot be reclaimed on memory pressure 11
 — SReclaimable - Part of Slab, that might be reclaimed, such as caches 21

Memory Vmalloc



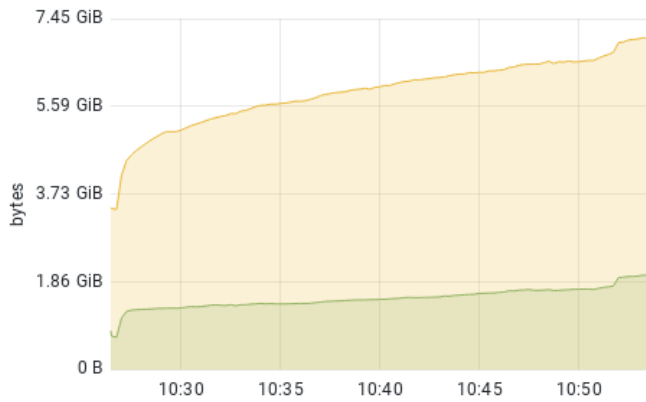
| | | |
|---|----------|----------|
| VmallocChunk - Largest contiguous block of vmalloc area which is free | 0.00 B | 0.00 B |
| VmallocTotal - Total size of vmalloc memory area | 32.0 TiB | 32.0 TiB |
| VmallocUsed - Amount of vmalloc area which is used | 34.6 GiB | 34.6 GiB |

Memory Bounce



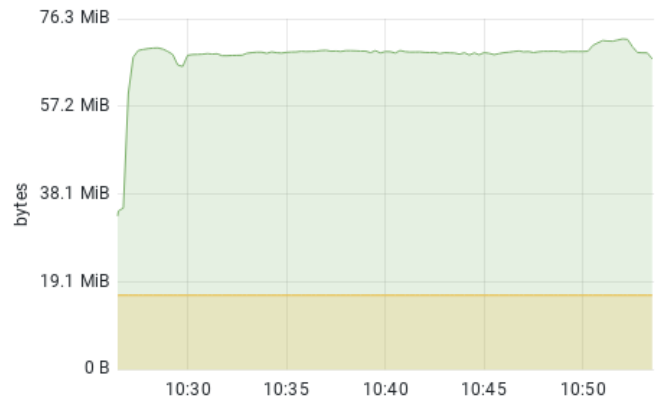
| | | |
|--|--------|--------|
| Bounce - Memory used for block device bounce buffers | 0.00 B | 0.00 B |
|--|--------|--------|

Memory Anonymous



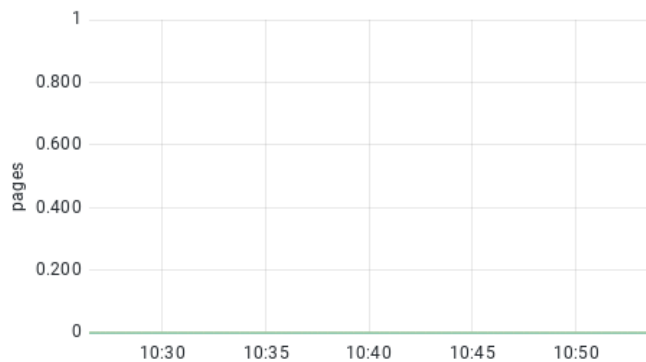
| | | |
|--|------------|----------|
| AnonHugePages - Memory in anonymous huge pages | 698.00 MiB | 2.00 GiB |
| AnonPages - Memory in user pages not backed by files | 3.40 GiB | 7.04 GiB |

Memory Kernel / CPU



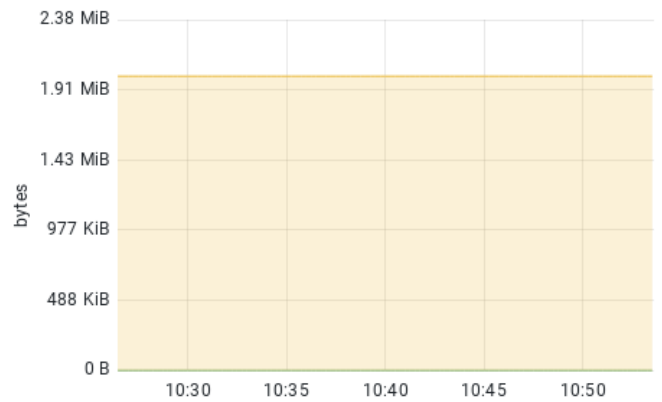
| | | |
|---|----------|----------|
| KernelStack - Kernel memory stack. This is not reclaimable | 27.2 MiB | 27.2 MiB |
| PerCPU - Per CPU memory allocated dynamically by loadable modules | 15.8 MiB | 15.8 MiB |

Memory HugePages Counter



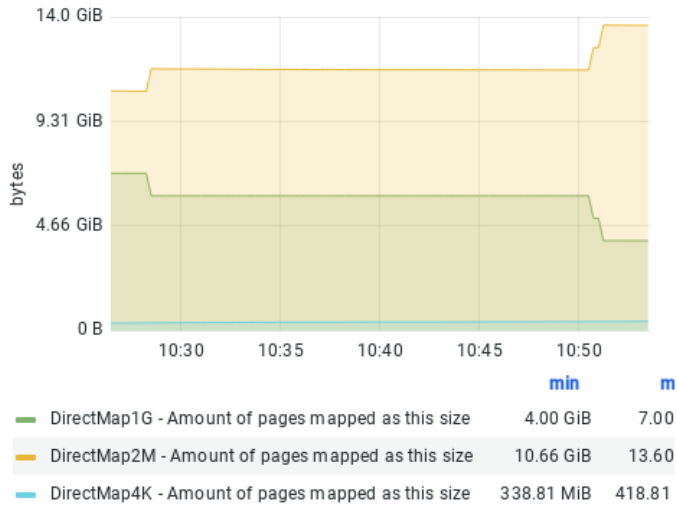
| | | |
|--|---|---|
| HugePages_Free - Huge pages in the pool that are not yet allocated | 0 | 0 |
| HugePages_Rsvd - Huge pages for which a commitment to allocate from the pool has been made | 0 | 0 |
| HugePages_Surp - Huge pages in the pool above the value in /proc/sys/vm/nr_hugepages | 0 | 0 |

Memory HugePages Size

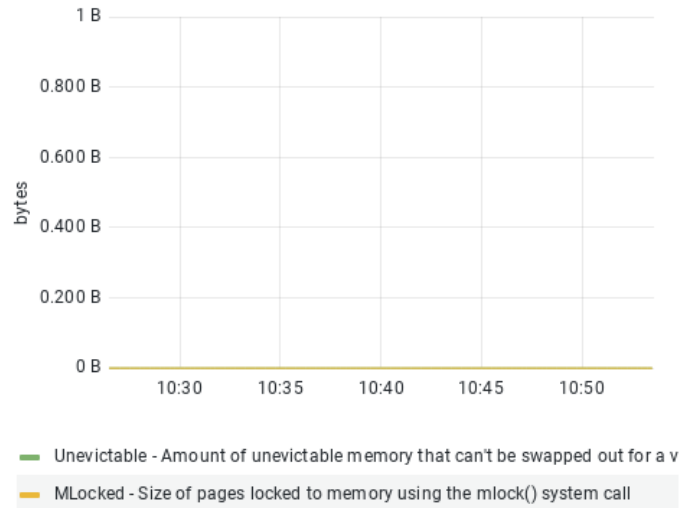


| | | |
|--|----------|----------|
| HugePages - Total size of the pool of huge pages | 0.00 B | 0.00 B |
| Hugepagesize - Huge Page size | 2.00 MiB | 2.00 MiB |

