

Host Metrics

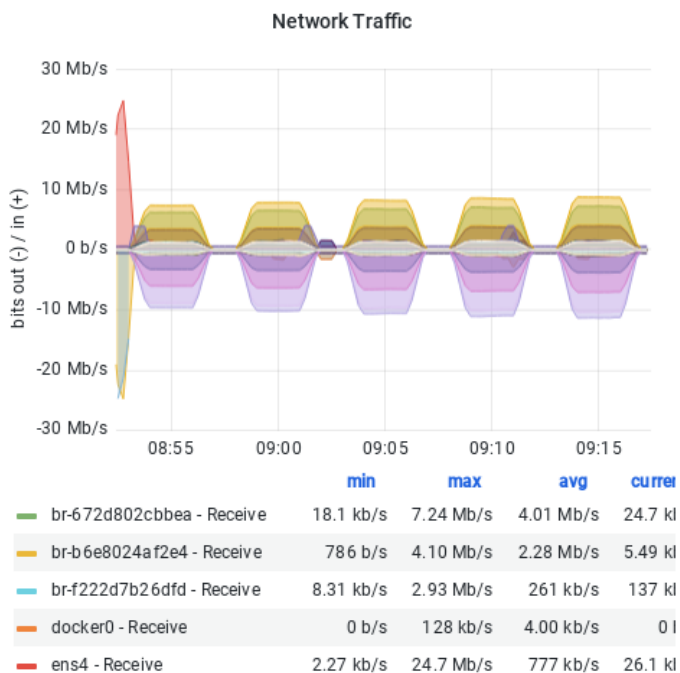
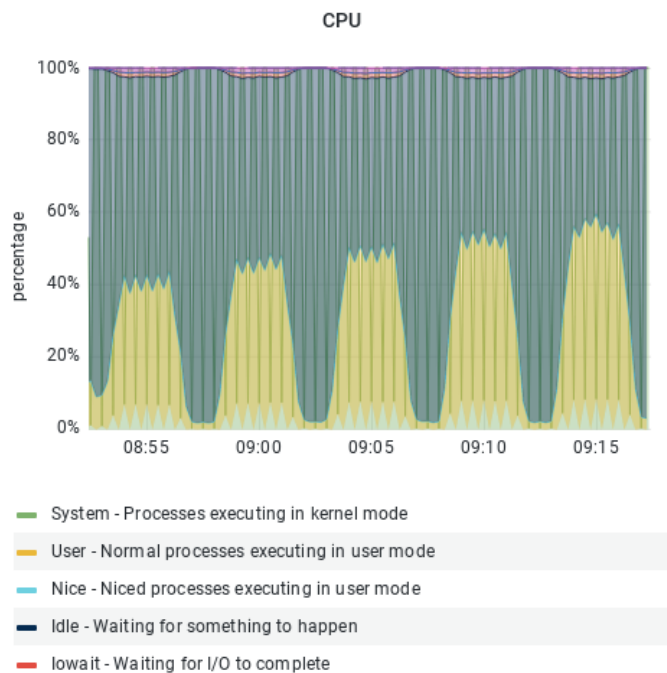
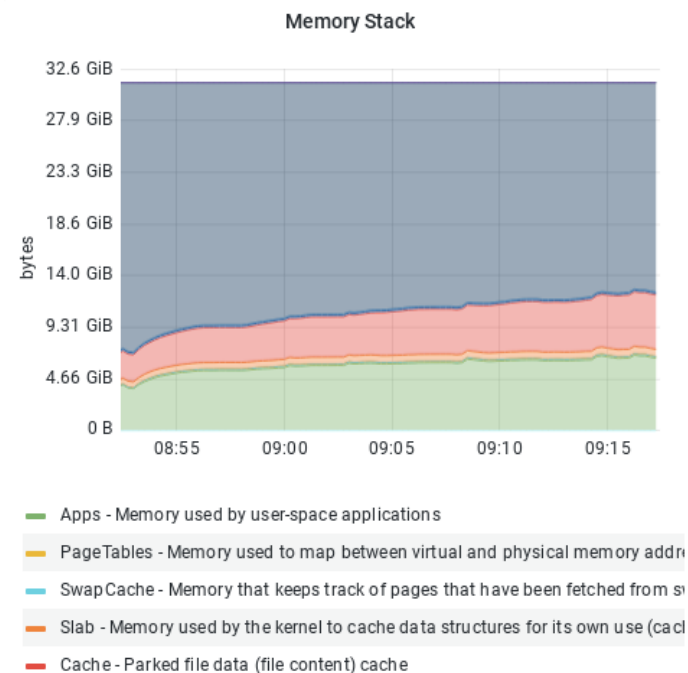
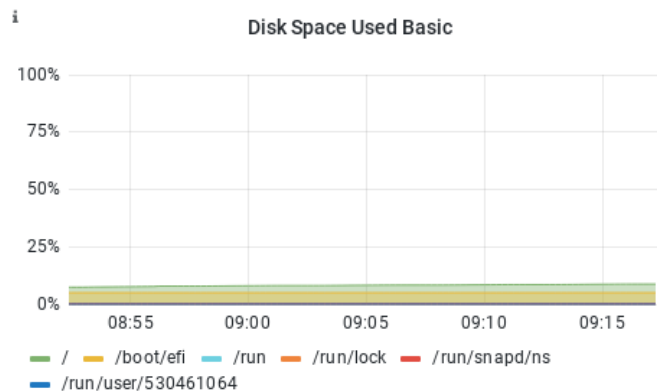
The dashboard visualizes host metrics collected by node_exporter. (based on: <https://grafana.com/grafana/dashboards/1860>)

Sun Feb 20 08:52:24 UTC 2022

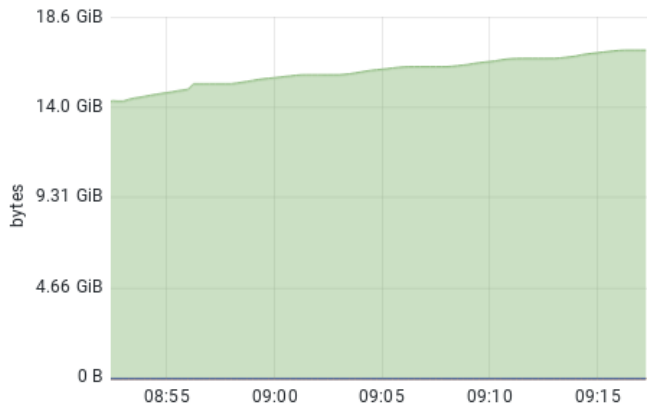
to

Sun Feb 20 09:17:26 UTC 2022



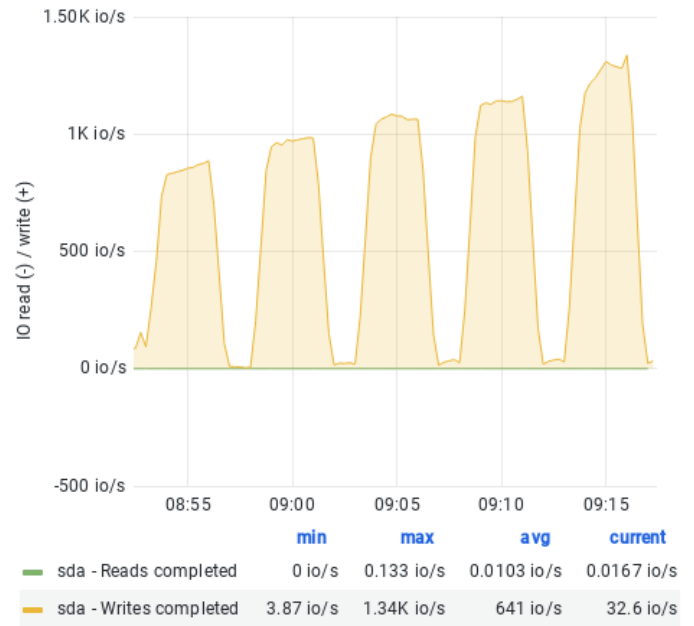


Disk Space Used

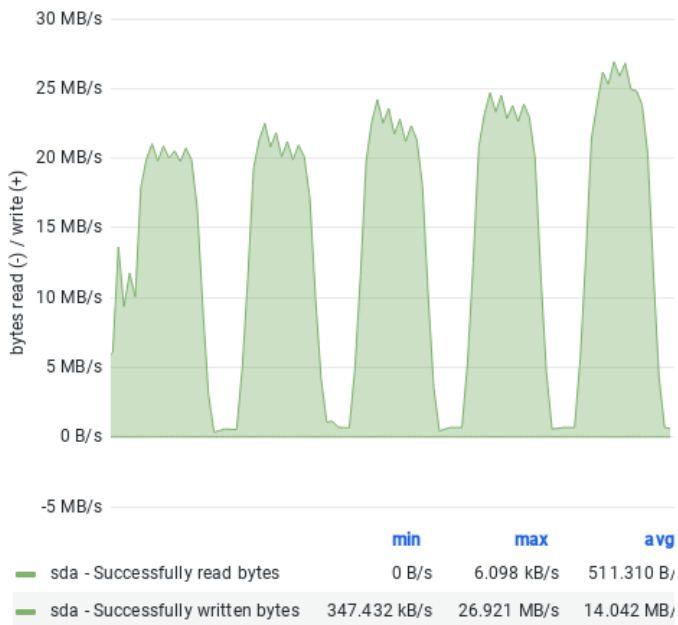


| | min | max | avg | current ^ |
|---------------------|-----------|-----------|-----------|-----------|
| /run/lock | 0 B | 0 B | 0 B | 0 B |
| /run/user/530461064 | 0 B | 4.000 KiB | 2.812 KiB | 4.000 KiB |
| /run | 4.207 MiB | 4.207 MiB | 4.207 MiB | 4.207 MiB |
| /run/snapd/ns | 4.207 MiB | 4.207 MiB | 4.207 MiB | 4.207 MiB |
| /boot/efi | 5.196 MiB | 5.196 MiB | 5.196 MiB | 5.196 MiB |

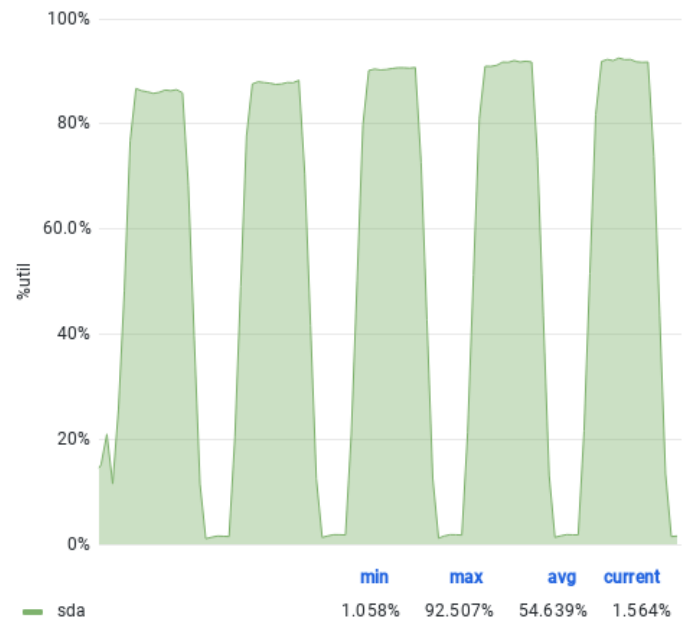
Disk IOps



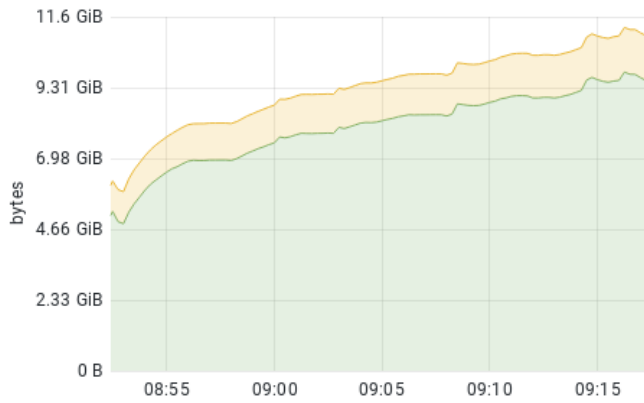
I/O Usage Read / Write



I/O Utilization

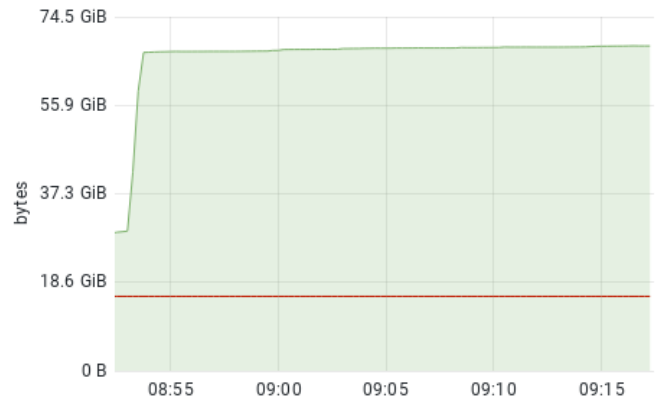


Memory Active / Inactive



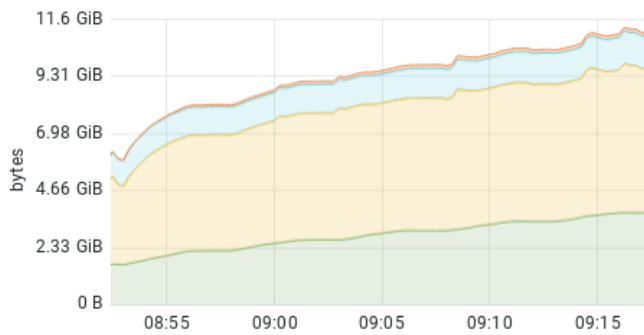
— Inactive - Memory which has been less recently used. It is more eligible to be re
 — Active - Memory that has been used more recently and usually not reclaimed u

