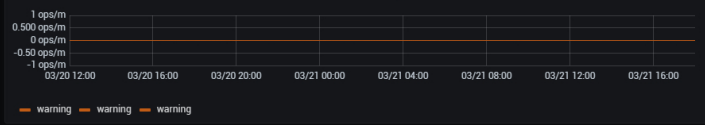
General / Cilium v1.12 Agent Metrics

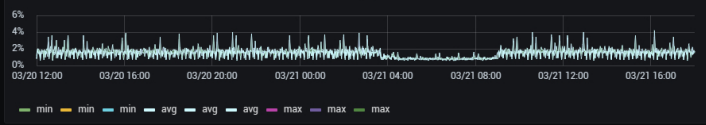
2023-03-20 12:00:00 to 2023-03-21 18:00:00 UTC

pod All

Errors & Warnings

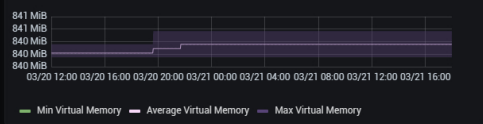


CPU Usage per node



Generic

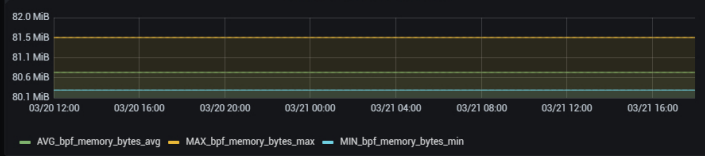
Virtual Memory Bytes



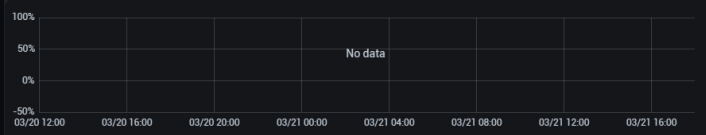
Resident memory status

Open file descriptors

System-wide BPF memory usage

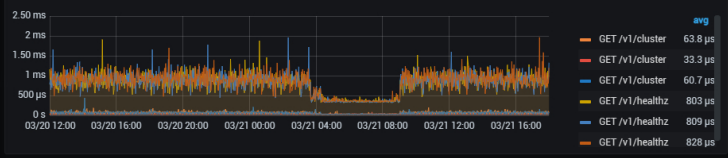


BPF map pressure

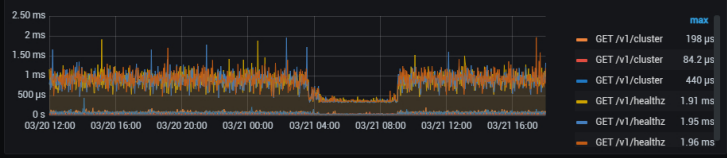


API

API call latency (average node)



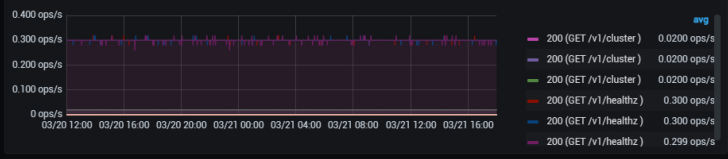
API call latency (max node)



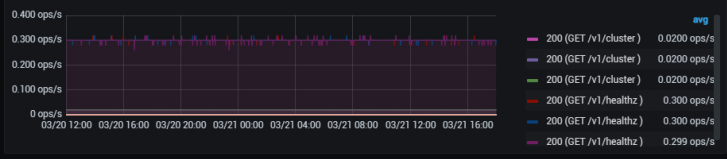
API calls (average node)

API calls (max node)

API return codes (average node)



API return codes (sum all nodes)



Cilium

BPF

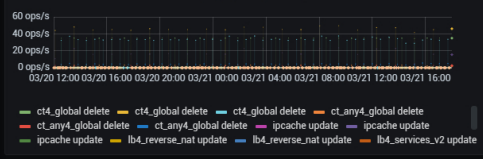
system calls (average node)

system calls (max node)

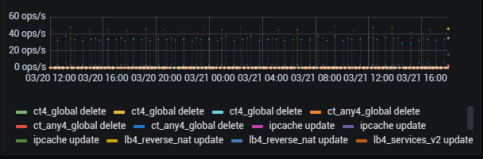
system call latency (avg node)

system call latency (max node)

map ops (average node)