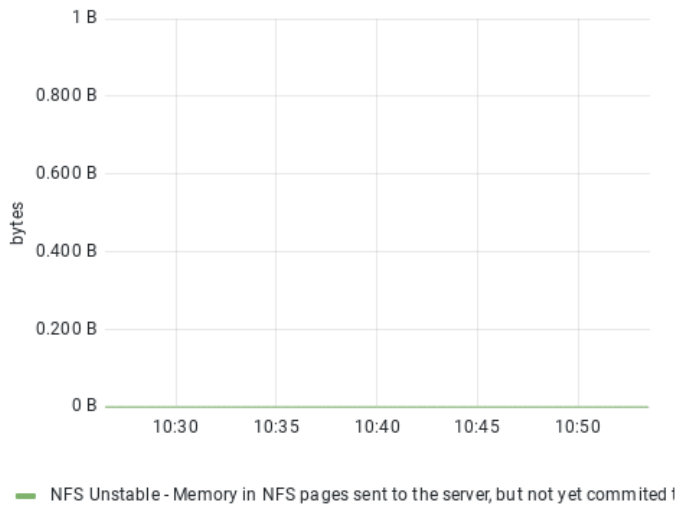
Memory DirectMap



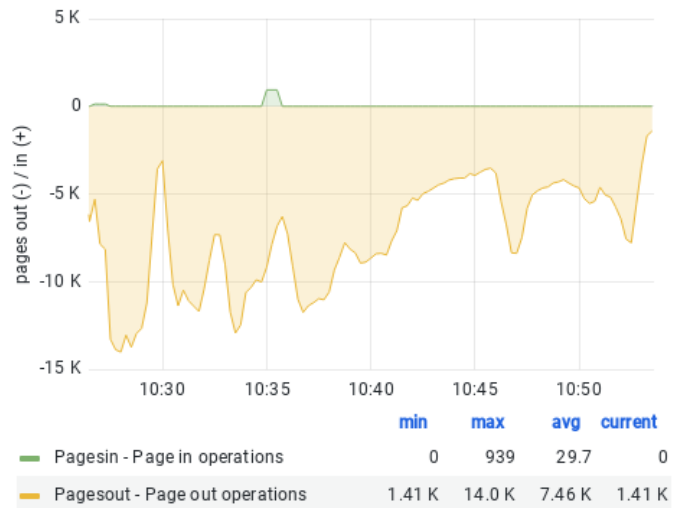
Memory Unevictable and MLocked



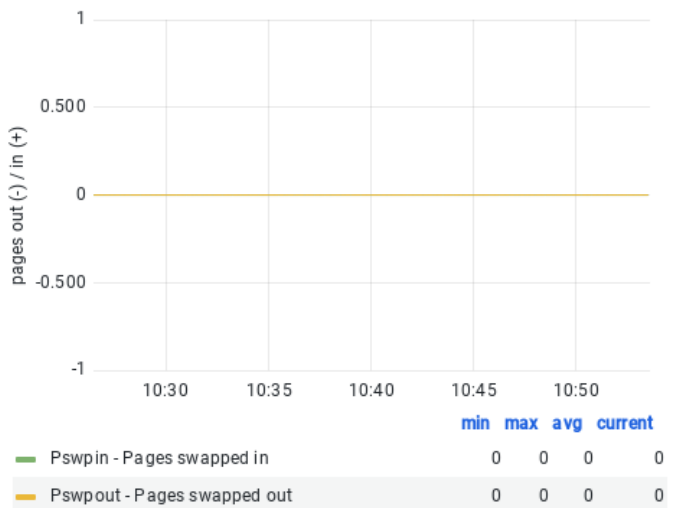
Memory NFS



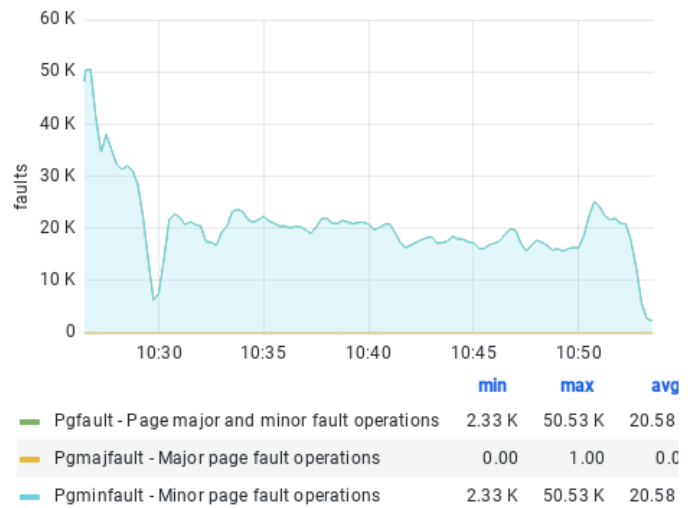
Memory Pages In / Out

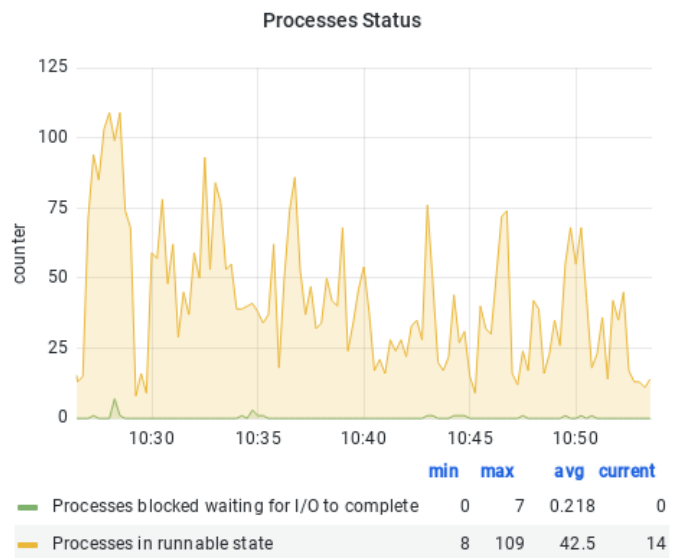
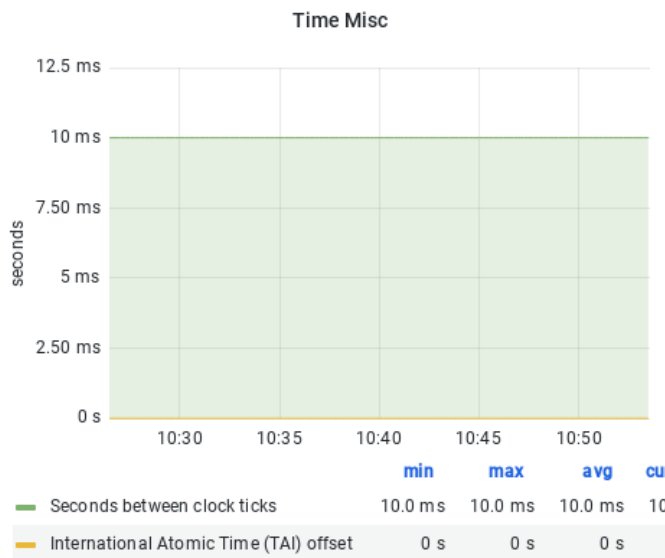
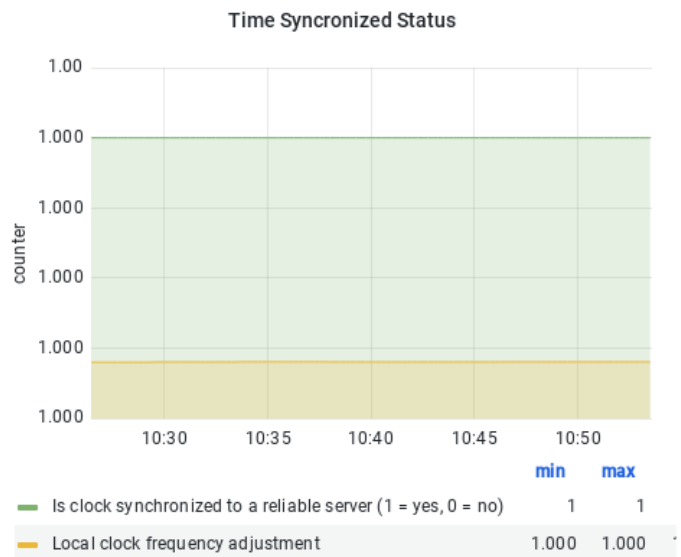
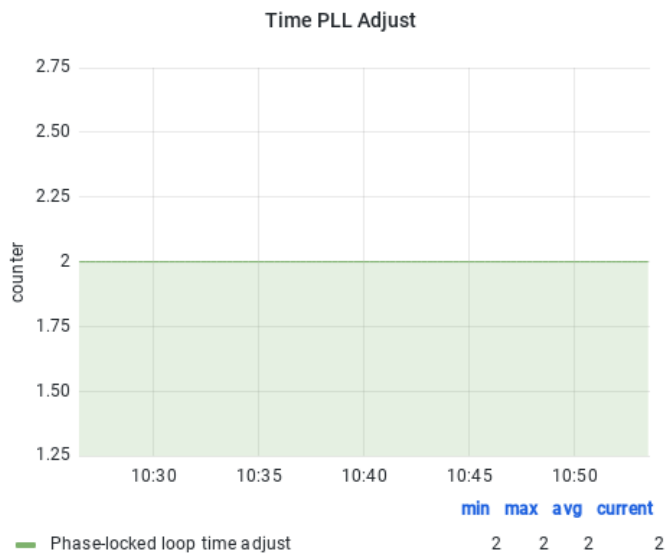
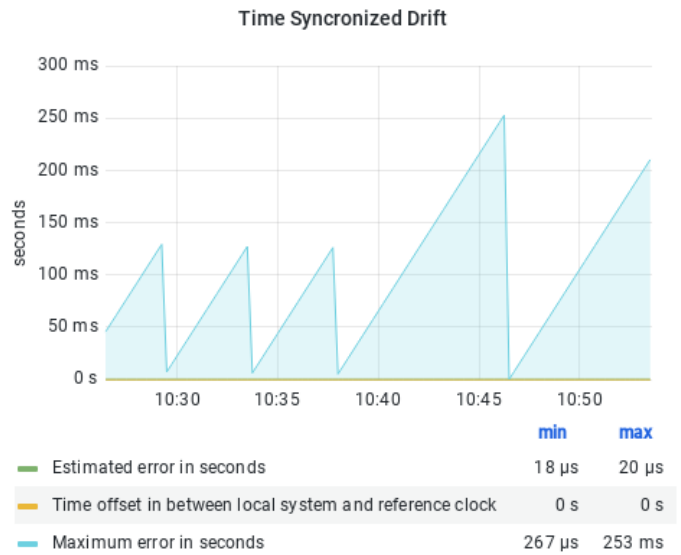
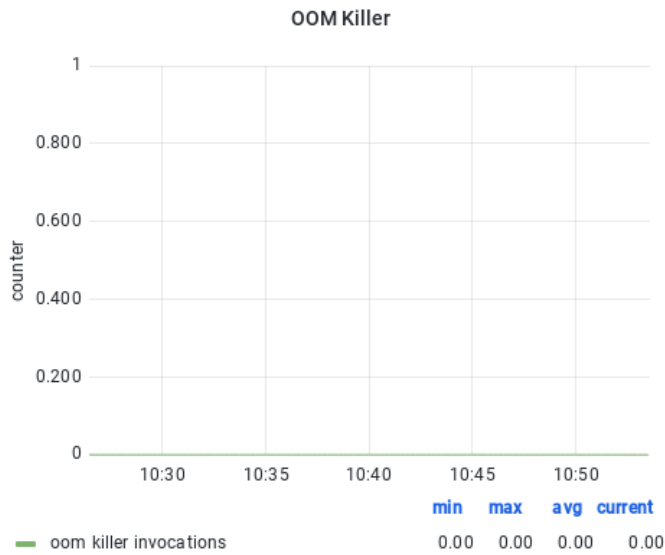


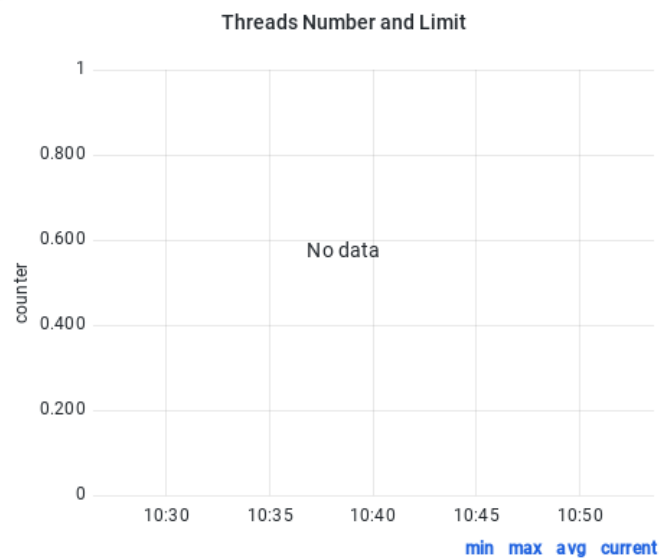
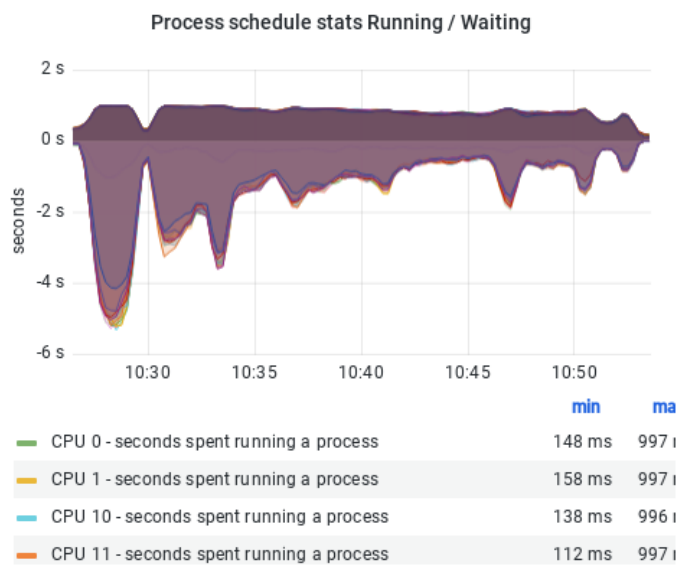
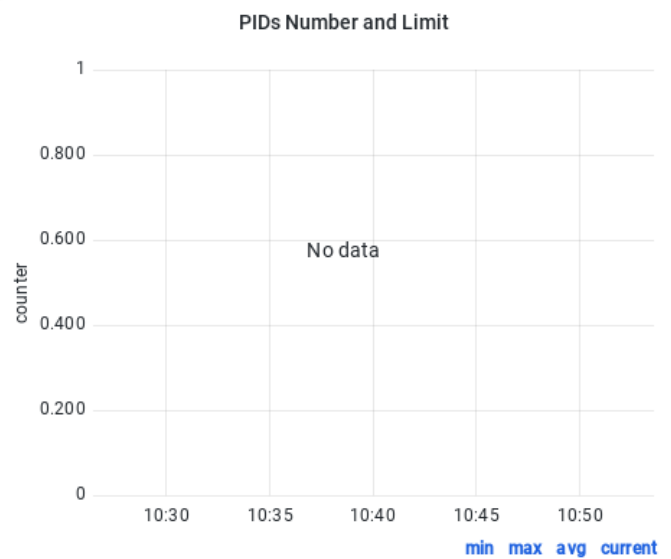
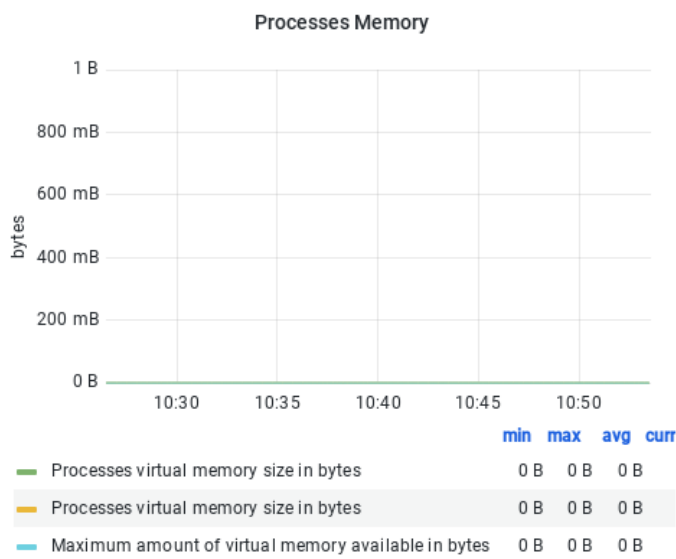
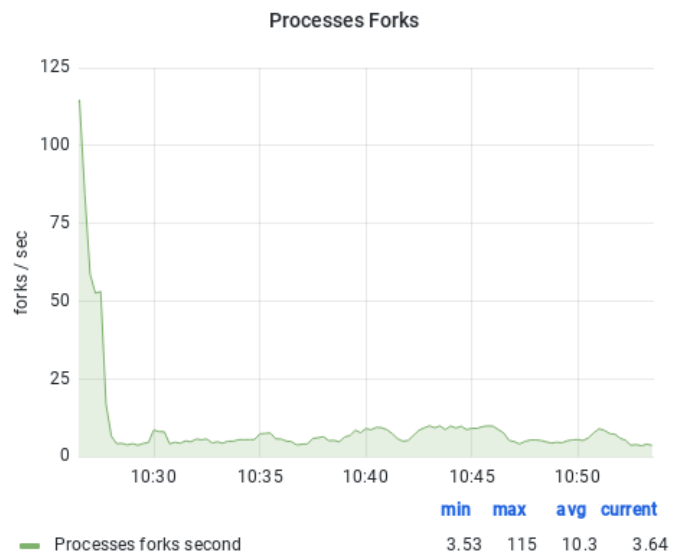
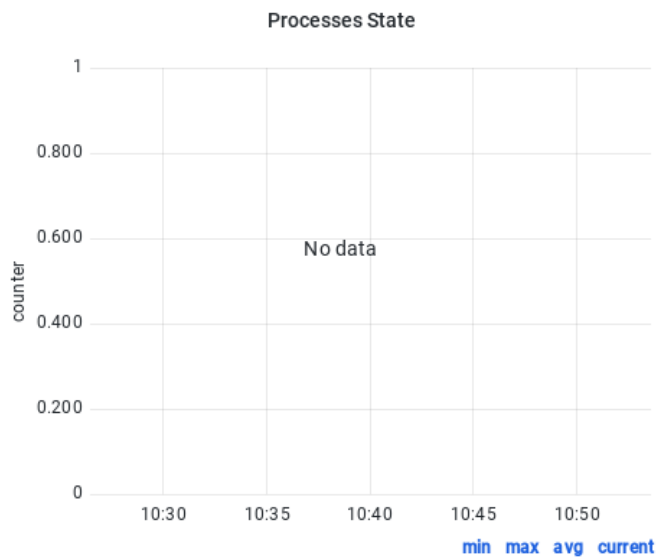
Memory Pages Swap In / Out