Memory Committed



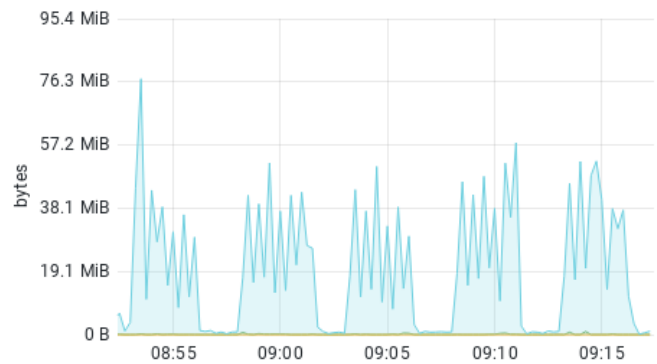
— Committed_AS - Amount of memory presently allocated on the system
 — CommitLimit - Amount of memory currently available to be allocated on the sy

Memory Active / Inactive Detail



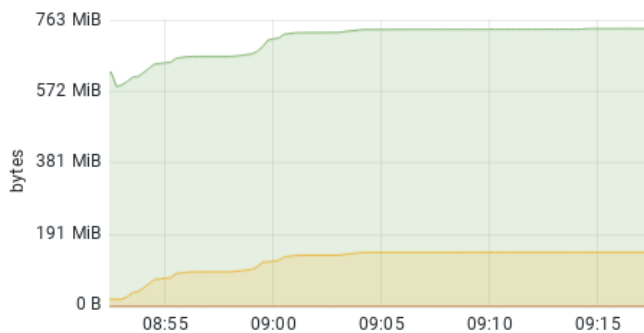
— Inactive_file - File-backed memory on inactive LRU list
 — Inactive_anon - Anonymous and swap cache on inactive LRU list, including tmp
 — Active_file - File-backed memory on active LRU list
 — Active_anon - Anonymous and swap cache on active least-recently-used (LRU)

Memory Writeback and Dirty



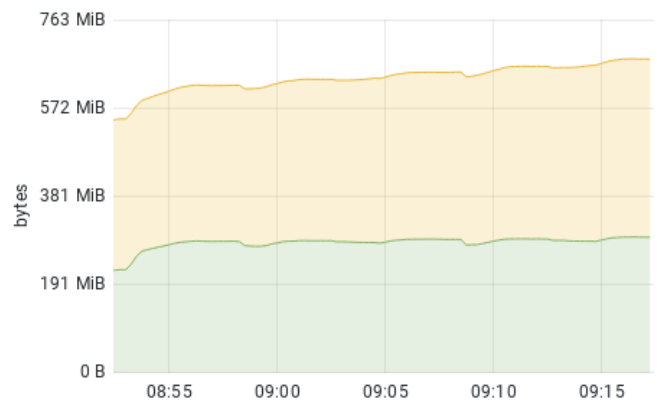
— Writeback - Memory which is actively being written back to disk
 — WritebackTmp - Memory used by FUSE for temporary writeback buffers
 — Dirty - Memory which is waiting to get written back to the disk

Memory Shared and Mapped



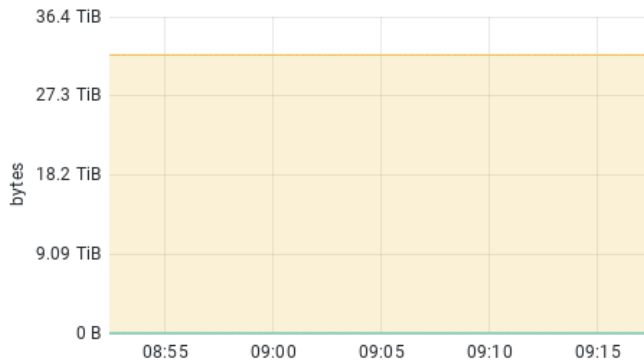
— Mapped - Used memory in mapped pages files which have been mmaped, such
 — Shmem - Used shared memory (shared between several processes, thus includ
 — ShmemHugePages - Memory used by shared memory (shmem) and tmpfs allc
 — ShmemPmdMapped - Ammount of shared (shmem/tmpfs) memory backed by

Memory Slab



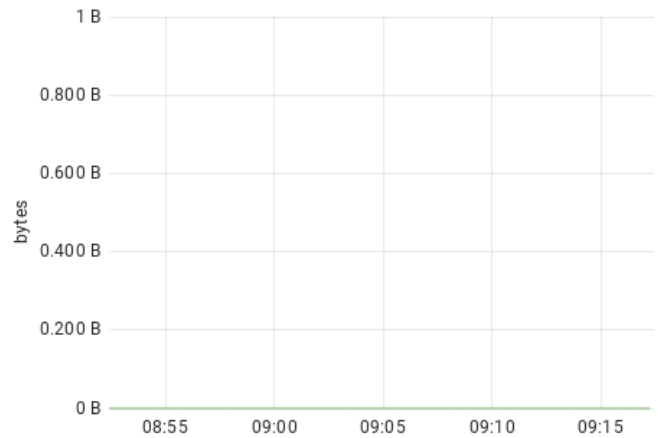
— SUnreclaim - Part of Slab, that cannot be reclaimed on memory pressure
 — SReclaimable - Part of Slab, that might be reclaimed, such as caches

Memory Vmalloc



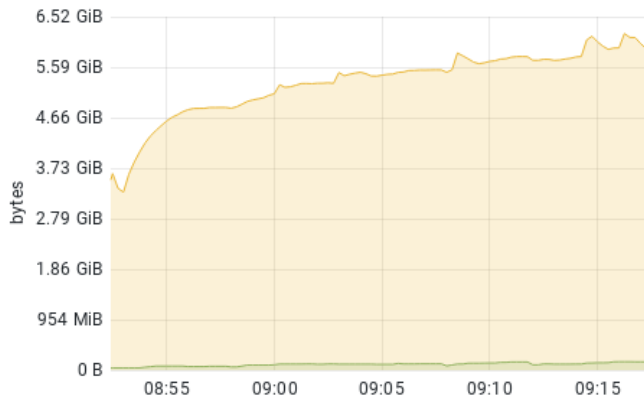
| | |
|---|------|
| VmallocChunk - Largest contiguous block of vmalloc area which is free | |
| VmallocTotal - Total size of vmalloc memory area | 32.0 |
| VmallocUsed - Amount of vmalloc area which is used | 70.2 |

Memory Bounce



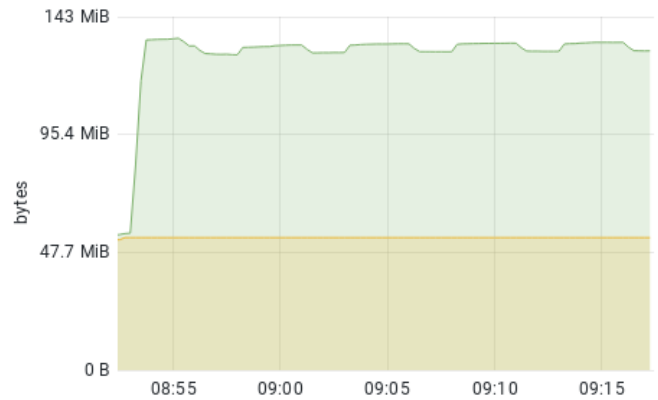
| | | | |
|--|-----|-----|-----|
| Bounce - Memory used for block device bounce buffers | 0 B | 0 B | 0 B |
|--|-----|-----|-----|

Memory Anonymous



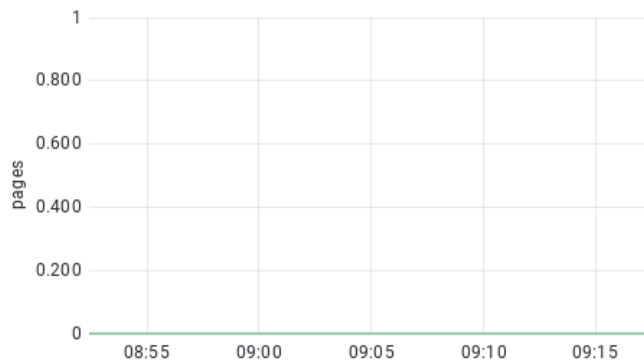
| | | |
|--|-----------|--------|
| AnonHugePages - Memory in anonymous huge pages | 42.00 MiB | 158.00 |
| AnonPages - Memory in user pages not backed by files | 3.28 GiB | 6.21 |

Memory Kernel / CPU



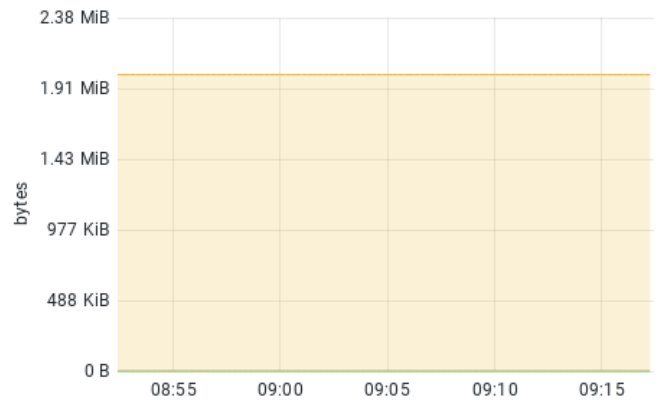
| | |
|---|------|
| KernelStack - Kernel memory stack. This is not reclaimable | 54.5 |
| PerCPU - Per CPU memory allocated dynamically by loadable modules | 52.7 |

Memory HugePages Counter



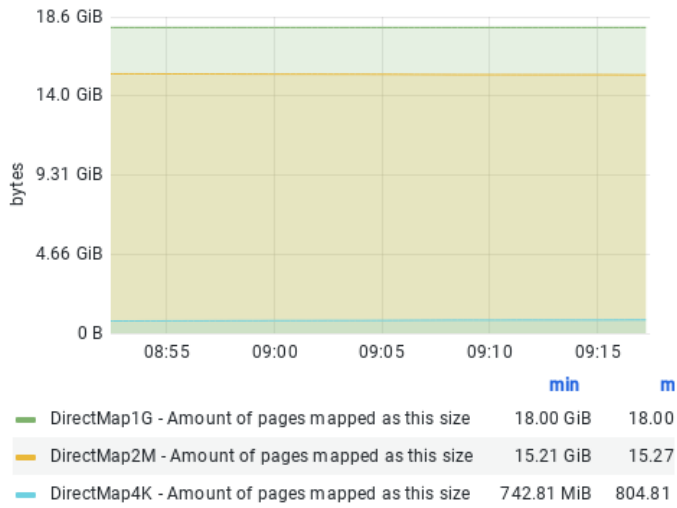
| | |
|--|--|
| HugePages_Free - Huge pages in the pool that are not yet allocated | |
| HugePages_Rsvd - Huge pages for which a commitment to allocate from the pool has been made | |
| HugePages_Surp - Huge pages in the pool above the value in /proc/sys/vm/nr_hugepages | |

Memory HugePages Size

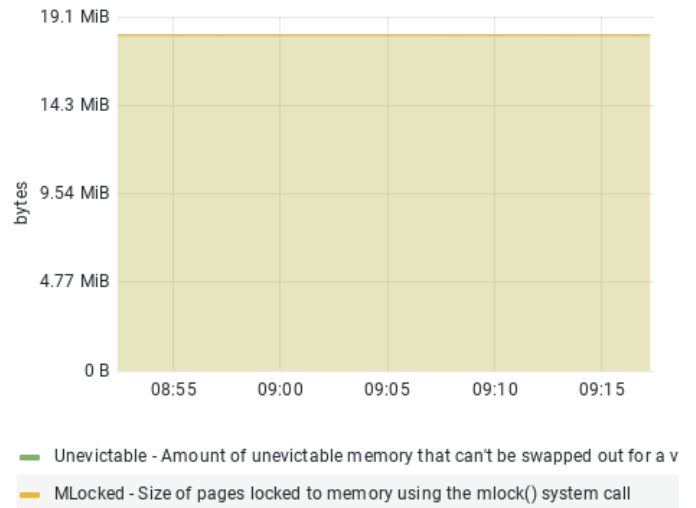


| | | |
|--|----------|----------|
| HugePages - Total size of the pool of huge pages | 0 B | 0 B |
| Hugepagesize - Huge Page size | 2.00 MiB | 2.00 MiB |