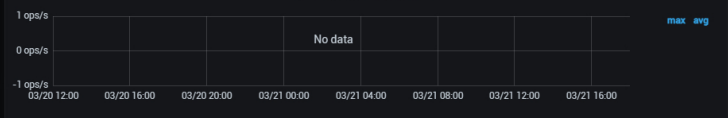
map ops (max node)



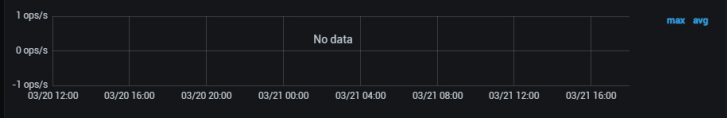
map ops (sum failures)

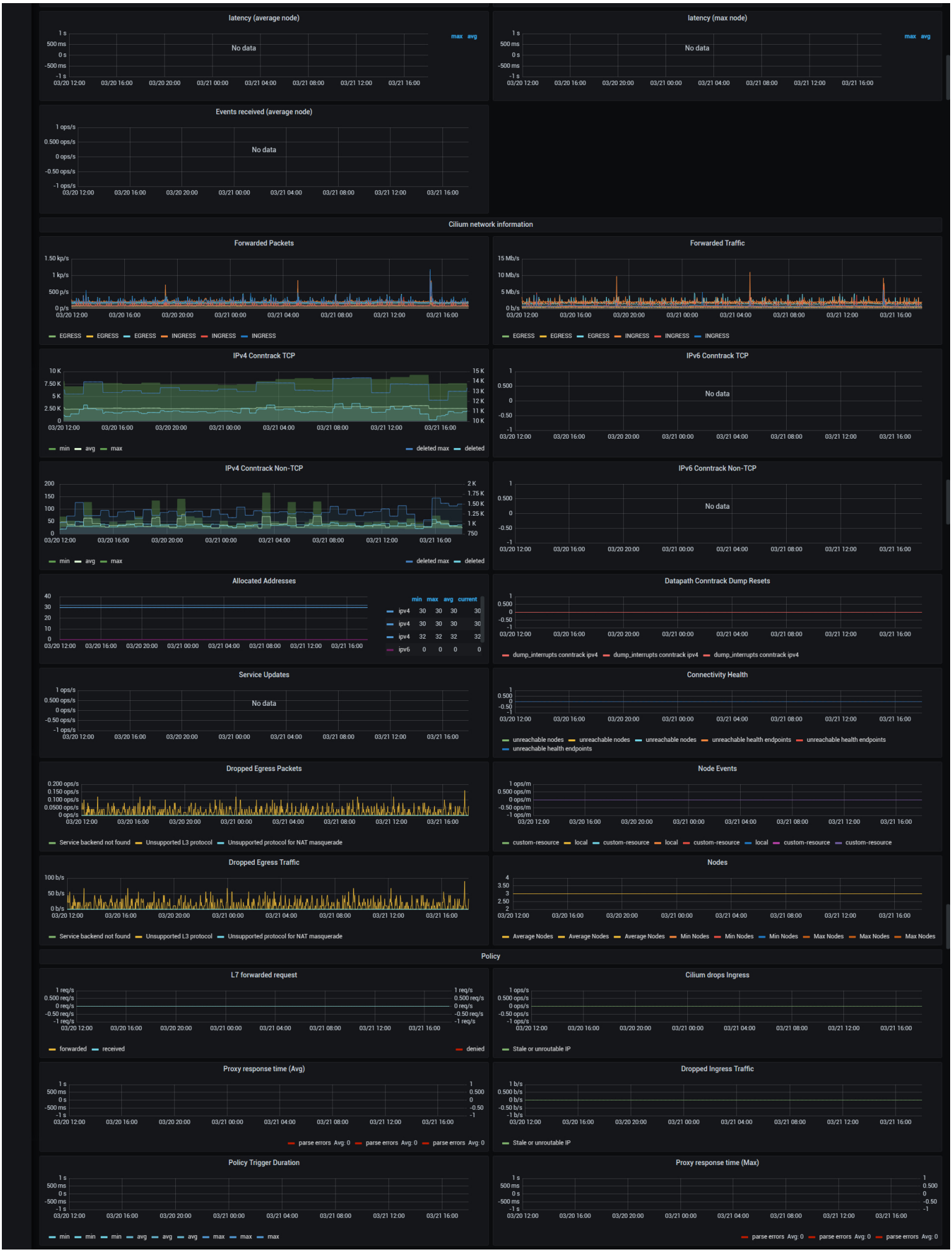
kvstore

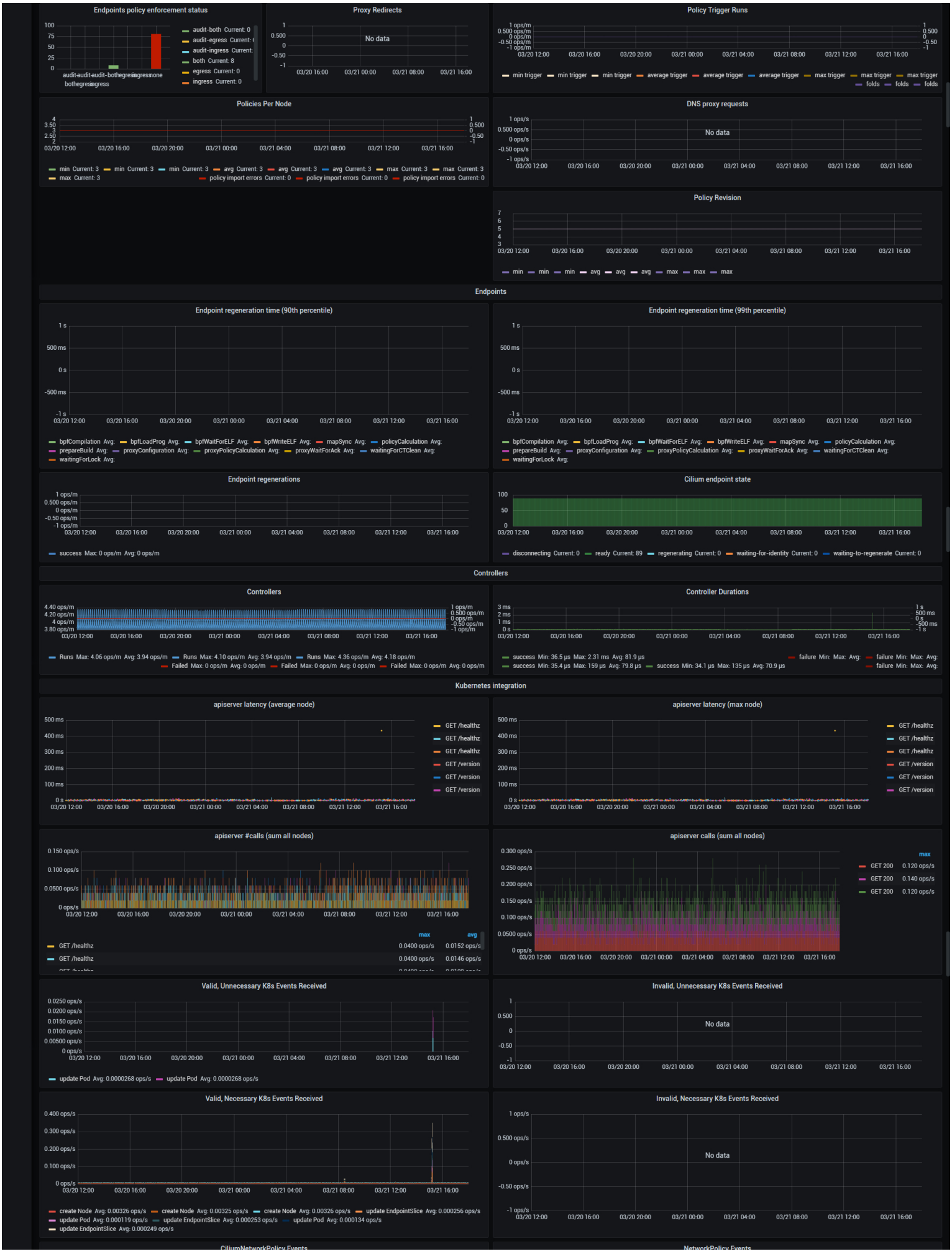
operations (sum all nodes)