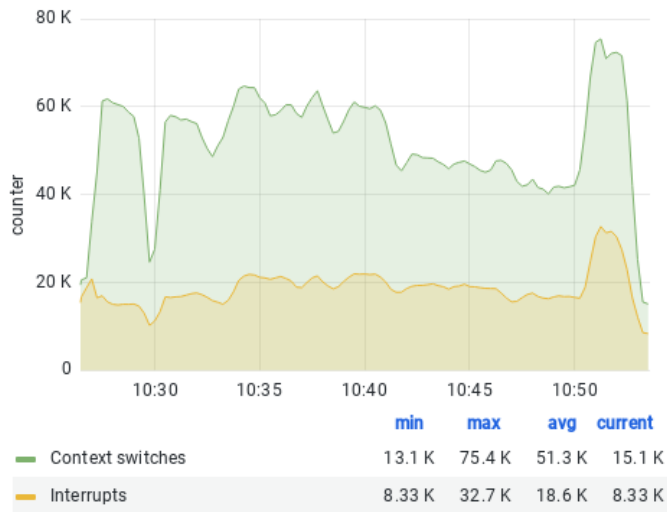
Memory Page Faults



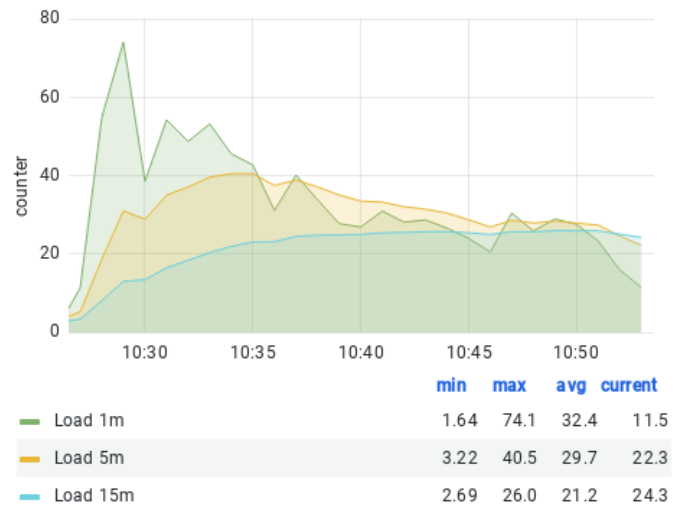




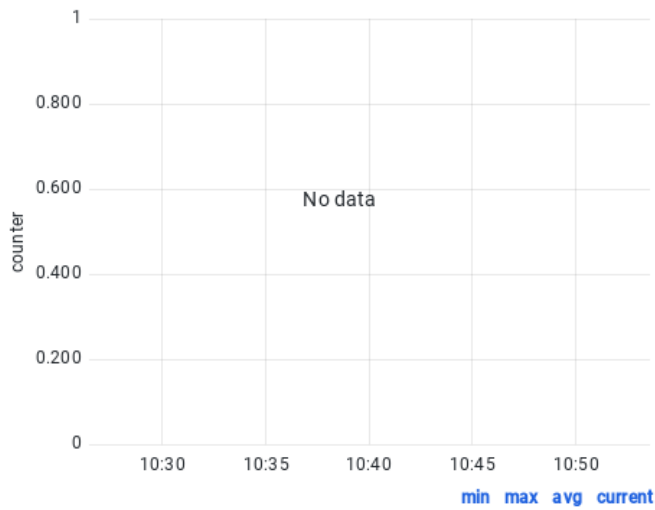
Context Switches / Interrupts



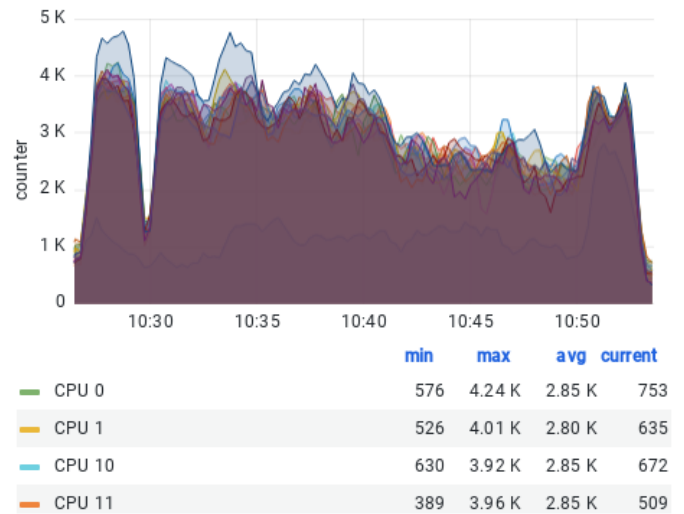
System Load



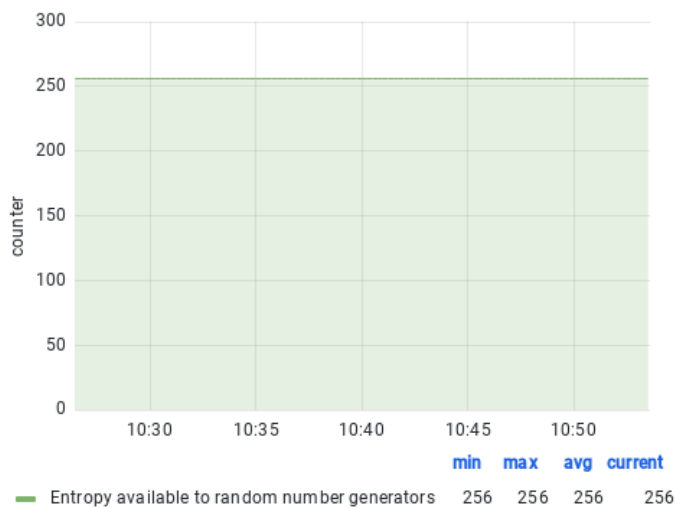
Interrupts Detail



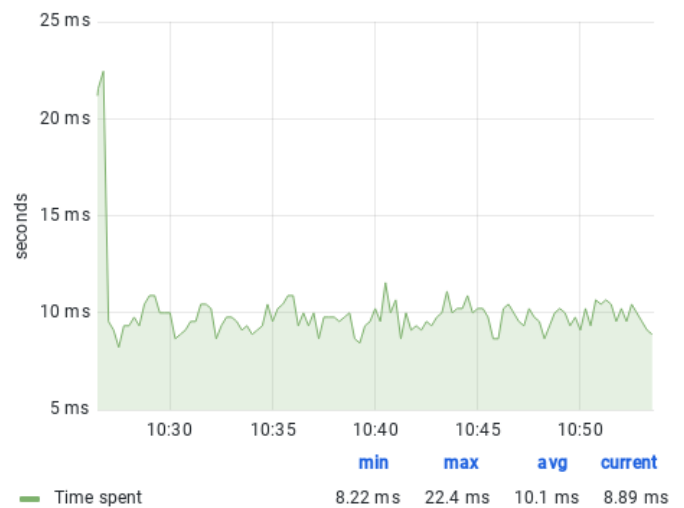
Schedule timeslices executed by each cpu



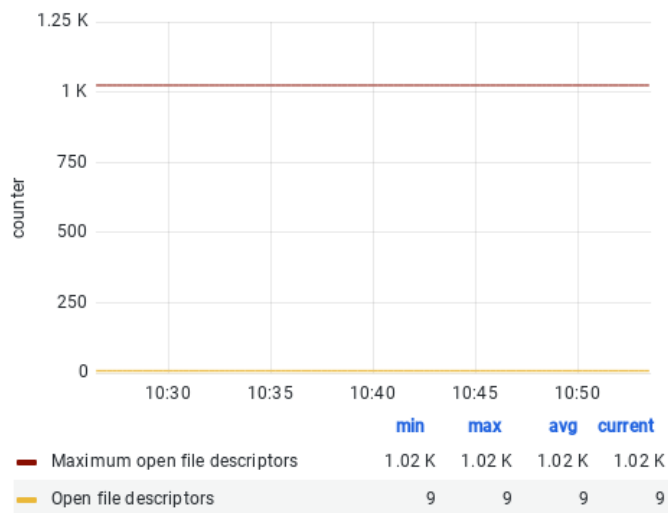
Entropy



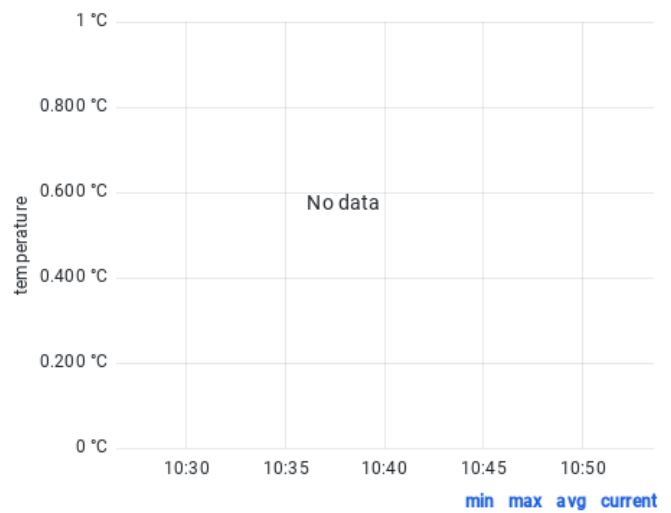
CPU time spent in user and system contexts