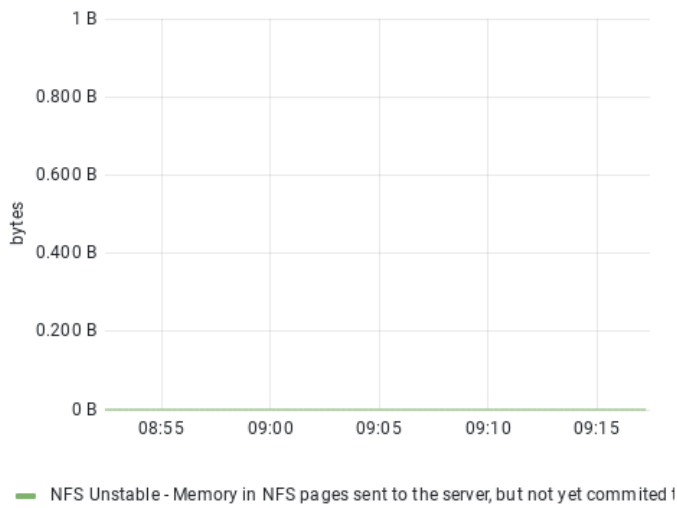
Memory DirectMap



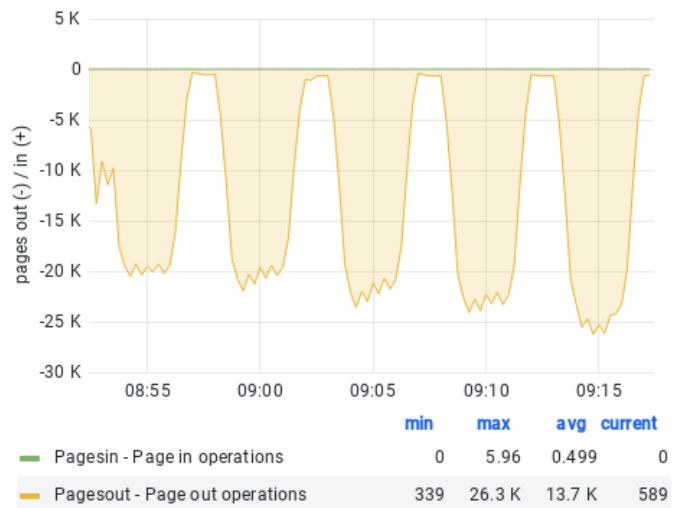
Memory Unevictable and MLocked



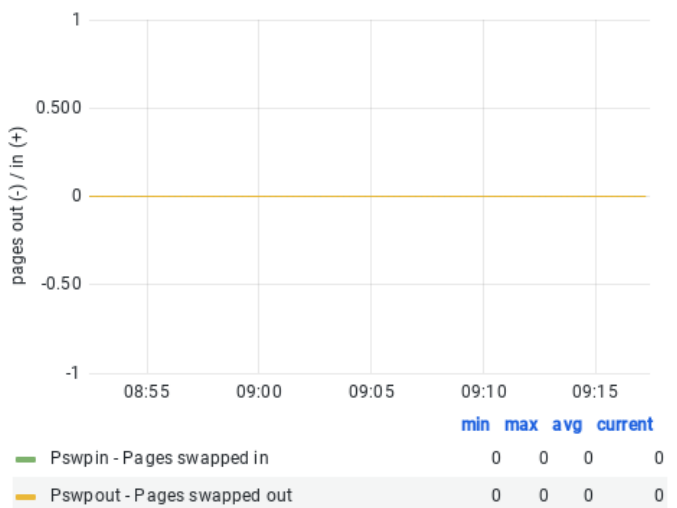
Memory NFS



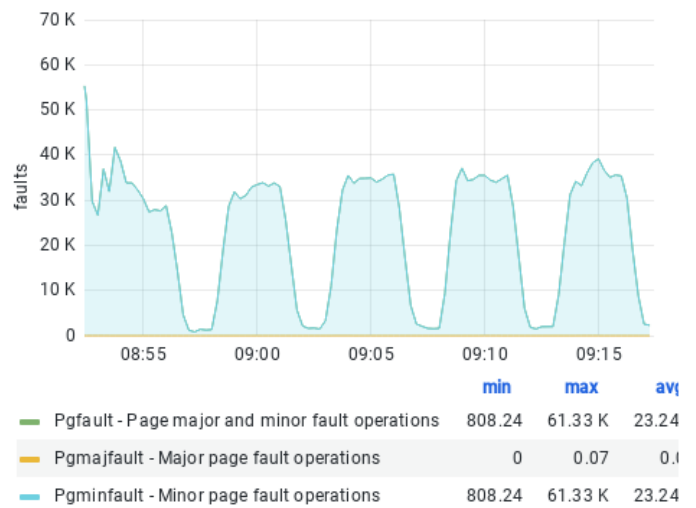
Memory Pages In / Out



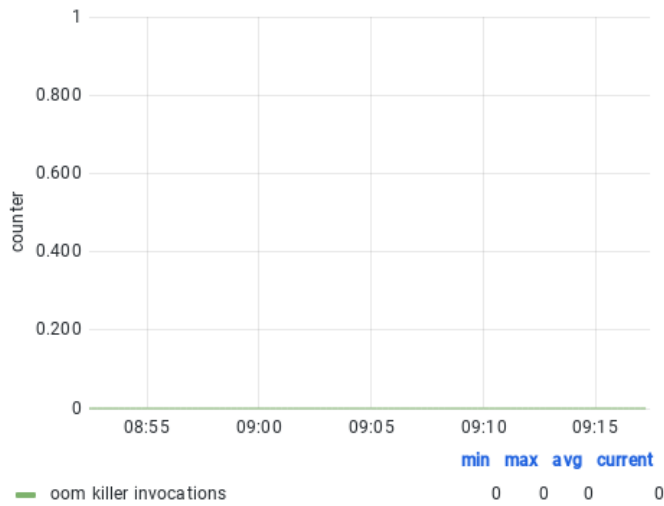
Memory Pages Swap In / Out



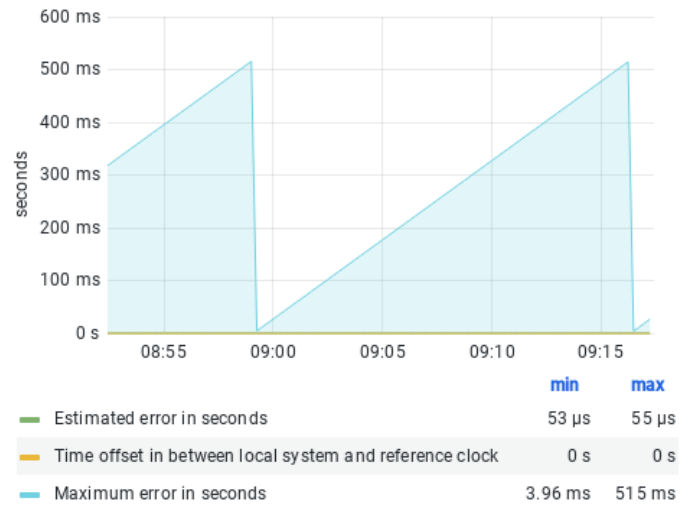
Memory Page Faults



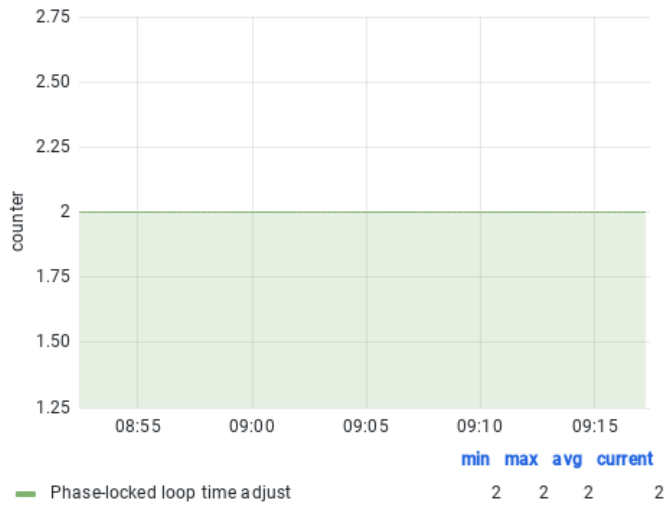
OOM Killer



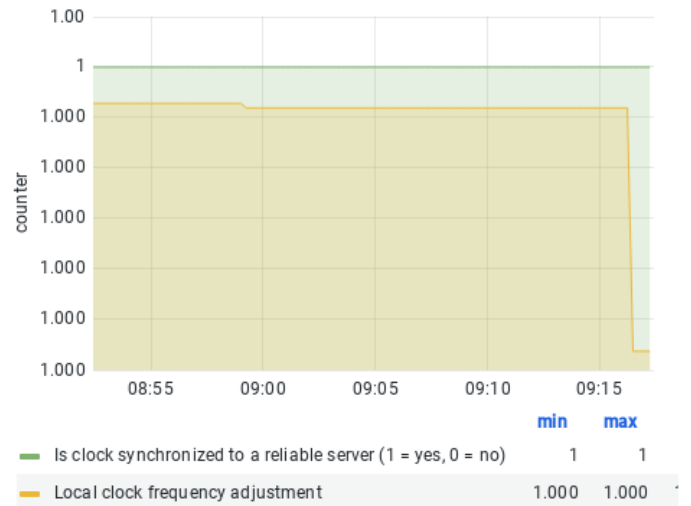
Time Synchronized Drift



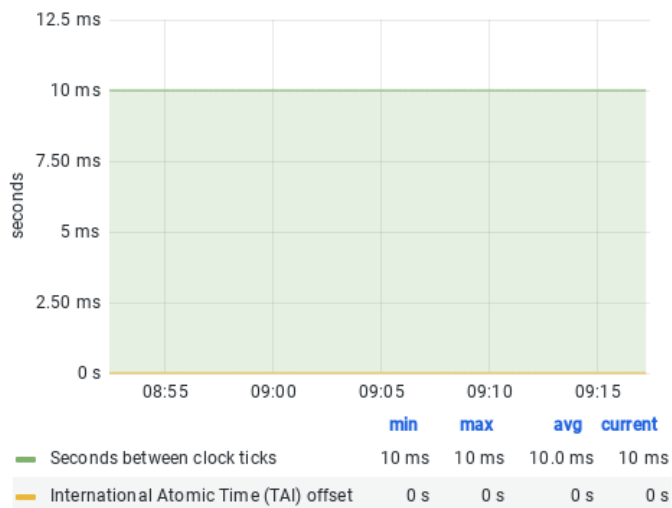
Time PLL Adjust



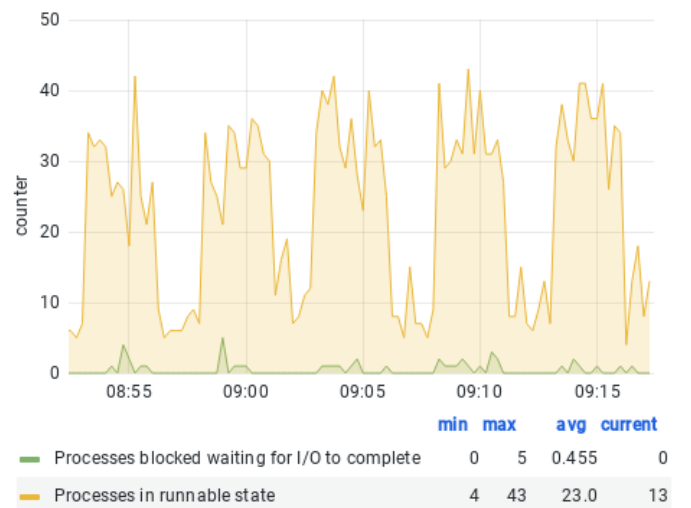
Time Synchronized Status

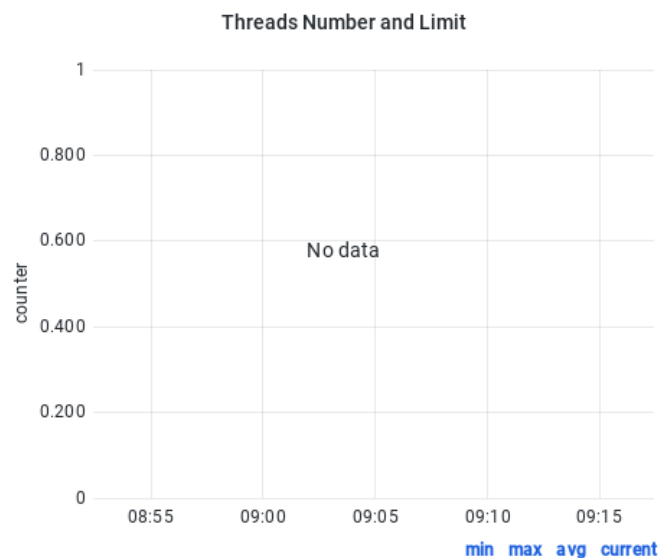
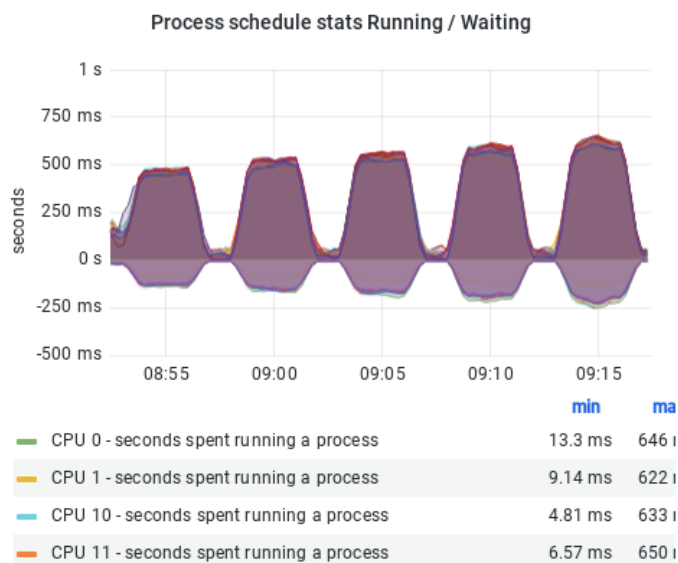
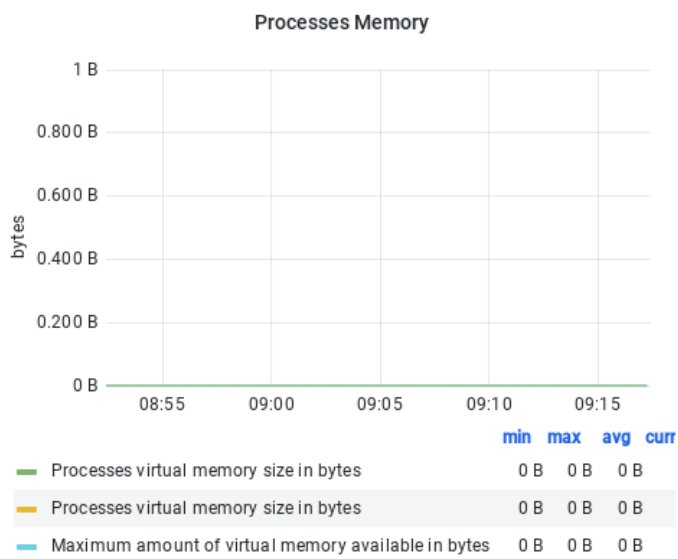
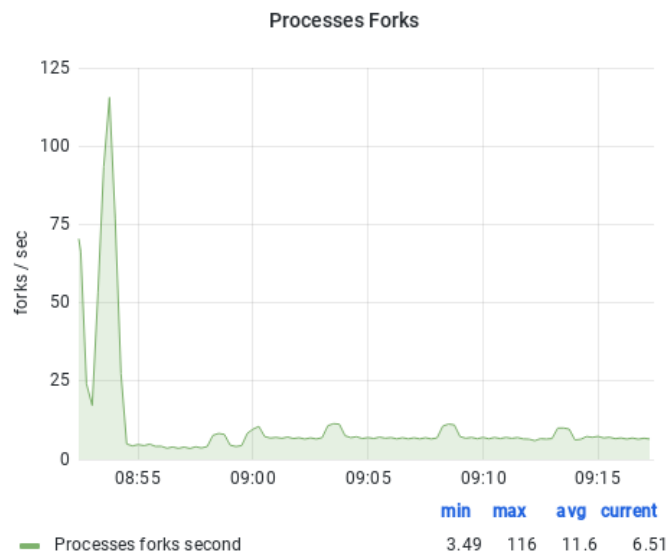
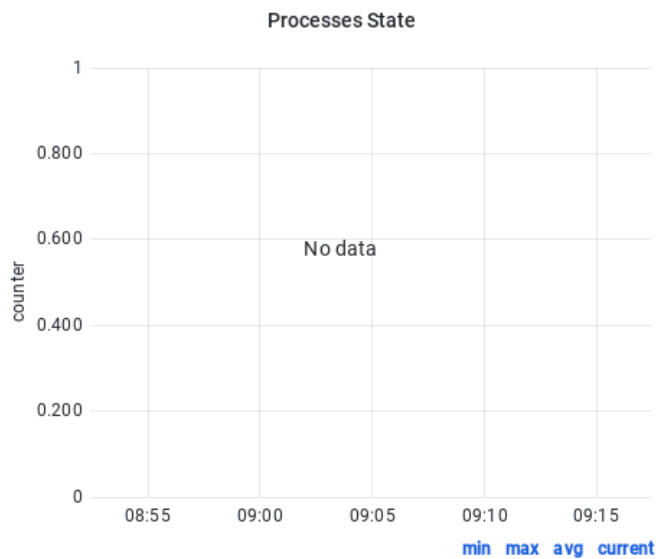