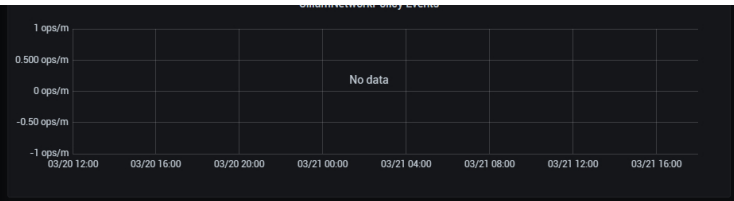


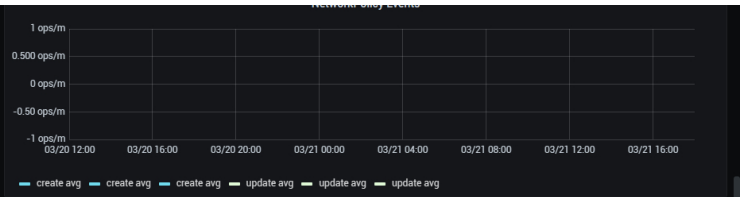
operations (max node)

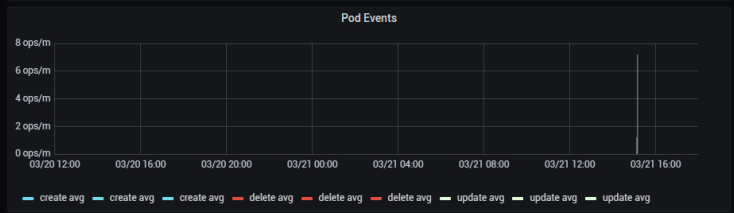


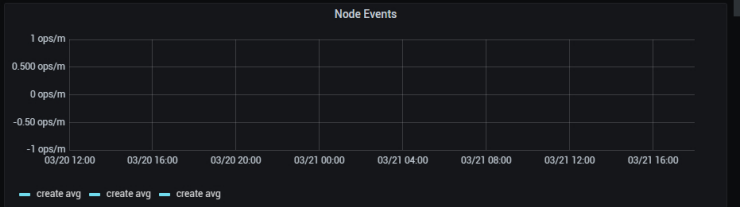

latency (average node)
No data
max avg
latency (max node)
No data
max avg
Events received (average node)
No data
Cilium network information
Forwarded Packets
EGRESS EGRESS EGRESS INGRESS INGRESS INGRESS
Forwarded Traffic
EGRESS EGRESS EGRESS INGRESS INGRESS INGRESS
IPv4 Conntrack TCP
min avg max
deleted max deleted
IPv6 Conntrack TCP
No data
IPv4 Conntrack Non-TCP
min avg max
deleted max deleted
IPv6 Conntrack Non-TCP
No data
Allocated Addresses
min max avg current
ipv4 30 30 30 30
ipv4 30 30 30 30
ipv4 32 32 32 32
ipv6 0 0 0 0
Datapath Conntrack Dump Resets
dump_interrupts conntrack ipv4 dump_interrupts conntrack ipv4 dump_interrupts conntrack ipv4
Service Updates
No data
Connectivity Health
unreachable nodes unreachable nodes unreachable nodes unreachable health endpoints unreachable health endpoints unreachable health endpoints
Dropped Egress Packets
Service backend not found Unsupported L3 protocol Unsupported protocol for NAT masquerade
Node Events
custom-resource local custom-resource local custom-resource local custom-resource custom-resource
Dropped Egress Traffic
Service backend not found Unsupported L3 protocol Unsupported protocol for NAT masquerade
Nodes
Average Nodes Average Nodes Average Nodes Min Nodes Min Nodes Min Nodes Max Nodes Max Nodes Max Nodes
Policy
L7 forwarded request
forwarded received
denied
Cilium drops Ingress
Stale or unroutable IP
Proxy response time (Avg)
parse errors Avg: 0 parse errors Avg: 0 parse errors Avg: 0
Dropped Ingress Traffic
Stale or unroutable IP
Policy Trigger Duration
min min min avg avg avg max max max
Proxy response time (Max)
parse errors Avg: 0 parse errors Avg: 0 parse errors Avg: 0