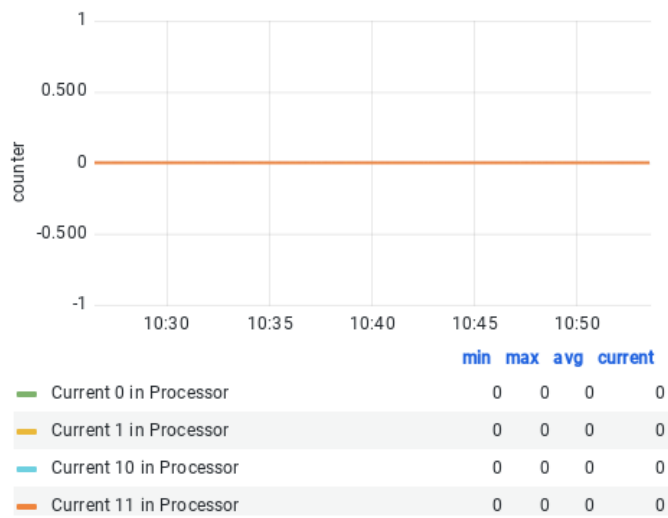
File Descriptors



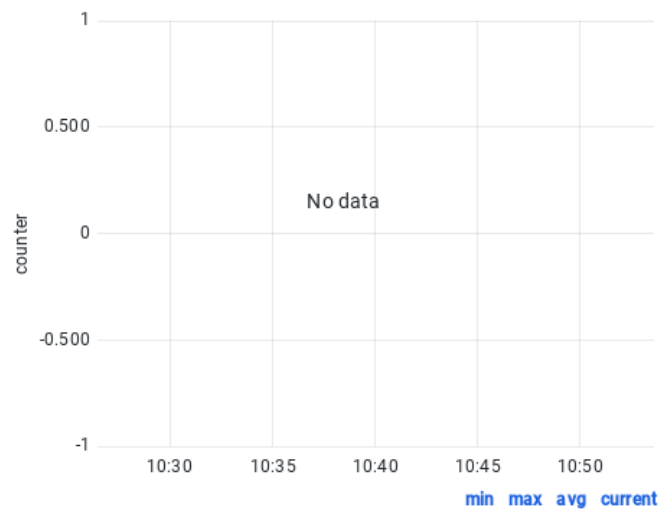
Hardware temperature monitor



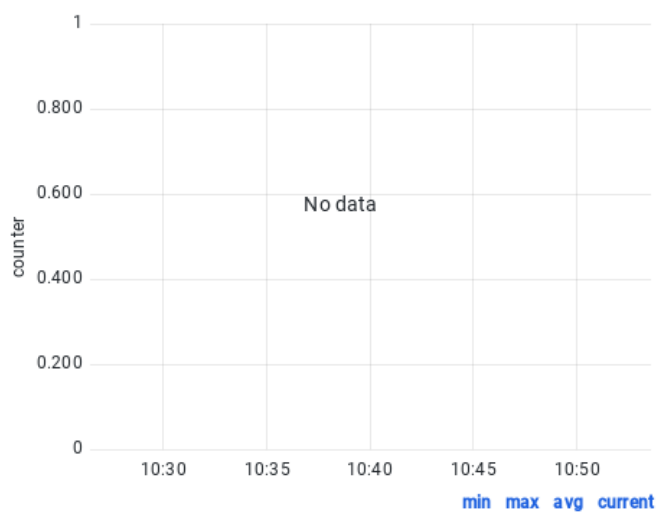
Throttle cooling device



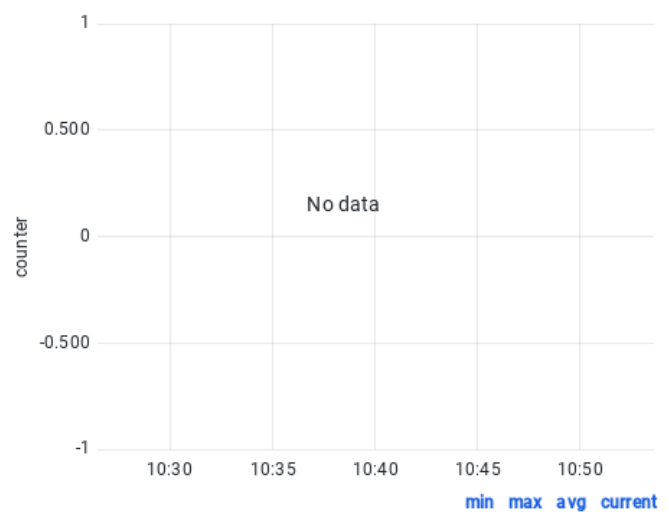
Power supply

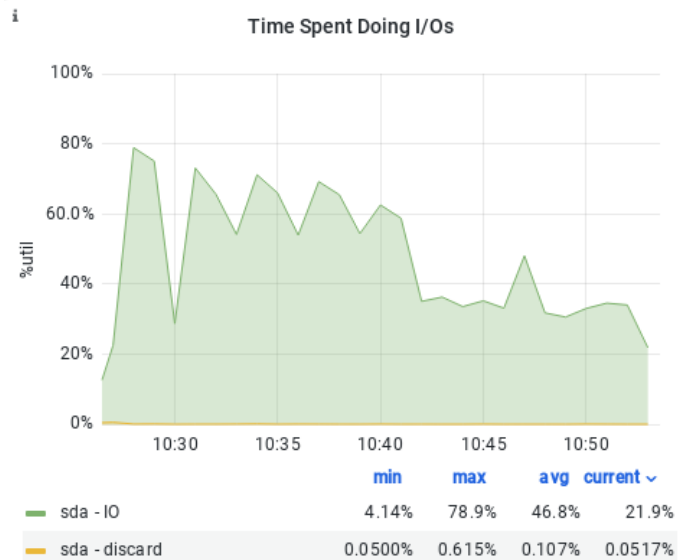
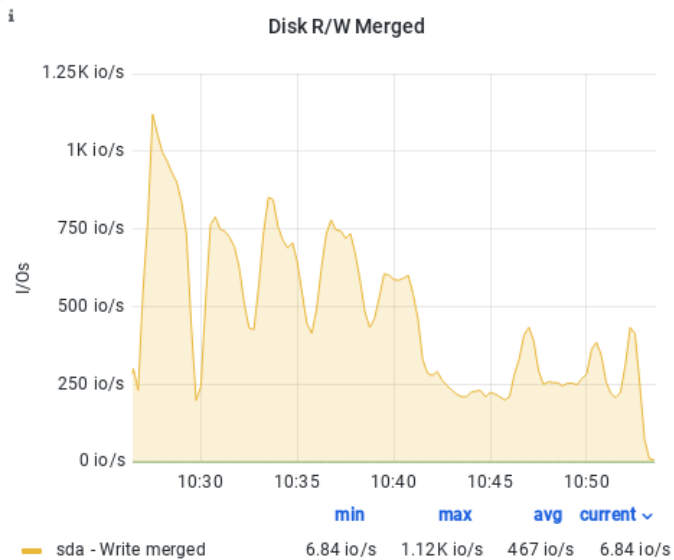
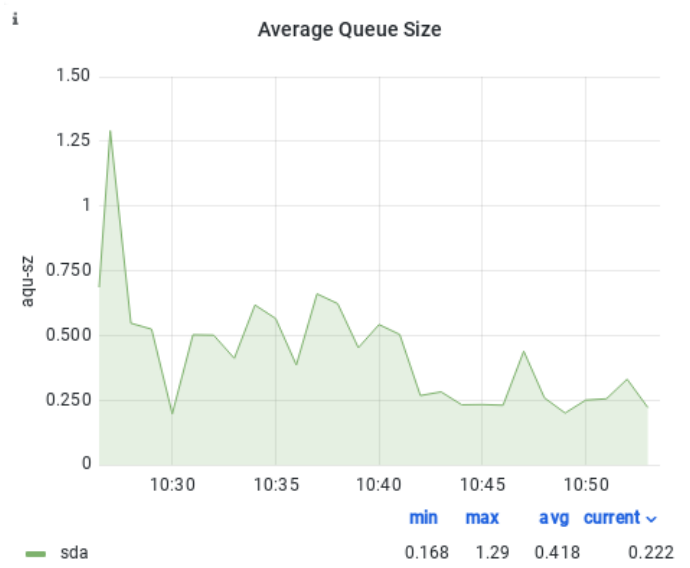
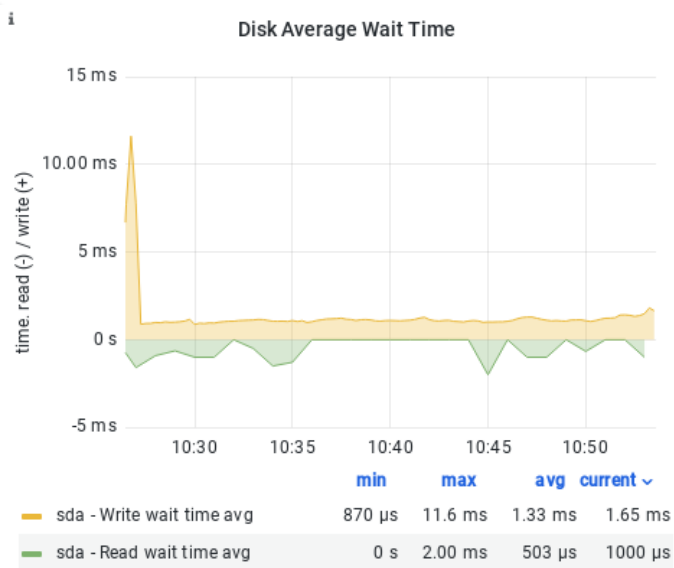
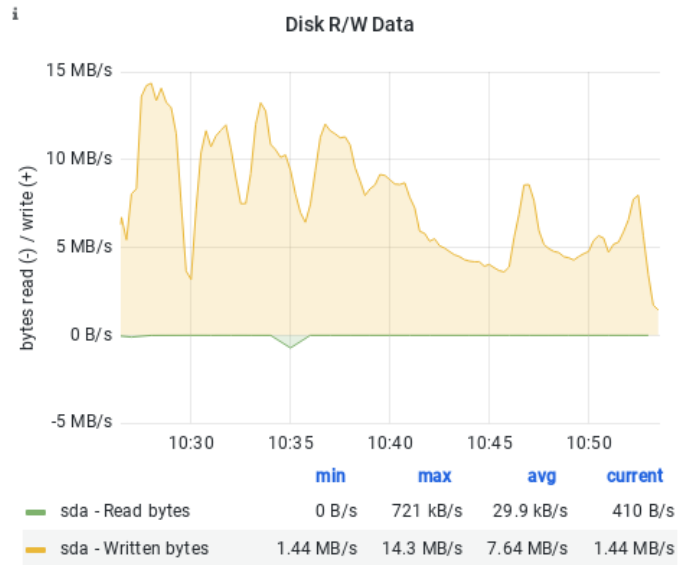
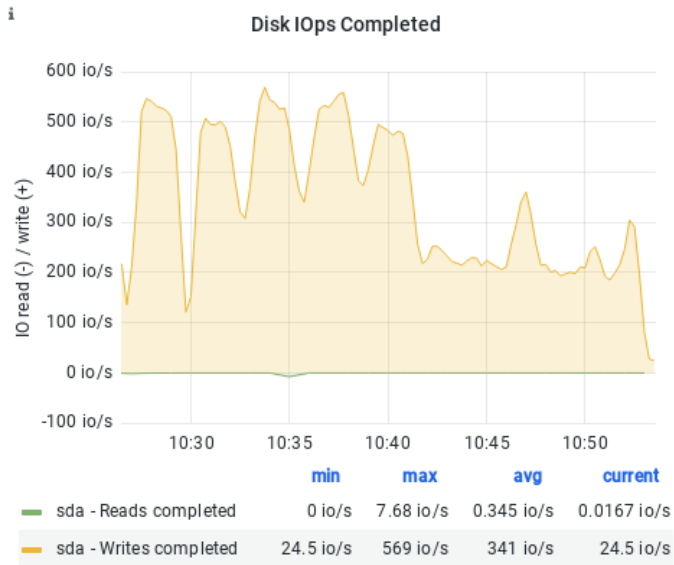