Time Misc

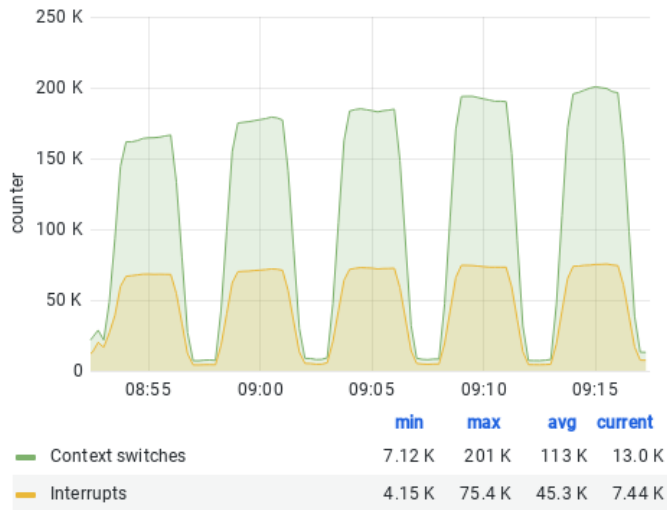


Processes Status

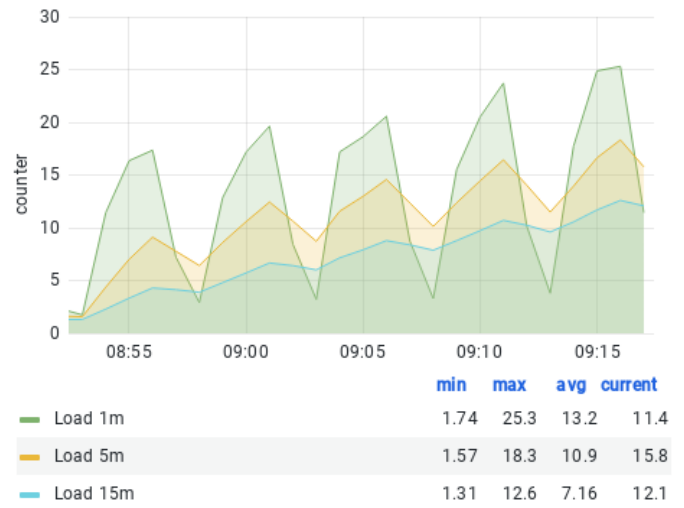




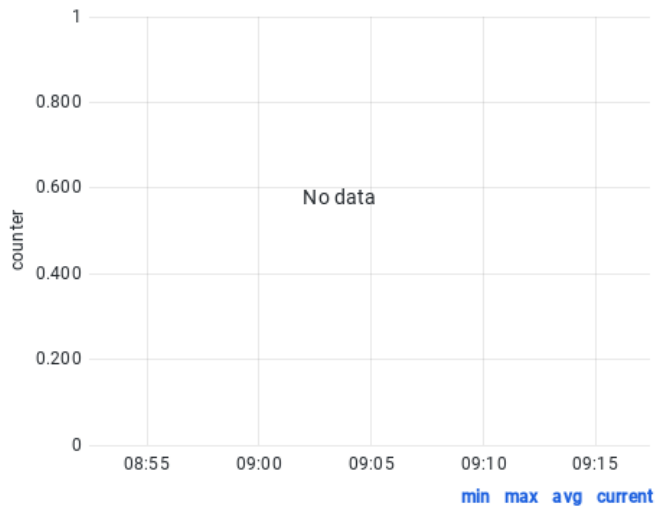
Context Switches / Interrupts



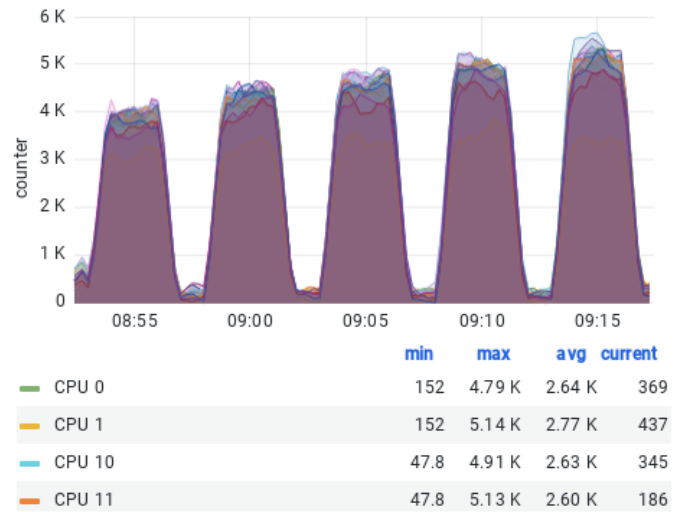
System Load



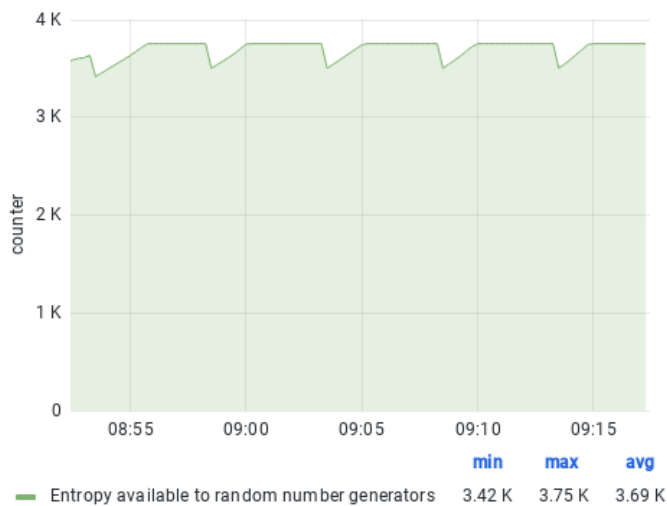
Interrupts Detail



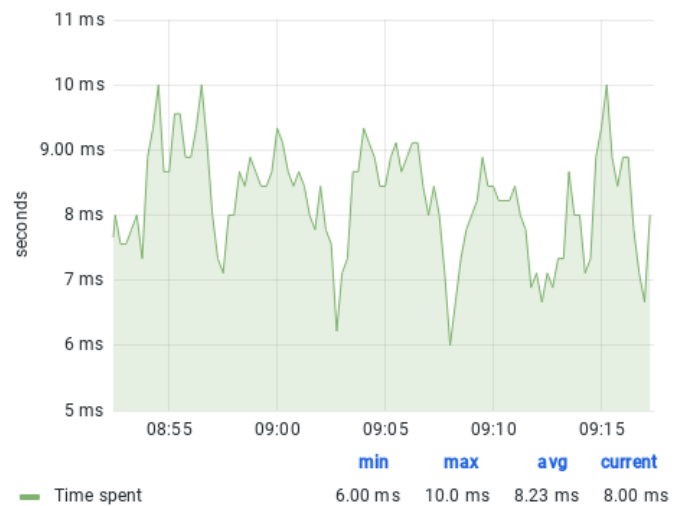
Schedule timeslices executed by each cpu



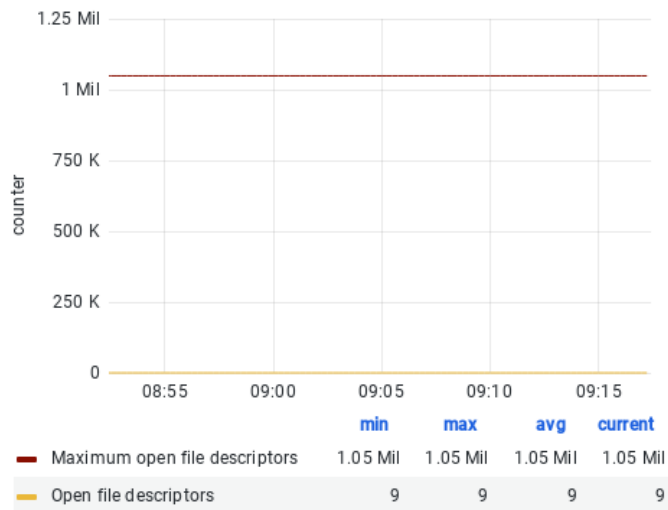
Entropy



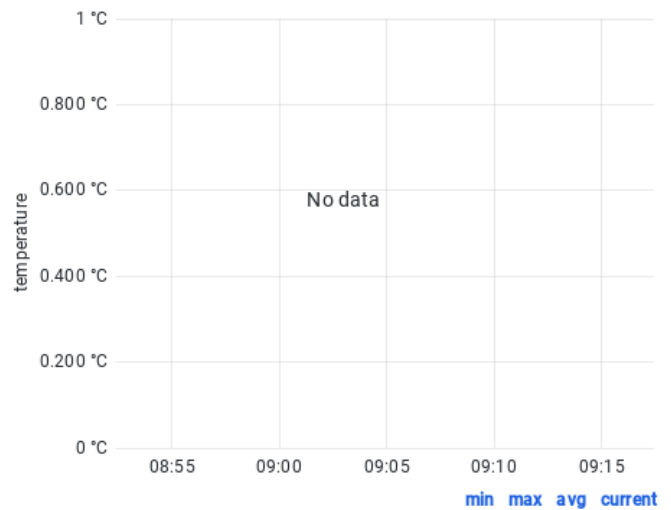
CPU time spent in user and system contexts