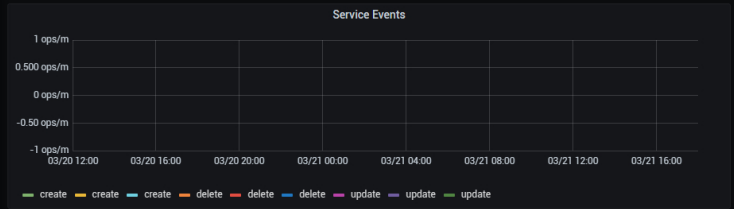

Endpoints policy enforcement status
audit-both Current: 0
audit-egress Current: 0
audit-ingress Current:
both Current: 8
egress Current: 0
ingress Current: 0
Proxy Redirects
No data
Policy Trigger Runs
Policies Per Node
DNS proxy requests
No data
Policy Revision
Endpoints
Endpoint regeneration time (90th percentile)
Endpoint regeneration time (99th percentile)
Endpoint regenerations
Cilium endpoint state
Controllers
Controllers
Controller Durations
Kubernetes integration
apiserver latency (average node)
apiserver latency (max node)
apiserver #calls (sum all nodes)
apiserver calls (sum all nodes)
Valid, Unnecessary K8s Events Received
Invalid, Unnecessary K8s Events Received
Valid, Necessary K8s Events Received
Invalid, Necessary K8s Events Received
No data

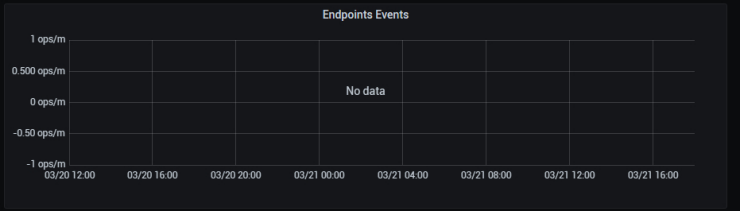

1 ops/m
0.500 ops/m
0 ops/m
-0.50 ops/m
-1 ops/m
No data
03/20 12:00
03/20 16:00
03/20 20:00
03/21 00:00
03/21 04:00
03/21 08:00
03/21 12:00
03/21 16:00

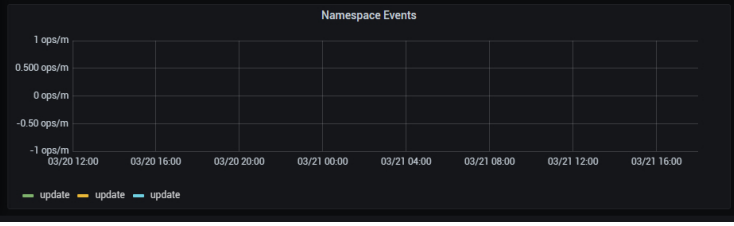

1 ops/m
0.500 ops/m
0 ops/m
-0.50 ops/m
-1 ops/m
03/20 12:00
03/20 16:00
03/20 20:00
03/21 00:00
03/21 04:00
03/21 08:00
03/21 12:00
03/21 16:00
create avg
create avg
create avg
update avg
update avg
update avg


Pod Events
8 ops/m
6 ops/m
4 ops/m
2 ops/m
0 ops/m
03/20 12:00
03/20 16:00
03/20 20:00
03/21 00:00
03/21 04:00
03/21 08:00
03/21 12:00
03/21 16:00
create avg
create avg
create avg
delete avg
delete avg
delete avg
update avg
update avg
update avg


Node Events
1 ops/m
0.500 ops/m
0 ops/m
-0.50 ops/m
-1 ops/m
03/20 12:00
03/20 16:00
03/20 20:00
03/21 00:00
03/21 04:00
03/21 08:00
03/21 12:00
03/21 16:00
create avg
create avg
create avg


Service Events
1 ops/m
0.500 ops/m
0 ops/m
-0.50 ops/m
-1 ops/m
03/20 12:00
03/20 16:00
03/20 20:00
03/21 00:00
03/21 04:00
03/21 08:00
03/21 12:00
03/21 16:00
create
create
create
delete
delete
delete
update
update
update


Endpoints Events
1 ops/m
0.500 ops/m
0 ops/m
-0.50 ops/m
-1 ops/m
No data
03/20 12:00
03/20 16:00
03/20 20:00
03/21 00:00
03/21 04:00
03/21 08:00
03/21 12:00
03/21 16:00


Namespace Events
1 ops/m
0.500 ops/m
0 ops/m
-0.50 ops/m
-1 ops/m
03/20 12:00
03/20 16:00
03/20 20:00
03/21 00:00
03/21 04:00
03/21 08:00
03/21 12:00
03/21 16:00
update
update
update