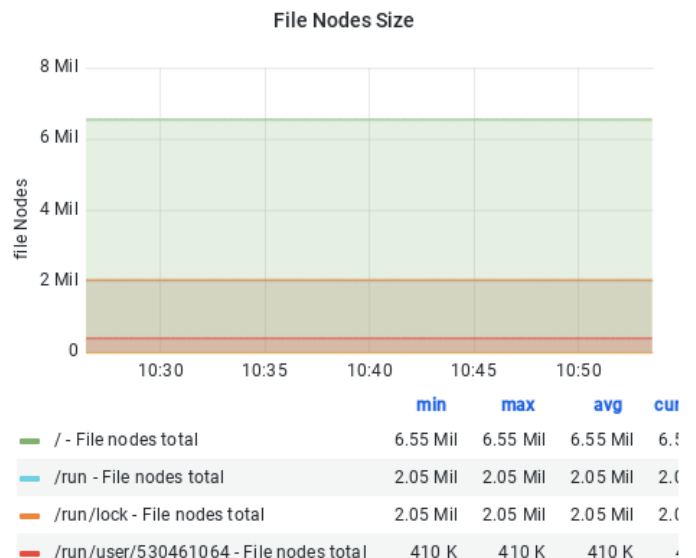
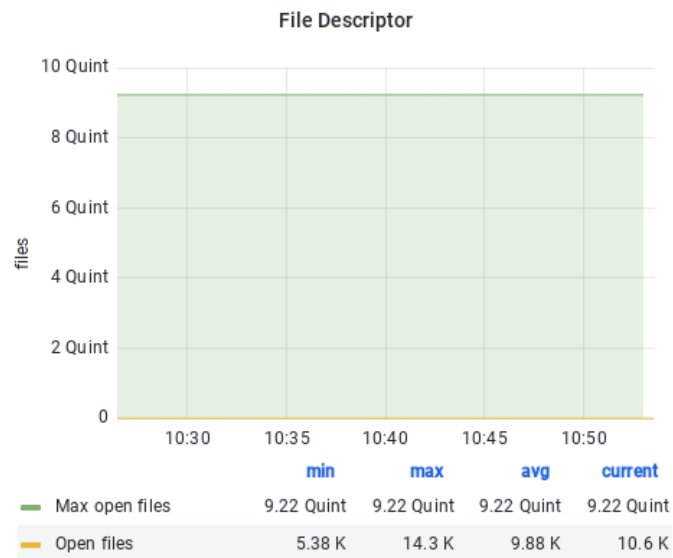
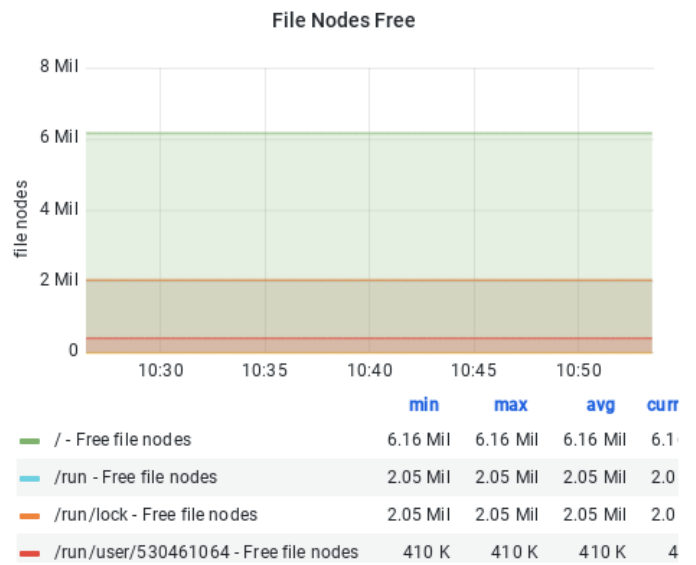
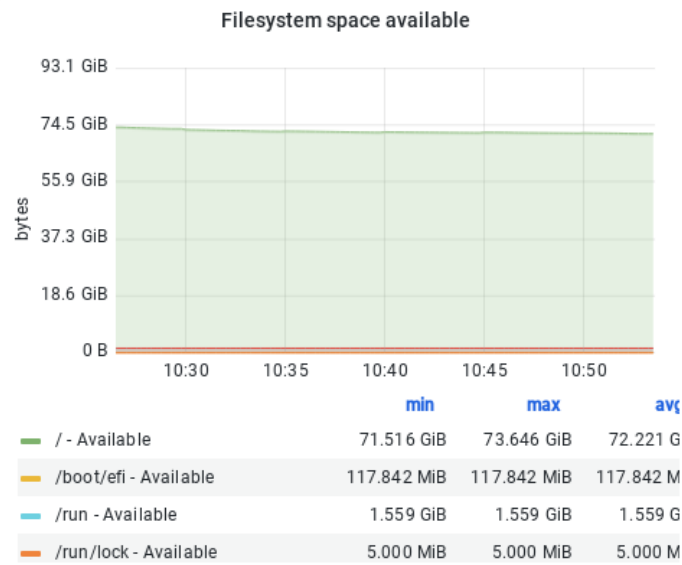
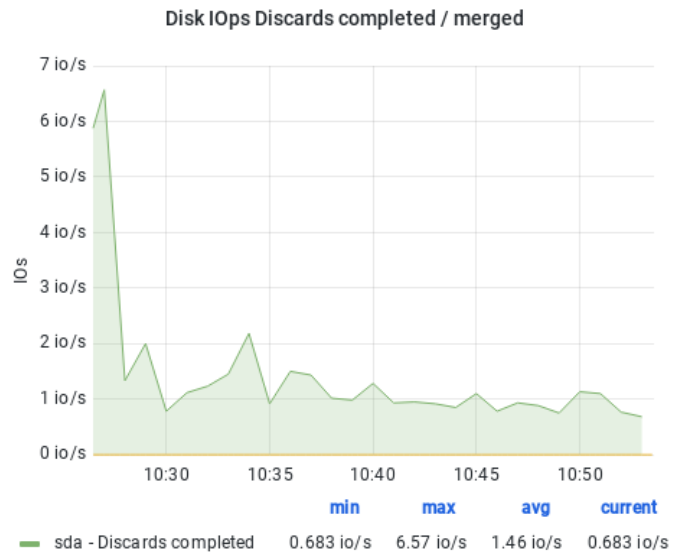
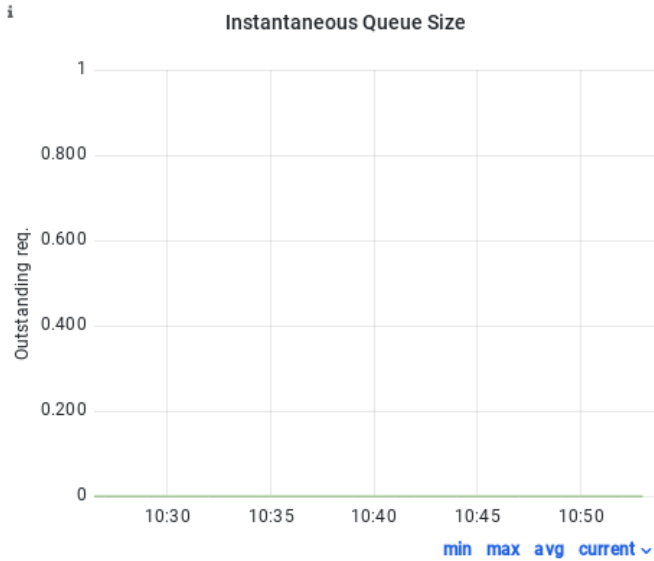
Systemd Sockets

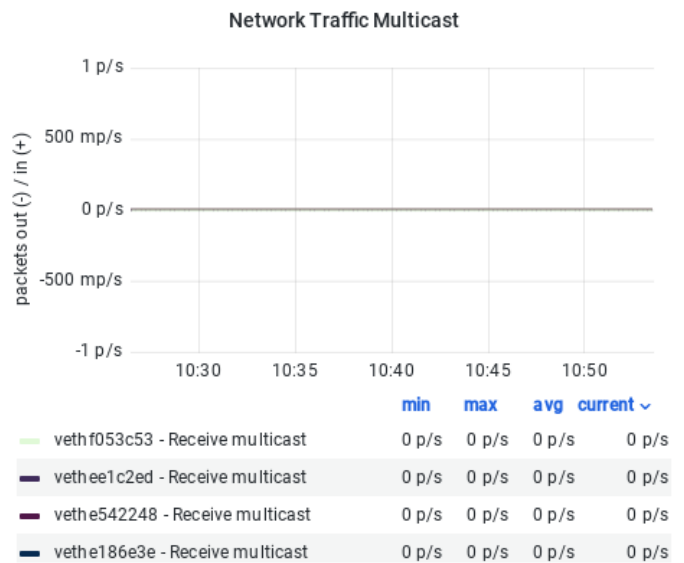
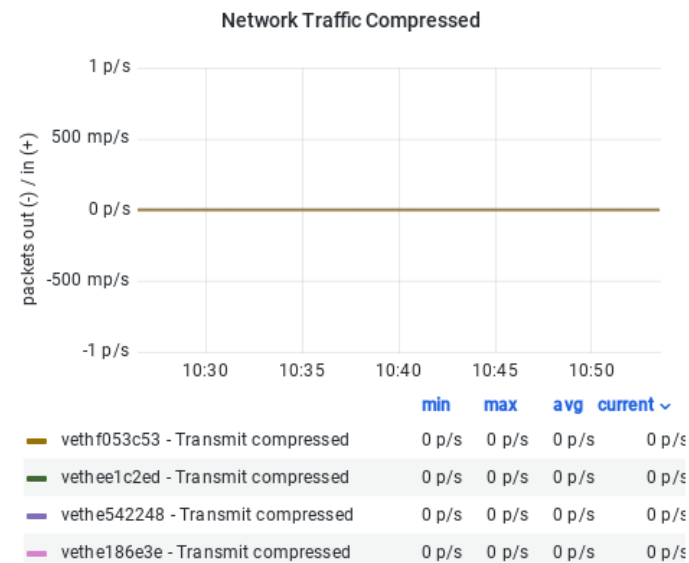
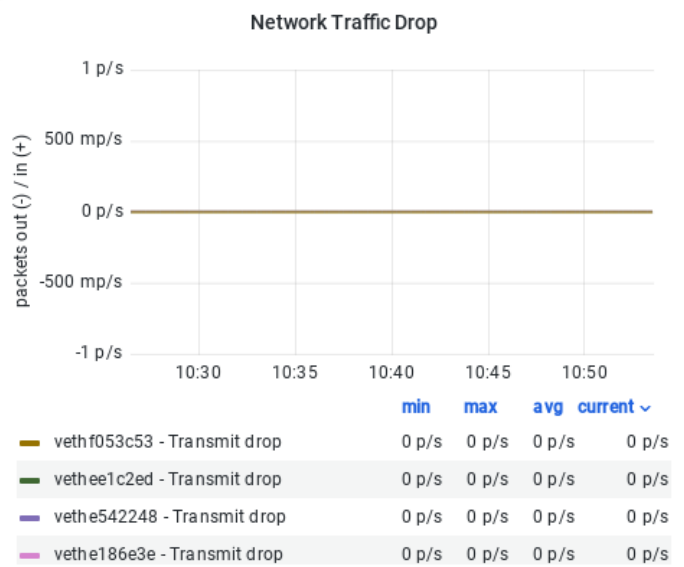
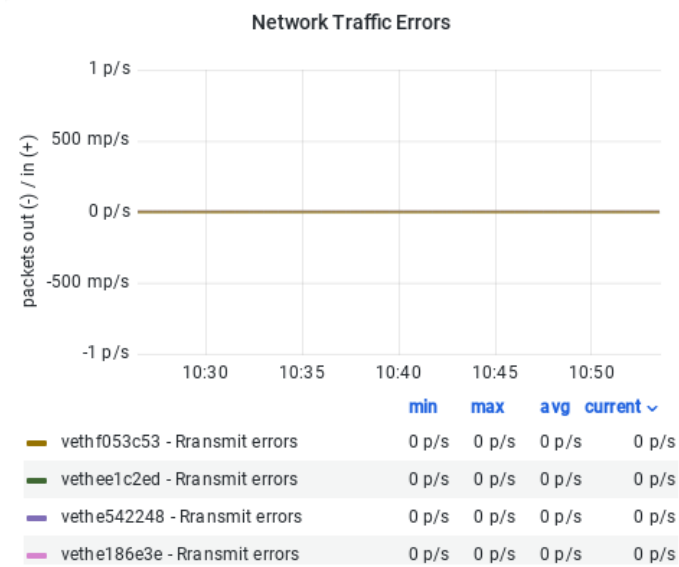
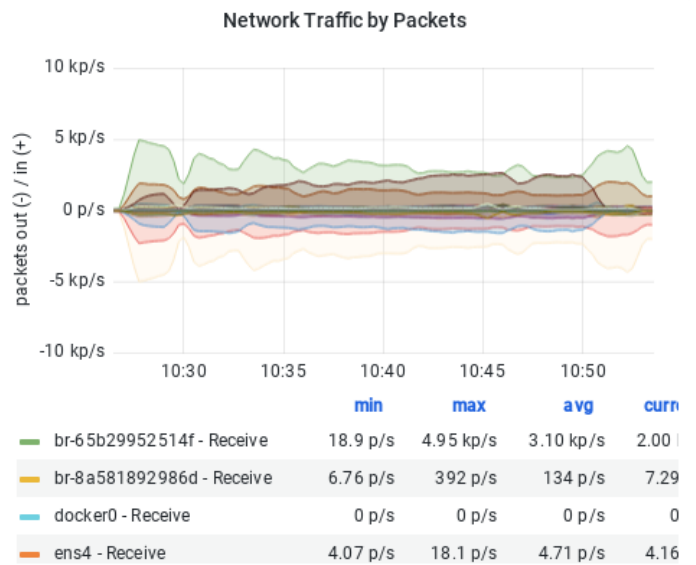
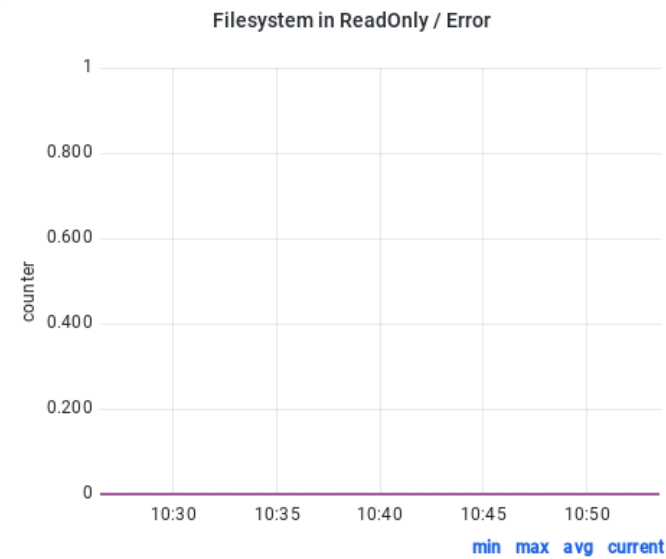