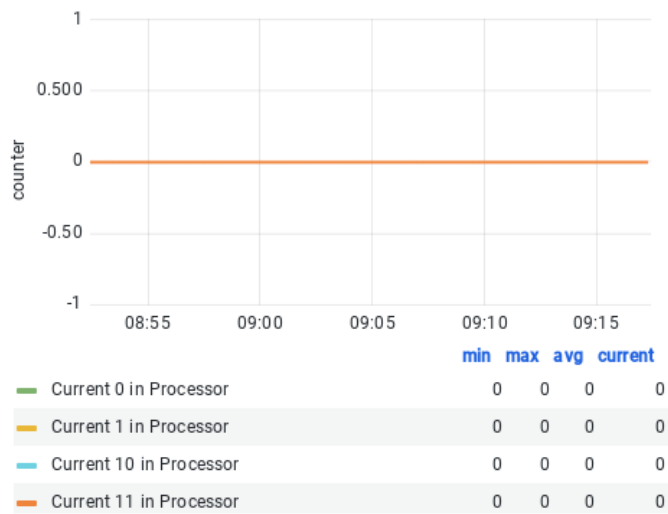
File Descriptors



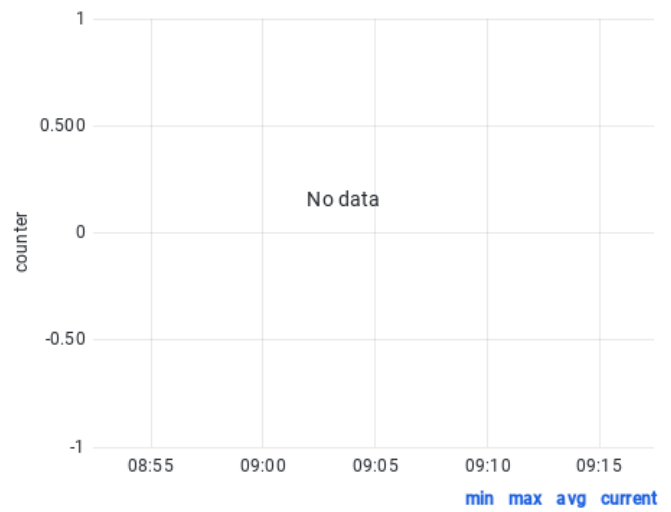
Hardware temperature monitor



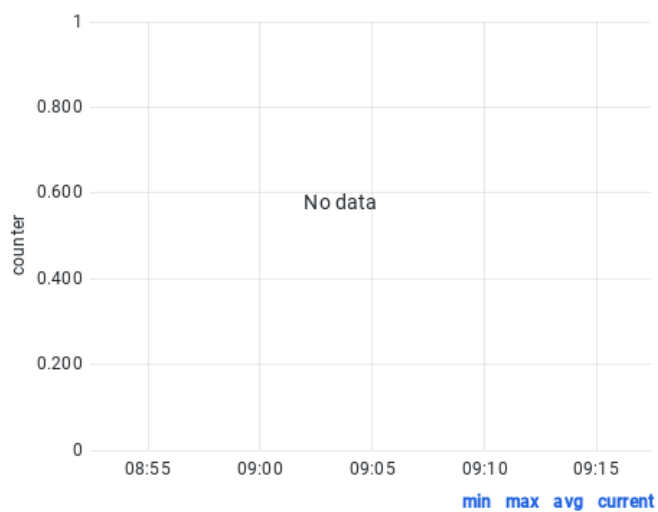
Throttle cooling device



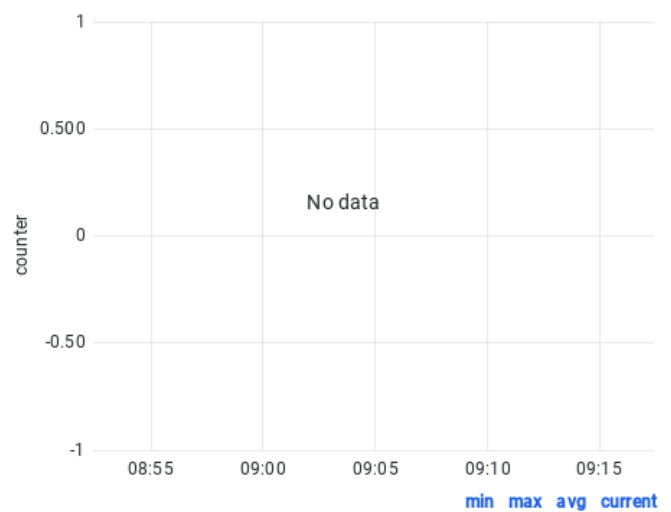
Power supply

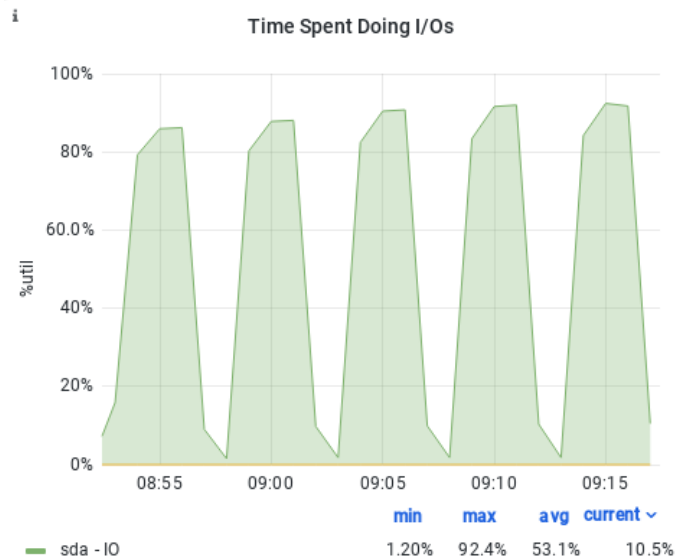
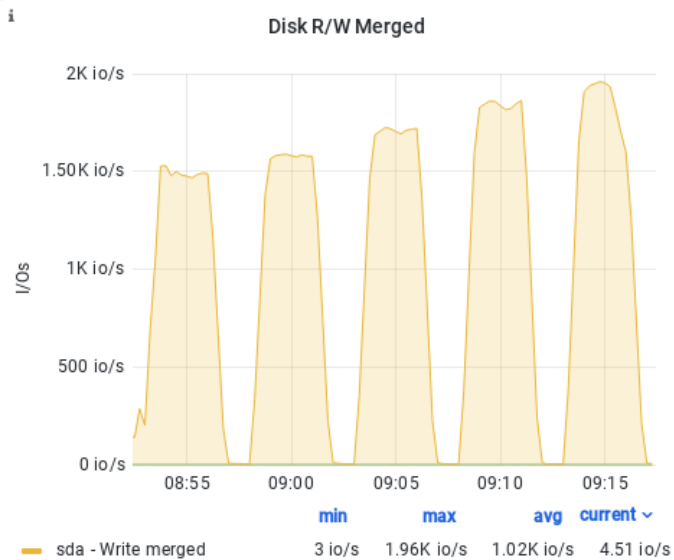
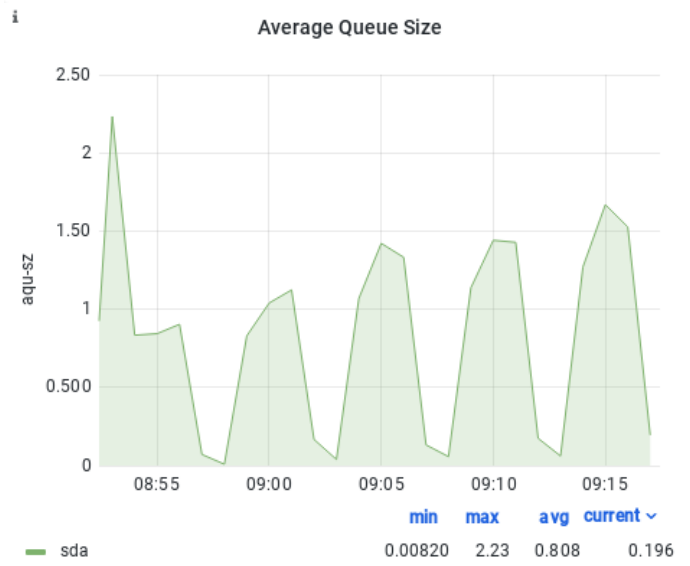
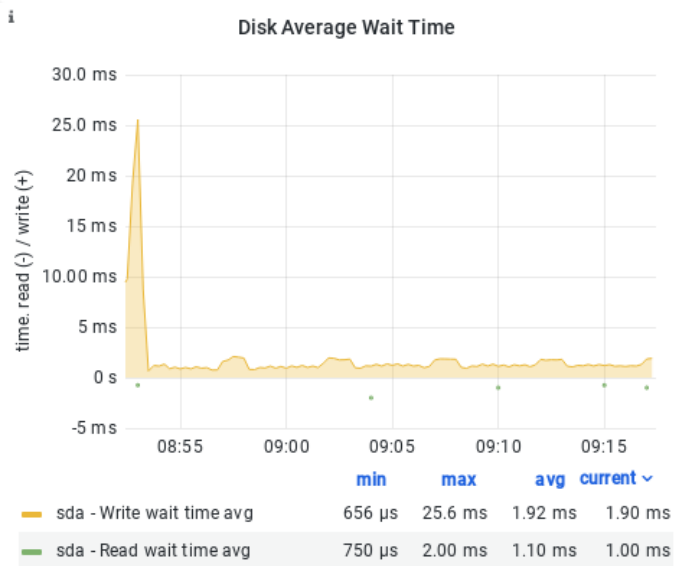
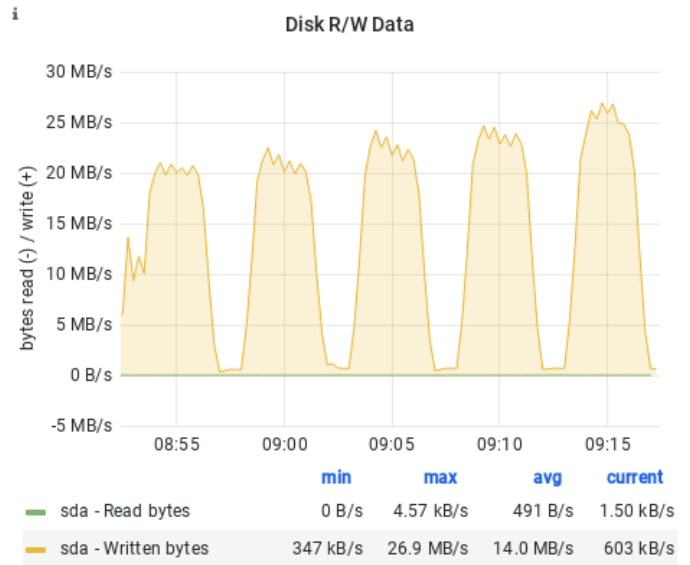
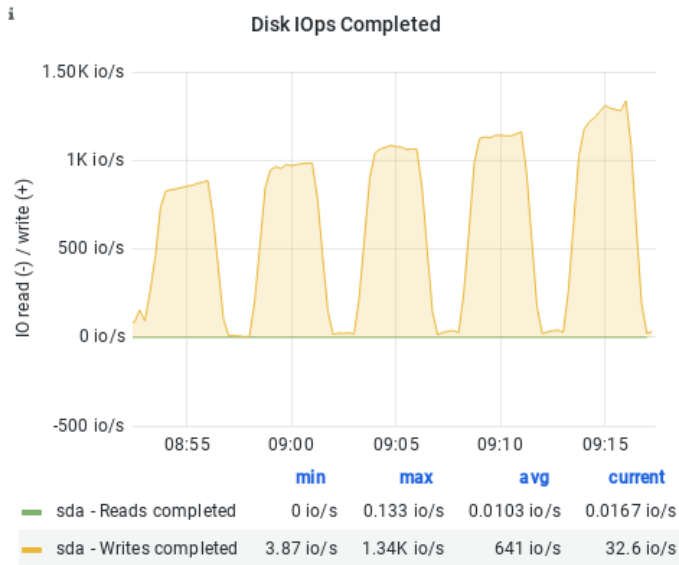


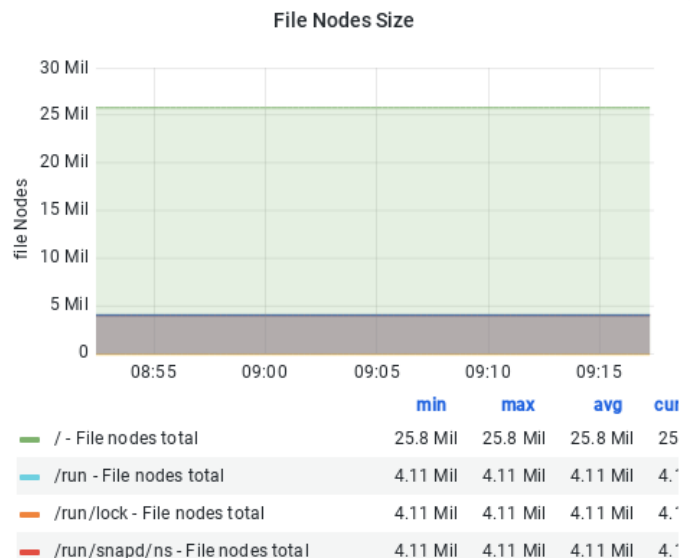
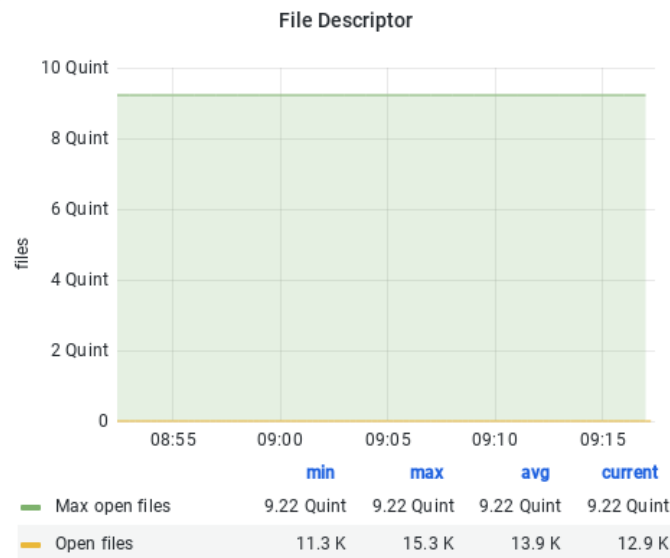
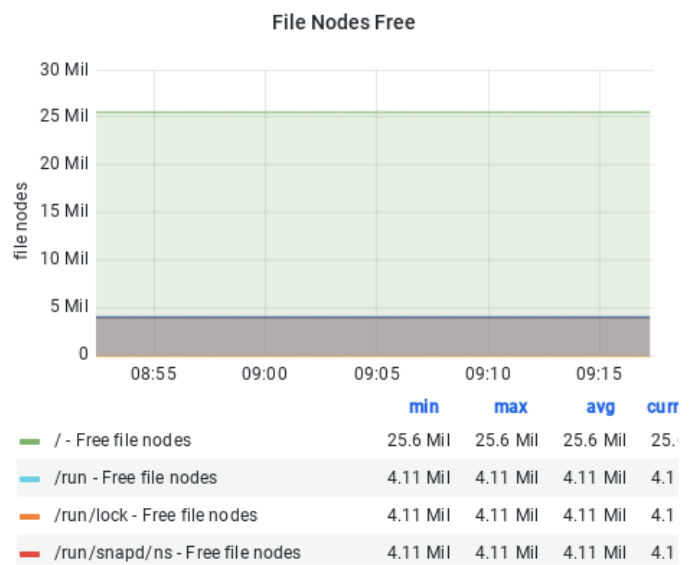
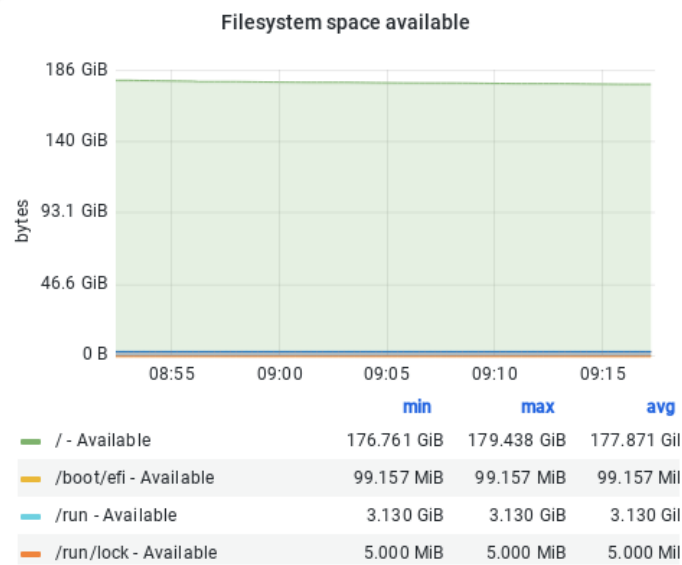
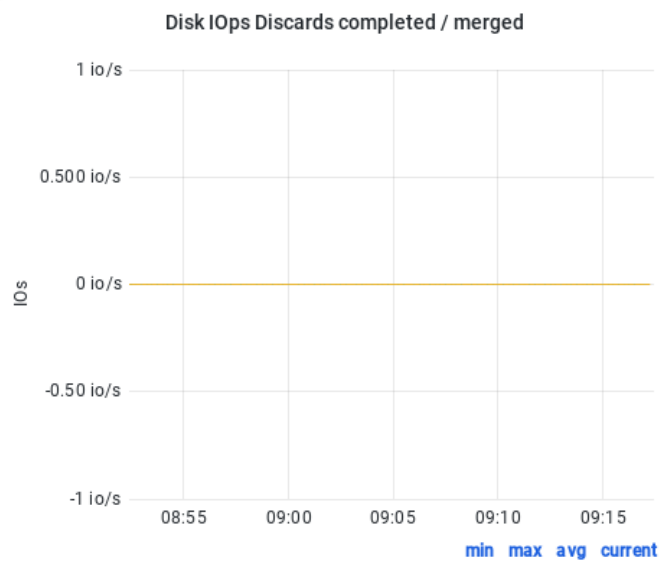
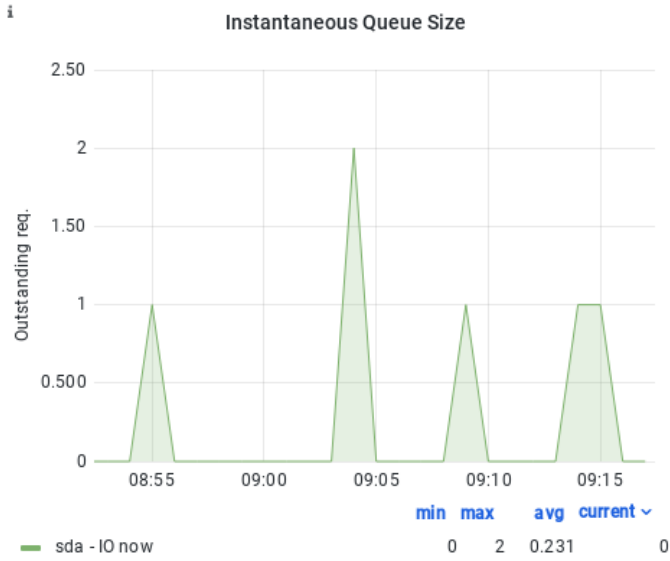
Systemd Sockets