Systemd Units State

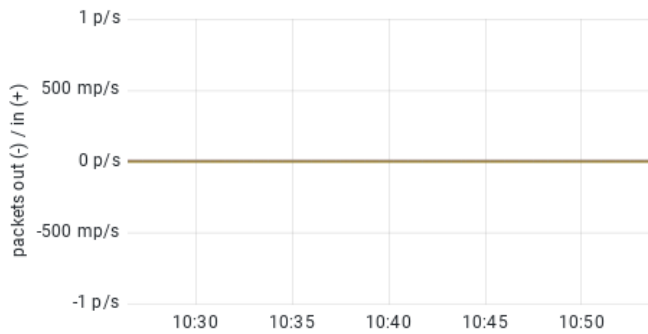






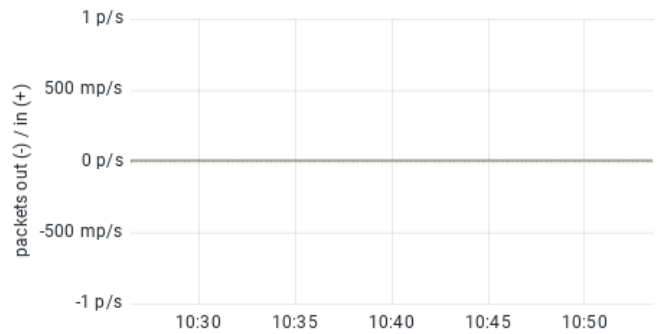


Network Traffic Fifo



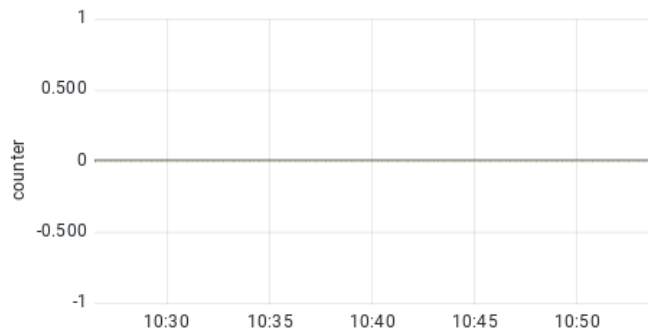
| | min | max | avg | current |
|-----------------------------|-------|-------|-------|---------|
| vethf053c53 - Transmit fifo | 0 p/s | 0 p/s | 0 p/s | 0 p/s |
| vethee1c2ed - Transmit fifo | 0 p/s | 0 p/s | 0 p/s | 0 p/s |
| vethe542248 - Transmit fifo | 0 p/s | 0 p/s | 0 p/s | 0 p/s |
| vethe186e3e - Transmit fifo | 0 p/s | 0 p/s | 0 p/s | 0 p/s |

Network Traffic Frame



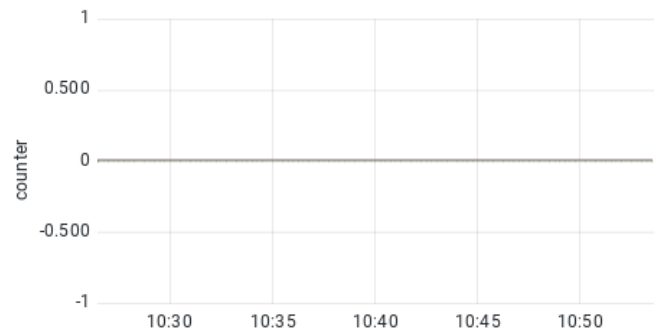
| | min | max | avg | current |
|-----------------------------|-------|-------|-------|---------|
| vethf053c53 - Receive frame | 0 p/s | 0 p/s | 0 p/s | 0 p/s |
| vethee1c2ed - Receive frame | 0 p/s | 0 p/s | 0 p/s | 0 p/s |
| vethe542248 - Receive frame | 0 p/s | 0 p/s | 0 p/s | 0 p/s |
| vethe186e3e - Receive frame | 0 p/s | 0 p/s | 0 p/s | 0 p/s |

Network Traffic Carrier



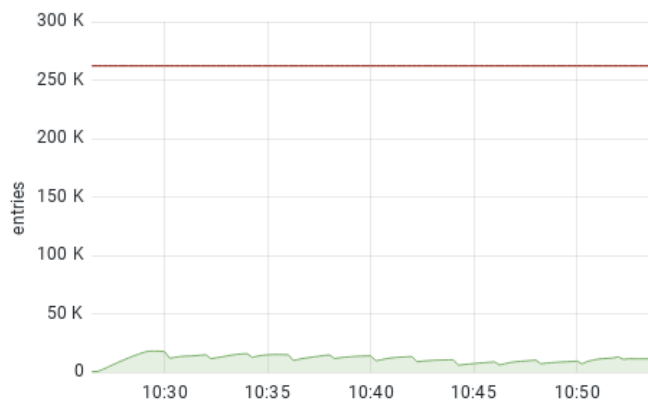
| | min | max | avg | current |
|--|-----|-----|-----|---------|
| vethf053c53 - Statistic transmit_carrier | 0 | 0 | 0 | 0 |
| vethee1c2ed - Statistic transmit_carrier | 0 | 0 | 0 | 0 |
| vethe542248 - Statistic transmit_carrier | 0 | 0 | 0 | 0 |
| vethe186e3e - Statistic transmit_carrier | 0 | 0 | 0 | 0 |

Network Traffic Colls



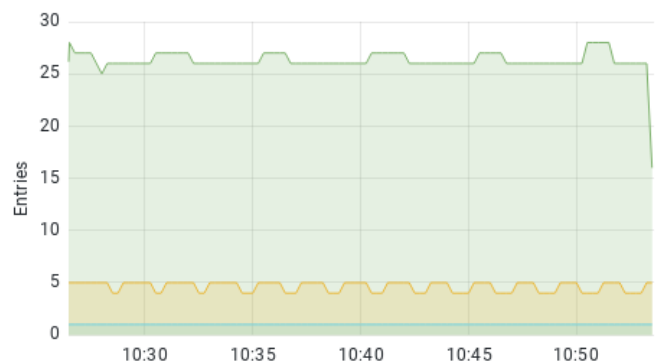
| | min | max | avg | current |
|------------------------------|-----|-----|-----|---------|
| vethf053c53 - Transmit colls | 0 | 0 | 0 | 0 |
| vethee1c2ed - Transmit colls | 0 | 0 | 0 | 0 |
| vethe542248 - Transmit colls | 0 | 0 | 0 | 0 |
| vethe186e3e - Transmit colls | 0 | 0 | 0 | 0 |

NF Contrack



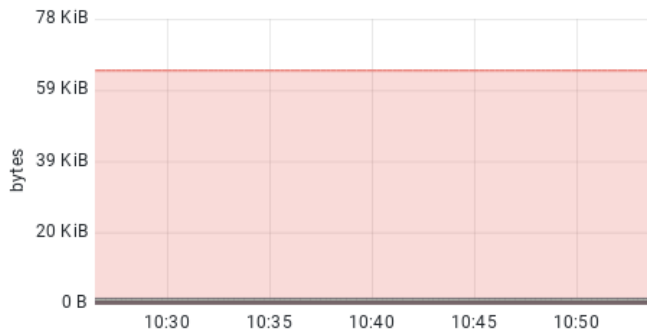
| | min | max | avg | current |
|----------------------|-------|--------|--------|---------|
| NF conntrack entries | 350 | 18.2 K | 11.4 K | 11.6 K |
| NF conntrack limit | 262 K | 262 K | 262 K | 262 K |

ARP Entries



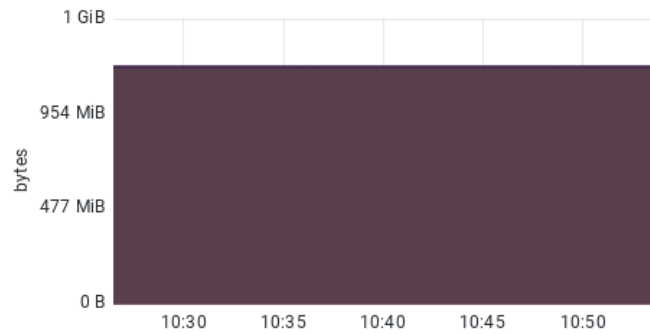
| | min | max | avg | current |
|-------------------------------|-----|-----|------|---------|
| br-65b29952514f - ARP entries | 16 | 28 | 26.2 | 16 |
| br-8a581892986d - ARP entries | 4 | 5 | 4.63 | 5 |
| ens4 - ARP entries | 1 | 1 | 1 | 1 |