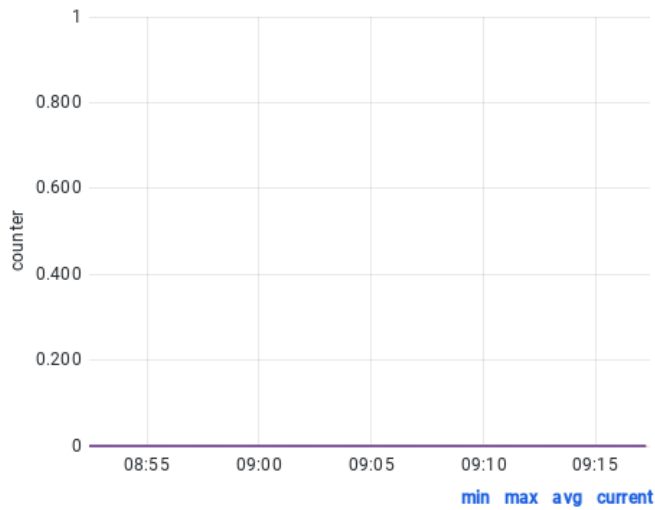
Systemd Units State



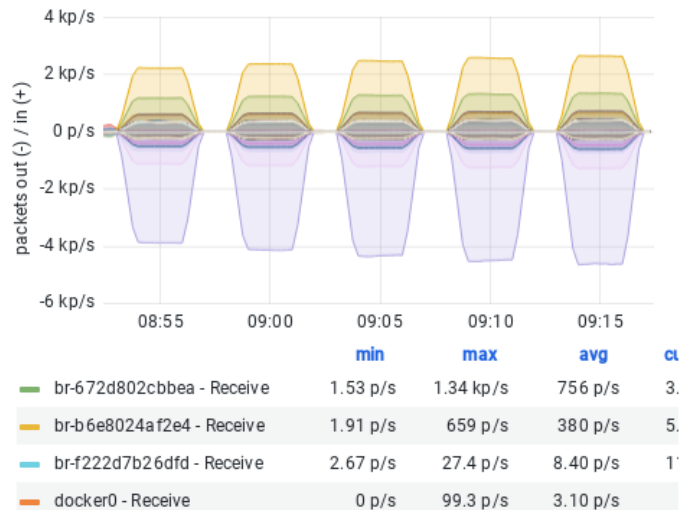




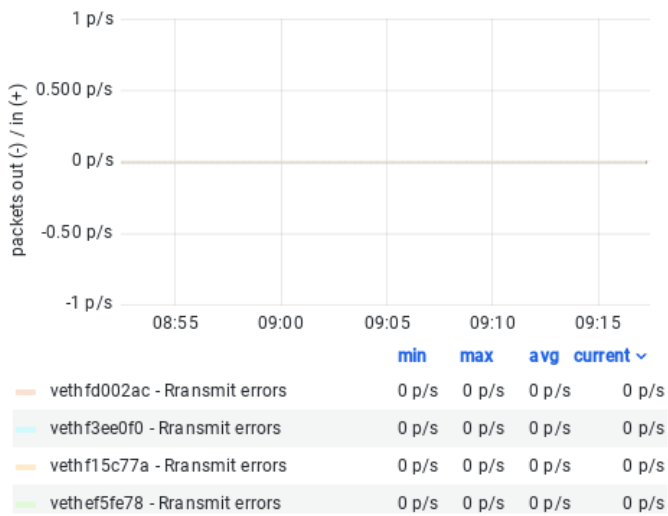
Filesystem in ReadOnly / Error



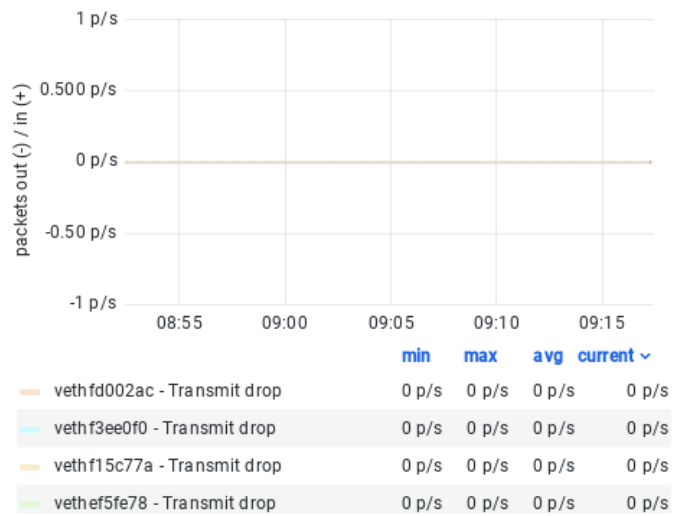
Network Traffic by Packets



Network Traffic Errors



Network Traffic Drop



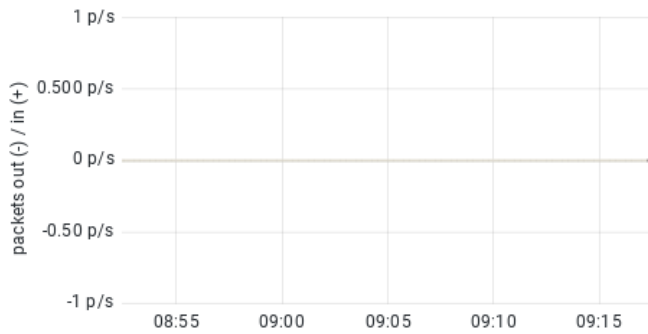
Network Traffic Compressed



Network Traffic Multicast

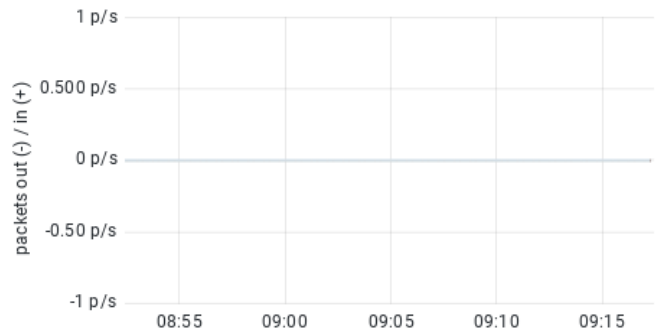


Network Traffic Fifo



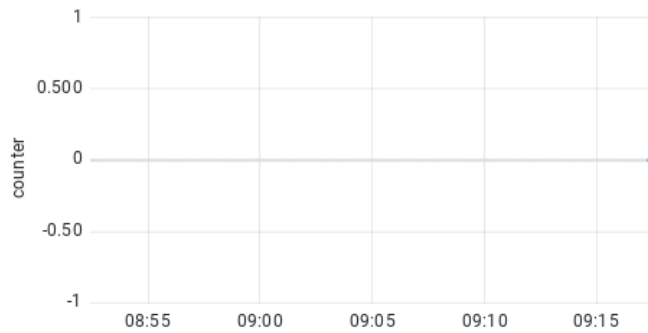
| | min | max | avg | current |
|-----------------------------|-------|-------|-------|---------|
| vethfd002ac - Transmit fifo | 0 p/s | 0 p/s | 0 p/s | 0 p/s |
| vethf3ee0f0 - Transmit fifo | 0 p/s | 0 p/s | 0 p/s | 0 p/s |
| vethf15c77a - Transmit fifo | 0 p/s | 0 p/s | 0 p/s | 0 p/s |
| vethef5fe78 - Transmit fifo | 0 p/s | 0 p/s | 0 p/s | 0 p/s |

Network Traffic Frame



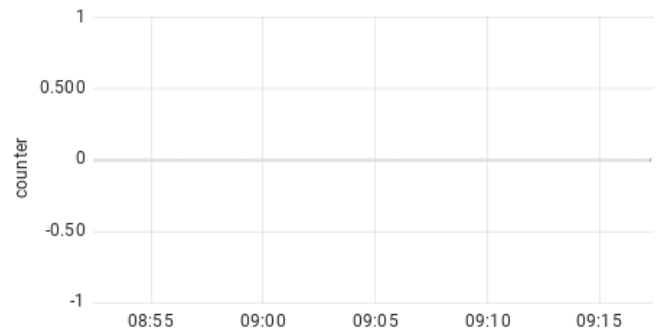
| | min | max | avg | current |
|-----------------------------|-------|-------|-------|---------|
| vethfd002ac - Receive frame | 0 p/s | 0 p/s | 0 p/s | 0 p/s |
| vethf3ee0f0 - Receive frame | 0 p/s | 0 p/s | 0 p/s | 0 p/s |
| vethf15c77a - Receive frame | 0 p/s | 0 p/s | 0 p/s | 0 p/s |
| vethef5fe78 - Receive frame | 0 p/s | 0 p/s | 0 p/s | 0 p/s |

Network Traffic Carrier



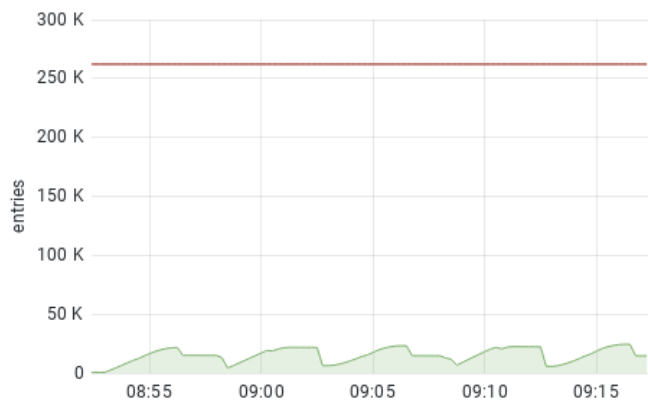
| | min | max | avg | current |
|--|-----|-----|-----|---------|
| vethfd002ac - Statistic transmit_carrier | 0 | 0 | 0 | 0 |
| vethf3ee0f0 - Statistic transmit_carrier | 0 | 0 | 0 | 0 |
| vethf15c77a - Statistic transmit_carrier | 0 | 0 | 0 | 0 |
| vethef5fe78 - Statistic transmit_carrier | 0 | 0 | 0 | 0 |