MTU



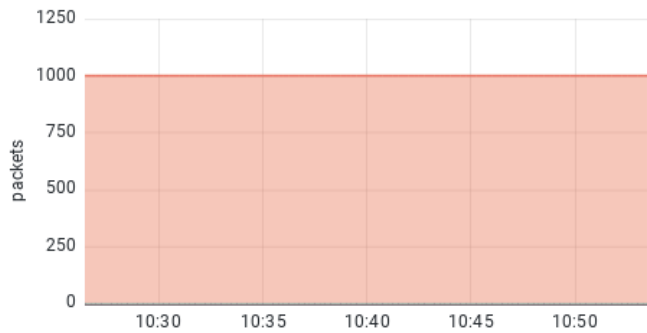
| | min | max | avg | current |
|-------------------------|---------|---------|---------|---------|
| br-65b29952514f - Bytes | 1.5 KiB | 1.5 KiB | 1.5 KiB | 1.5 KiB |
| br-8a581892986d - Bytes | 1.5 KiB | 1.5 KiB | 1.5 KiB | 1.5 KiB |
| docker0 - Bytes | 1.5 KiB | 1.5 KiB | 1.5 KiB | 1.5 KiB |
| ens4 - Bytes | 1.4 KiB | 1.4 KiB | 1.4 KiB | 1.4 KiB |

Speed



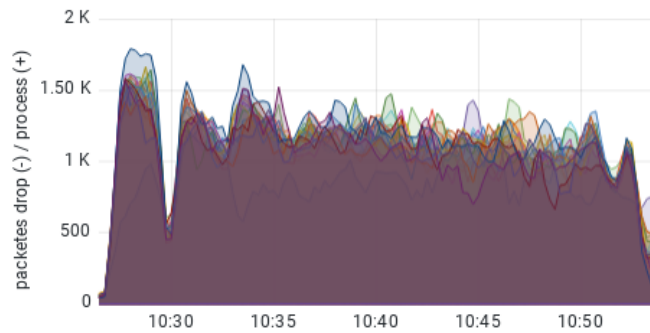
| | min | max | avg | current |
|-------------------------|------------|------------|------------|------------|
| br-65b29952514f - Speed | 1.2 GiB | 1.2 GiB | 1.2 GiB | 1.2 GiB |
| br-8a581892986d - Speed | 1.2 GiB | 1.2 GiB | 1.2 GiB | 1.2 GiB |
| docker0 - Speed | -122.1 KiB | -122.1 KiB | -122.1 KiB | -122.1 KiB |
| ens4 - Speed | -122.1 KiB | -122.1 KiB | -122.1 KiB | -122.1 KiB |

Queue Length



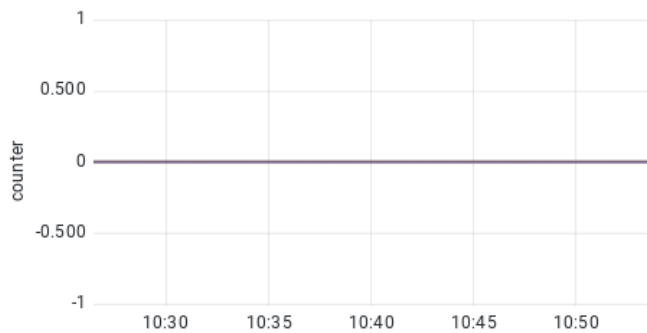
| | min | max | avg | current |
|---|--------|--------|--------|---------|
| br-65b29952514f - Interface transmit queue length | 0.0 | 0.0 | 0.0 | 0.0 |
| br-8a581892986d - Interface transmit queue length | 0.0 | 0.0 | 0.0 | 0.0 |
| docker0 - Interface transmit queue length | 0.0 | 0.0 | 0.0 | 0.0 |
| ens4 - Interface transmit queue length | 1000.0 | 1000.0 | 1000.0 | 1000.0 |

Softnet Packets



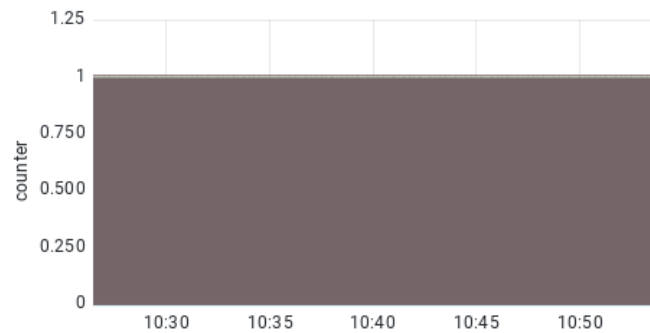
| | min | max | avg | current |
|--------------------|------|--------|--------|---------|
| CPU 15 - Processed | 16.0 | 1.43 K | 848 | 752 |
| CPU 5 - Processed | 23.0 | 1.50 K | 1.07 K | 493 |
| CPU 1 - Processed | 15.1 | 1.58 K | 1.06 K | 492 |
| CPU 0 - Processed | 19.3 | 1.61 K | 1.09 K | 484 |

Softnet Out of Quota



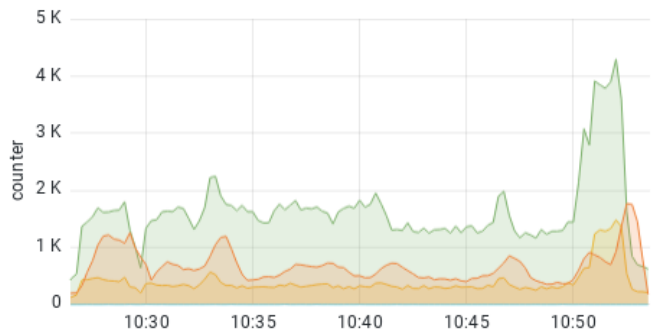
| | min | max | avg | current |
|------------------|-----|-----|-----|---------|
| CPU 9 - Squeezed | 0 | 0 | 0 | 0 |
| CPU 8 - Squeezed | 0 | 0 | 0 | 0 |
| CPU 7 - Squeezed | 0 | 0 | 0 | 0 |
| CPU 6 - Squeezed | 0 | 0 | 0 | 0 |

Network Operational Status



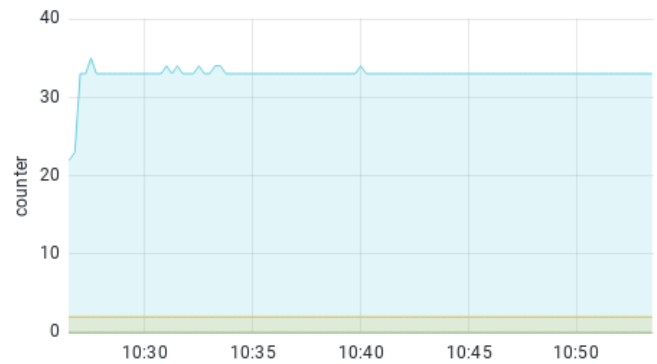
| | min | max | avg | current |
|-----------------------------------|-----|-----|-----|---------|
| vethf053c53 - Physical link state | 1 | 1 | 1 | 1 |
| vethee1c2ed - Physical link state | 1 | 1 | 1 | 1 |
| vethe542248 - Physical link state | 1 | 1 | 1 | 1 |
| vethe186e3e - Physical link state | 1 | 1 | 1 | 1 |

Sockstat TCP



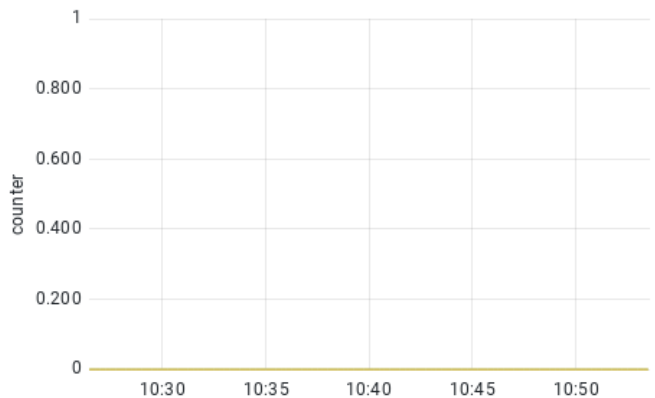
| | min | max | avg | current |
|--|-----|--------|--------|---------|
| TCP_alloc - Allocated sockets | 282 | 4.30 K | 1.62 K | 624 |
| TCP_inuse - Tcp sockets currently in use | 87 | 1.48 K | 391 | 210 |
| TCP_orphan - Orphan sockets | 0 | 4 | 0.409 | 0 |
| TCP_tw - Sockets waiting close | 143 | 1.77 K | 671 | 179 |

Sockstat UDP



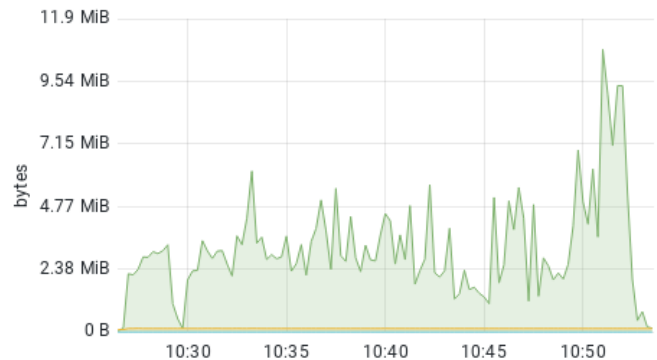
| | min | max | avg | current |
|--|-----|-----|------|---------|
| UDPLITE_inuse - Udp sockets currently in use | 0 | 0 | 0 | 0 |
| UDP_inuse - Udp sockets currently in use | 2 | 2 | 2 | 2 |
| UDP_mem - Used memory for udp | 22 | 35 | 32.8 | 33 |

Sockstat FRAG / RAW



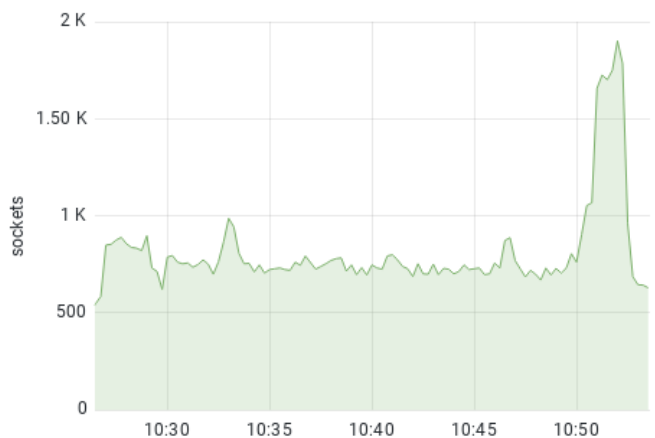
| | min | max | avg | current |
|--|-----|-----|-----|---------|
| FRAG_inuse - Frag sockets currently in use | 0 | 0 | 0 | 0 |
| RAW_inuse - Raw sockets currently in use | 0 | 0 | 0 | 0 |

Sockstat Memory Size



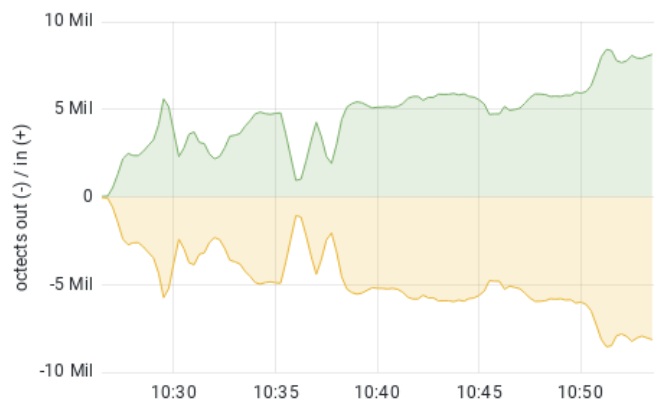
| | min | max | avg | current |
|---------------------------------------|--------|----------|----------|---------|
| mem_bytes - TCP sockets in that state | 40 KiB | 10.8 MiB | 3.16 MiB | 14.2 |
| mem_bytes - UDP sockets in that state | 88 KiB | 140 KiB | 131 KiB | 132 |
| FRAG_memory - Used memory for frag | 0 B | 0 B | 0 B | 0 |