Network Traffic Colls



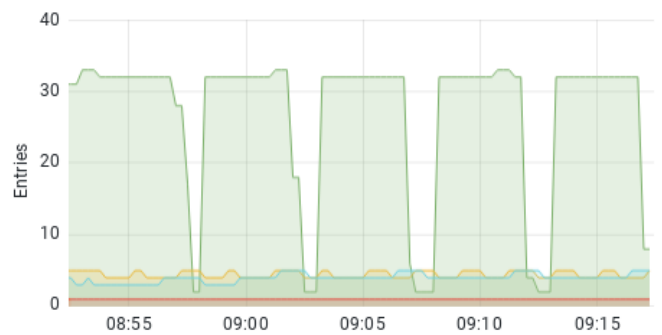
| | min | max | avg | current |
|------------------------------|-----|-----|-----|---------|
| vethfd002ac - Transmit colls | 0 | 0 | 0 | 0 |
| vethf3ee0f0 - Transmit colls | 0 | 0 | 0 | 0 |
| vethf15c77a - Transmit colls | 0 | 0 | 0 | 0 |
| vethef5fe78 - Transmit colls | 0 | 0 | 0 | 0 |

NF Contrack



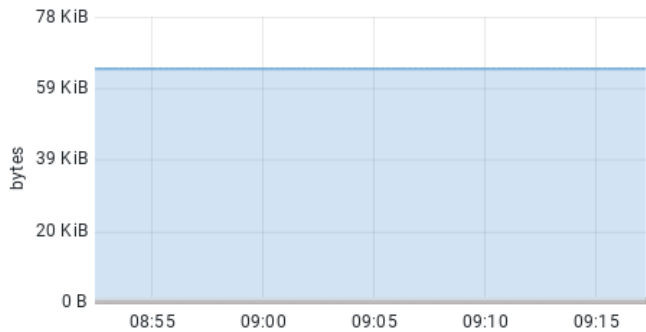
| | min | max | avg | current |
|----------------------|-------|--------|--------|---------|
| NF conntrack entries | 598 | 24.4 K | 15.0 K | 14.7 K |
| NF conntrack limit | 262 K | 262 K | 262 K | 262 K |

ARP Entries



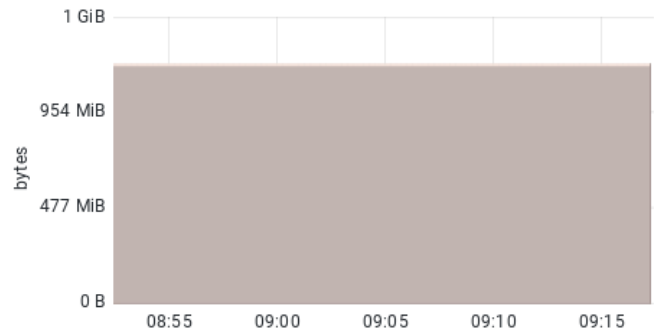
| | min | max | avg | current |
|-------------------------------|-----|-----|------|---------|
| br-672d802cbbca - ARP entries | 2 | 33 | 26.7 | 8 |
| br-b6e8024af2e4 - ARP entries | 4 | 5 | 4.47 | 5 |
| br-f222d7b26dfd - ARP entries | 3 | 5 | 3.99 | 5 |
| docker0 - ARP entries | 1 | 1 | 1 | 1 |

MTU



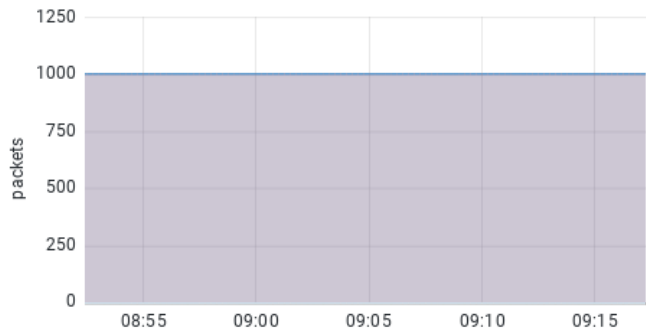
| | min | max | avg | current |
|-------------------------|---------|---------|---------|---------|
| br-672d802cbbea - Bytes | 1.5 KiB | 1.5 KiB | 1.5 KiB | 1.5 KiB |
| br-b6e8024af2e4 - Bytes | 1.5 KiB | 1.5 KiB | 1.5 KiB | 1.5 KiB |
| br-f222d7b26dfd - Bytes | 1.5 KiB | 1.5 KiB | 1.5 KiB | 1.5 KiB |
| docker0 - Bytes | 1.5 KiB | 1.5 KiB | 1.5 KiB | 1.5 KiB |

Speed



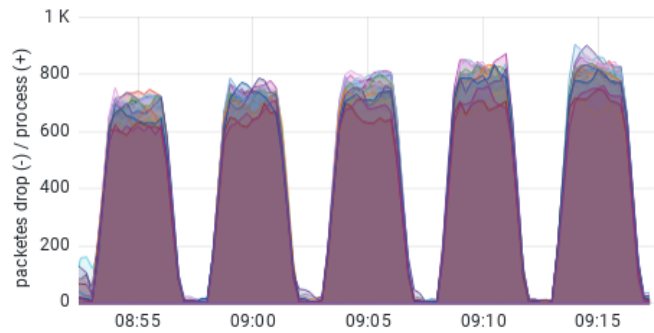
| | min | max | avg | current |
|-------------------------|------------|---------|----------|------------|
| br-672d802cbbea - Speed | 1.2 GiB | 1.2 GiB | 1.2 GiB | 1.2 GiB |
| br-b6e8024af2e4 - Speed | 1.2 GiB | 1.2 GiB | 1.2 GiB | 1.2 GiB |
| br-f222d7b26dfd - Speed | 1.2 GiB | 1.2 GiB | 1.2 GiB | 1.2 GiB |
| docker0 - Speed | -122.1 KiB | 1.2 GiB | 23.5 MiB | -122.1 KiB |

Queue Length



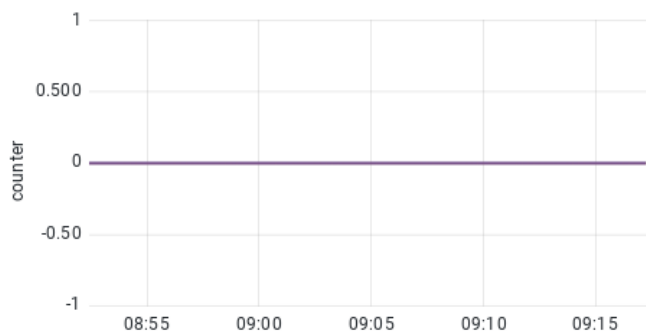
| | min | max | avg | current |
|---|-----|-----|-----|---------|
| br-672d802cbbea - Interface transmit queue length | 0 | 0 | 0 | 0 |
| br-b6e8024af2e4 - Interface transmit queue length | 0 | 0 | 0 | 0 |
| br-f222d7b26dfd - Interface transmit queue length | 0 | 0 | 0 | 0 |
| docker0 - Interface transmit queue length | 0 | 0 | 0 | 0 |

Softnet Packets



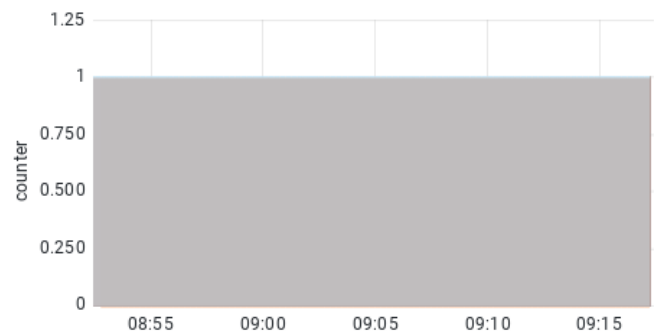
| | min | max | avg | current |
|--------------------|-------|-----|-----|---------|
| CPU 3 - Processed | 6.98 | 792 | 447 | 37.8 |
| CPU 9 - Processed | 1.27 | 831 | 458 | 28.6 |
| CPU 30 - Processed | 0.467 | 837 | 456 | 23.0 |
| CPU 4 - Processed | 3.33 | 824 | 446 | 20.8 |

Softnet Out of Quota



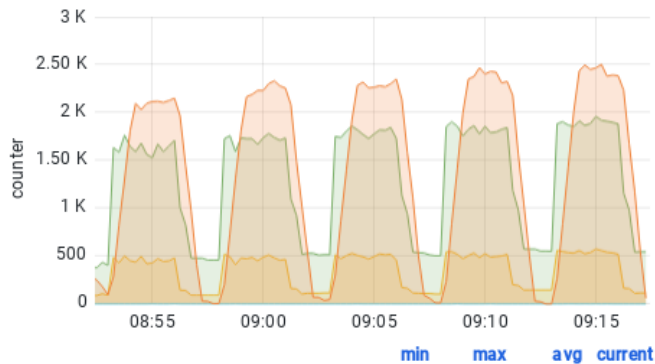
| | min | max | avg | current |
|------------------|-----|-----|-----|---------|
| CPU 9 - Squeezed | 0 | 0 | 0 | 0 |
| CPU 8 - Squeezed | 0 | 0 | 0 | 0 |
| CPU 7 - Squeezed | 0 | 0 | 0 | 0 |
| CPU 6 - Squeezed | 0 | 0 | 0 | 0 |

Network Operational Status



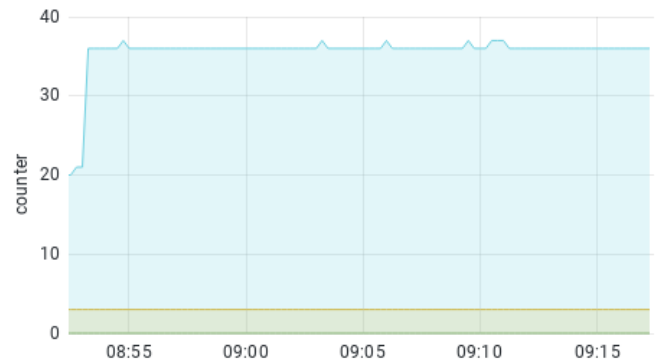
| | min | max | avg | current |
|-----------------------------------|-----|-----|-----|---------|
| vethfd002ac - Physical link state | 1 | 1 | 1 | 1 |
| vethf3ee0f0 - Physical link state | 1 | 1 | 1 | 1 |
| vethf15c77a - Physical link state | 1 | 1 | 1 | 1 |
| vethef5fe78 - Physical link state | 1 | 1 | 1 | 1 |

Sockstat TCP



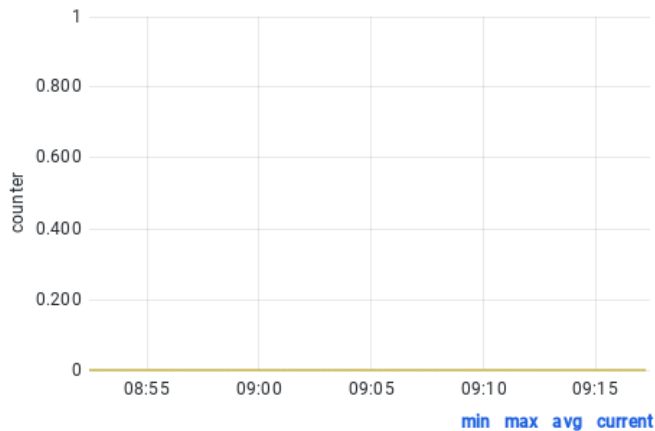
| | min | max | avg | current |
|--|-----|--------|--------|---------|
| TCP_alloc - Allocated sockets | 380 | 1.96 K | 1.31 K | 545 |
| TCP_inuse - Tcp sockets currently in use | 90 | 574 | 347 | 116 |
| TCP_orphan - Orphan sockets | 0 | 2 | 0.129 | 0 |
| TCP_tw - Sockets waiting close | 0 | 2.50 K | 1.40 K | 62 |

Sockstat UDP



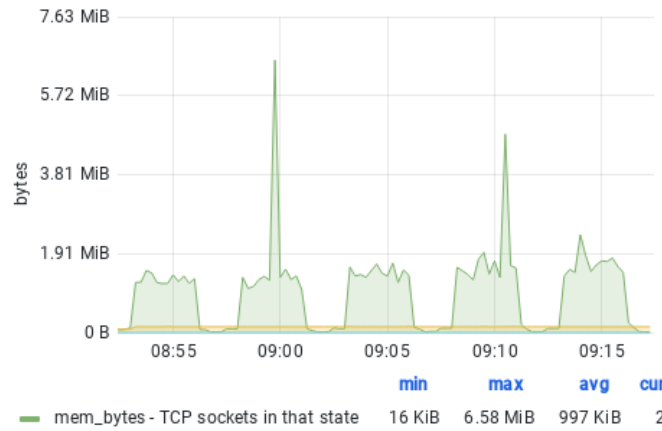
| | min | max | avg | current |
|--|-----|-----|------|---------|
| UDPLITE_inuse - Udp sockets currently in use | 0 | 0 | 0 | 0 |
| UDP_inuse - Udp sockets currently in use | 3 | 3 | 3 | 3 |
| UDP_mem - Used memory for udp | 20 | 37 | 35.5 | 36 |

Sockstat FRAG / RAW



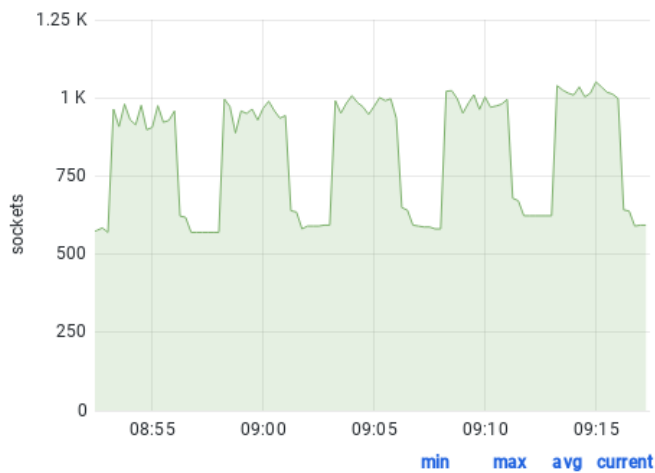
| | min | max | avg | current |
|--|-----|-----|-----|---------|
| FRAG_inuse - Frag sockets currently in use | 0 | 0 | 0 | 0 |
| RAW_inuse - Raw sockets currently in use | 0 | 0 | 0 | 0 |

Sockstat Memory Size



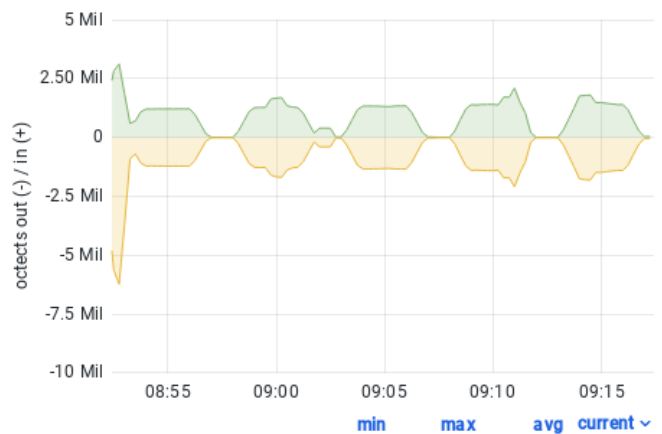
| | min | max | avg | current |
|---------------------------------------|--------|----------|---------|---------|
| mem_bytes - TCP sockets in that state | 16 KiB | 6.58 MiB | 997 KiB | 20 |
| mem_bytes - UDP sockets in that state | 80 KiB | 148 KiB | 142 KiB | 144 |
| FRAG_memory - Used memory for frag | 0 B | 0 B | 0 B | |

Sockstat Used



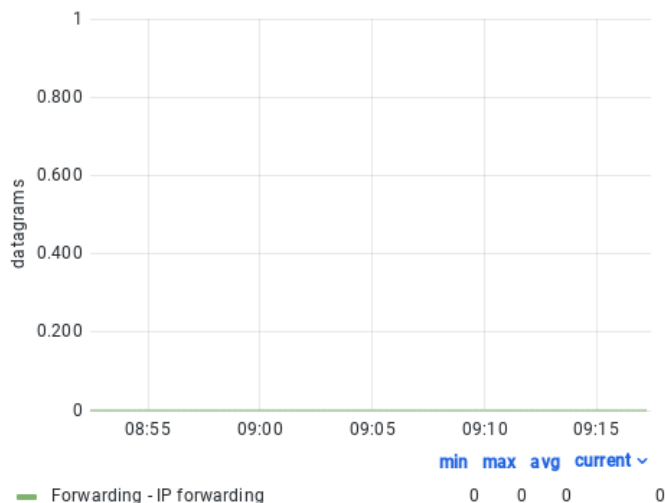
| | min | max | avg | current |
|---|-----|--------|-----|---------|
| Sockets_used - Sockets currently in use | 570 | 1.05 K | 825 | 593 |

Netstat IP In / Out Octets



| | min | max | avg | current |
|----------------------------|--------|----------|----------|---------|
| OutOctets - Sent octets | 5.79 K | 6.23 Mil | 1.05 Mil | 44.3 K |
| InOctets - Received octets | 4.35 K | 3.12 Mil | 950 K | 42.4 K |

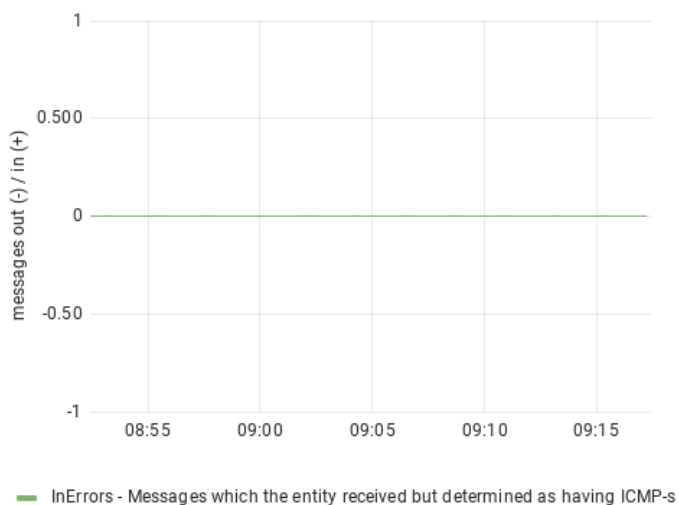
Netstat IP Forwarding



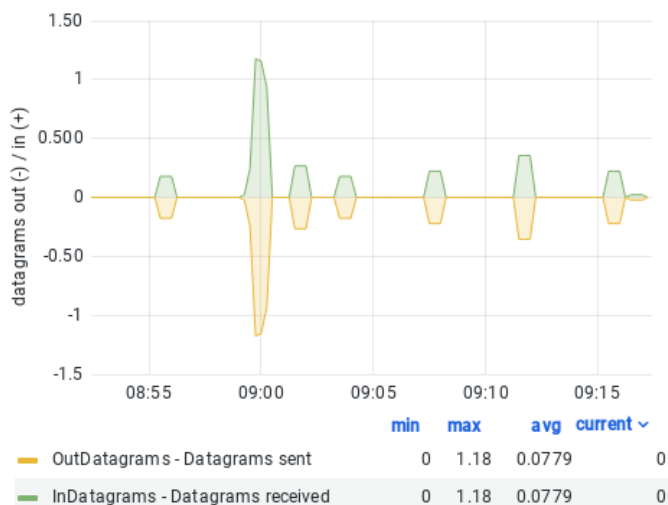
ICMP In / Out



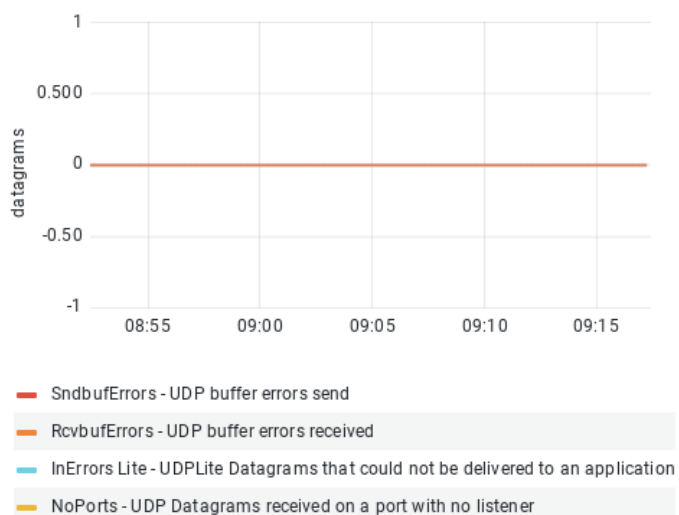
ICMP Errors



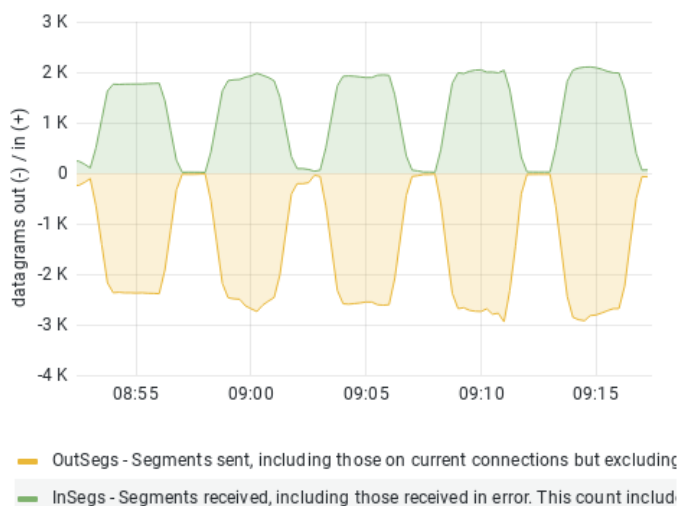
UDP In / Out



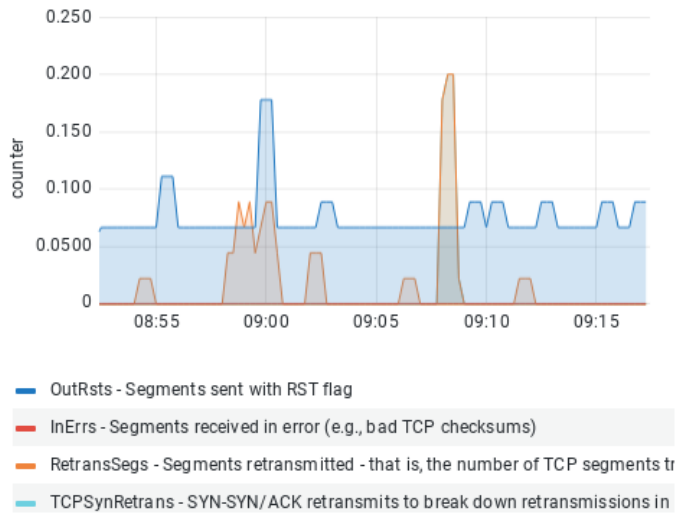
UDP Errors



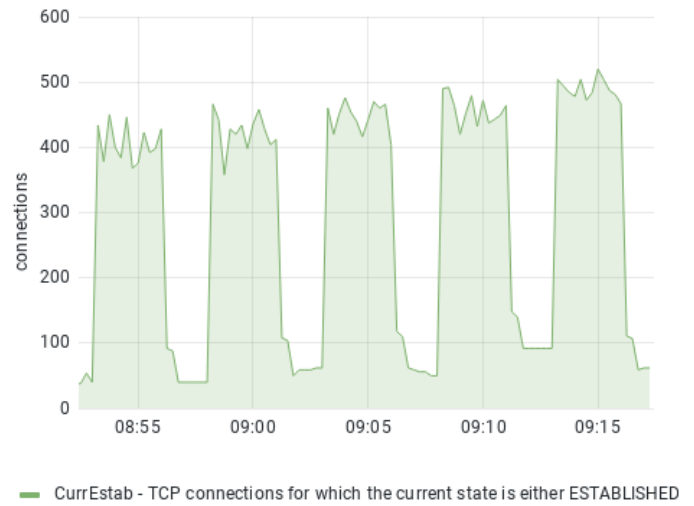
TCP In / Out



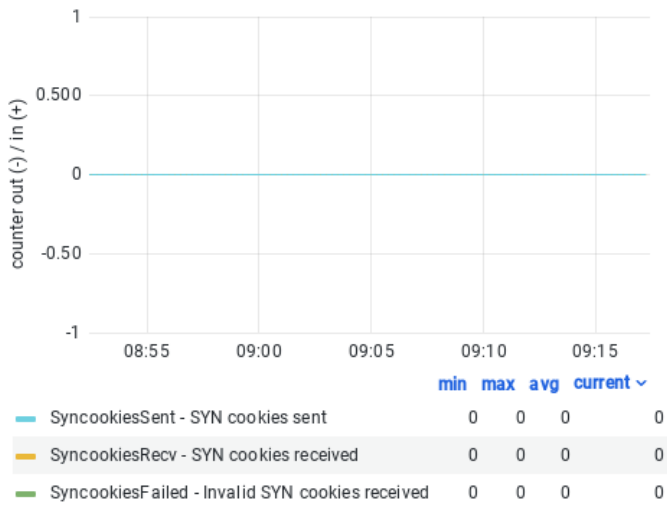
TCP Errors



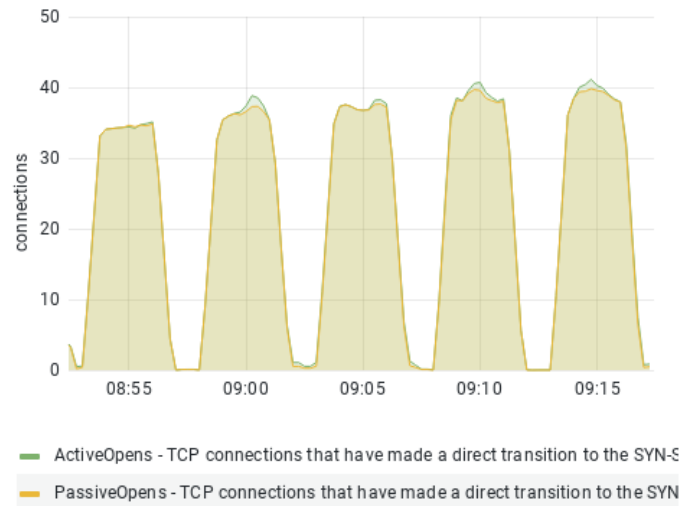
TCP Connections



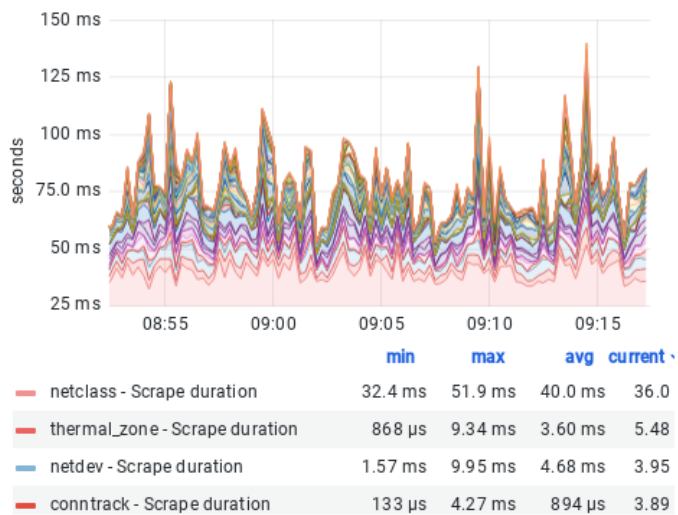
TCP SynCookie



TCP Direct Transition



Node Exporter Scrape Time



Node Exporter Scrape