Sockstat Used



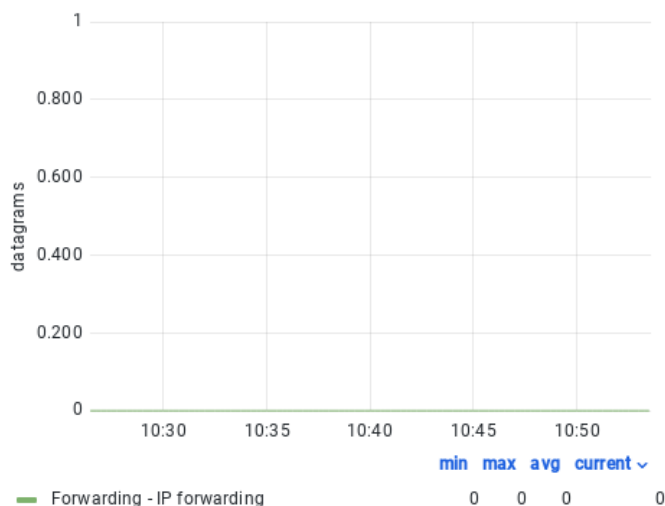
| | min | max | avg | current |
|---|-----|--------|-----|---------|
| Sockets_used - Sockets currently in use | 498 | 1.90 K | 810 | 629 |

Netstat IP In / Out Octets

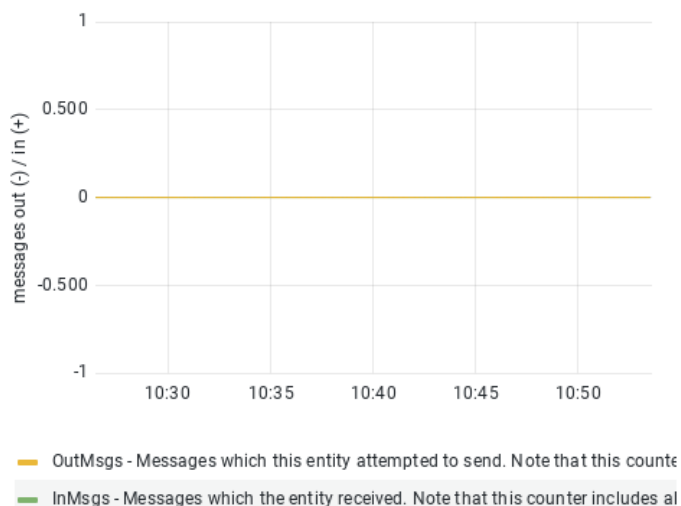


| | min | max | avg | current |
|----------------------------|--------|----------|----------|----------|
| OutOctets - Sent octets | 9.30 K | 8.54 MiB | 4.77 MiB | 8.13 MiB |
| InOctets - Received octets | 7.94 K | 8.41 MiB | 4.66 MiB | 8.13 MiB |

Netstat IP Forwarding



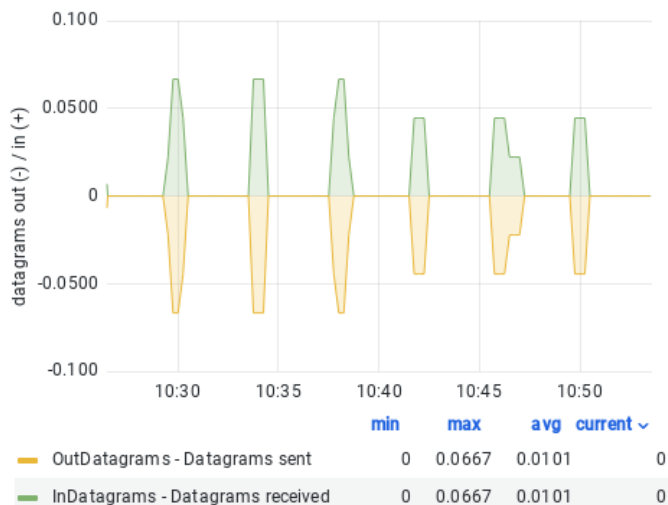
ICMP In / Out



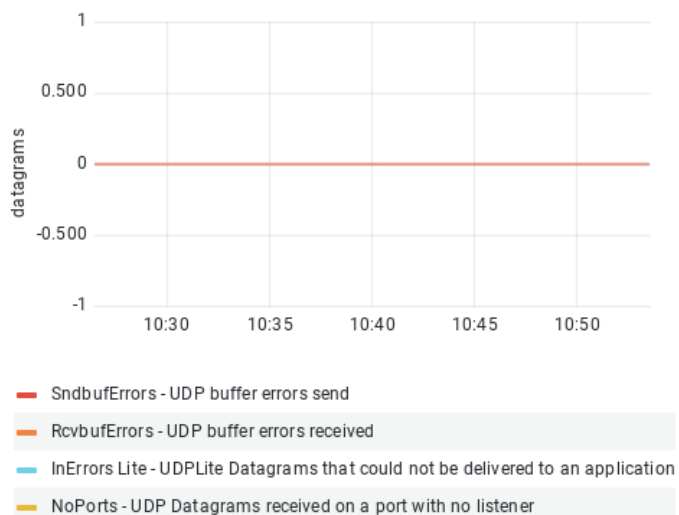
ICMP Errors



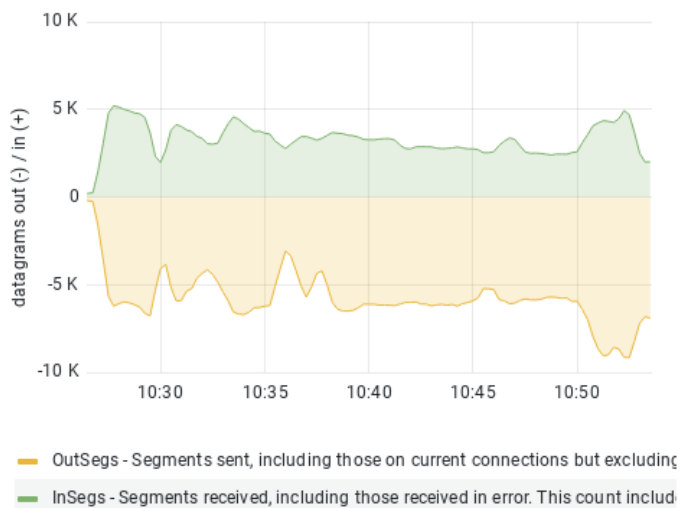
UDP In / Out



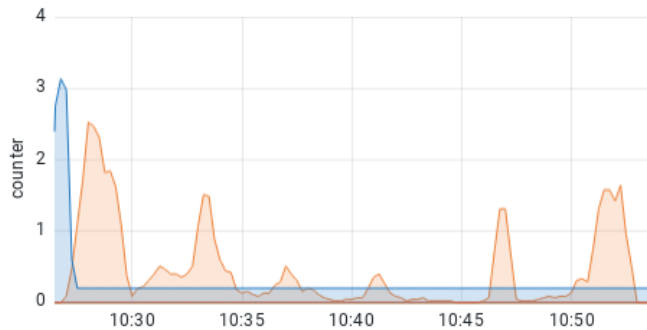
UDP Errors



TCP In / Out

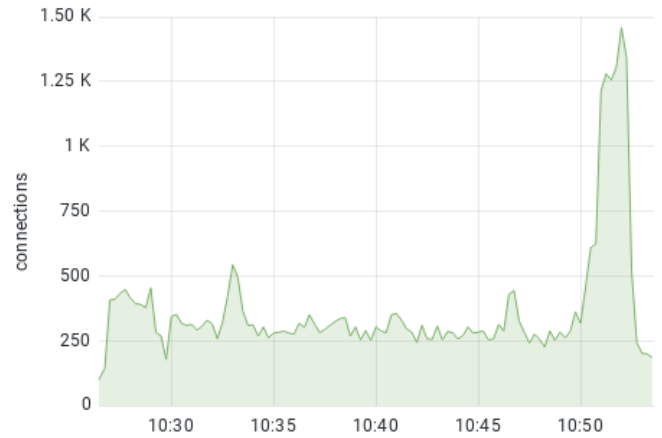


TCP Errors



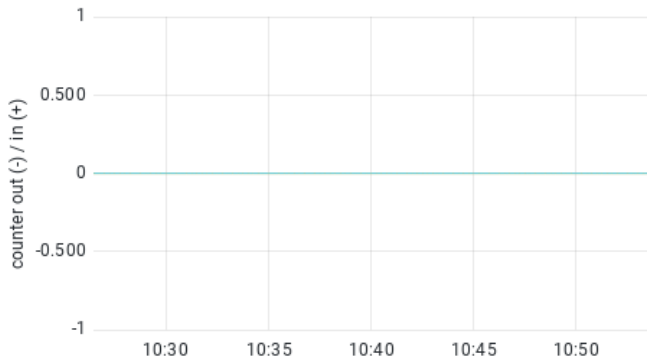
OutRsts - Segments sent with RST flag
 InErrs - Segments received in error (e.g., bad TCP checksums)
 RetransSegs - Segments retransmitted - that is, the number of TCP segments tr
 TCPSynRetrans - SYN-SYN/ACK retransmits to break down retransmissions in

TCP Connections



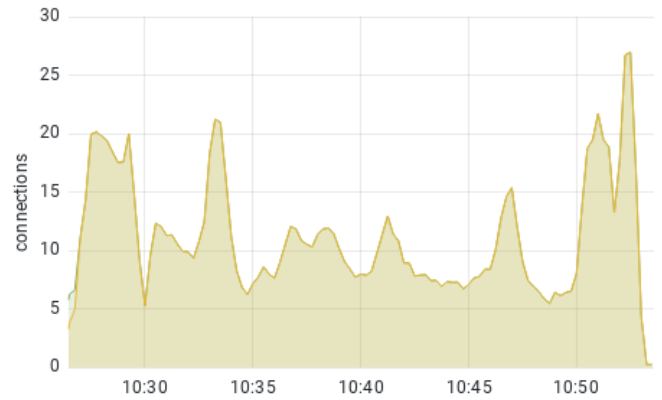
CurrEstab - TCP connections for which the current state is either ESTABLISHED

TCP SynCookie



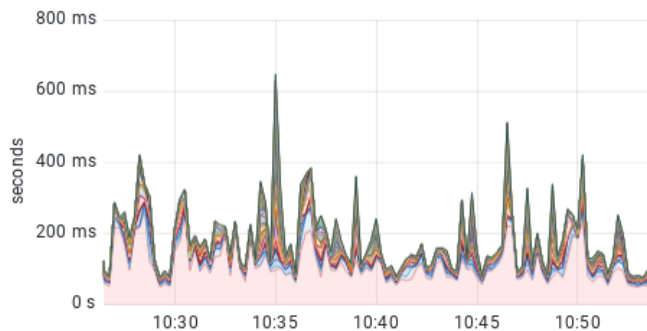
| | min | max | avg | current |
|---|-----|-----|-----|---------|
| SyncookiesSent - SYN cookies sent | 0 | 0 | 0 | 0 |
| SyncookiesRecv - SYN cookies received | 0 | 0 | 0 | 0 |
| SyncookiesFailed - Invalid SYN cookies received | 0 | 0 | 0 | 0 |

TCP Direct Transition



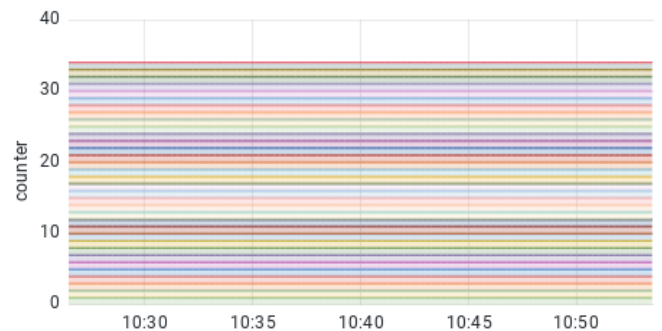
ActiveOpens - TCP connections that have made a direct transition to the SYN-S
 PassiveOpens - TCP connections that have made a direct transition to the SYN

Node Exporter Scrape Time



| | min | max | avg | current |
|-----------------------------|---------|---------|---------|---------|
| netclass - Scrape duration | 50.2 ms | 269 ms | 113 ms | 53.0 |
| netdev - Scrape duration | 1.41 ms | 60.9 ms | 9.28 ms | 6.55 |
| cpu - Scrape duration | 1.42 ms | 45.0 ms | 7.37 ms | 4.94 |
| diskstats - Scrape duration | 1.00 ms | 39.2 ms | 4.72 ms | 4.46 |

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 |