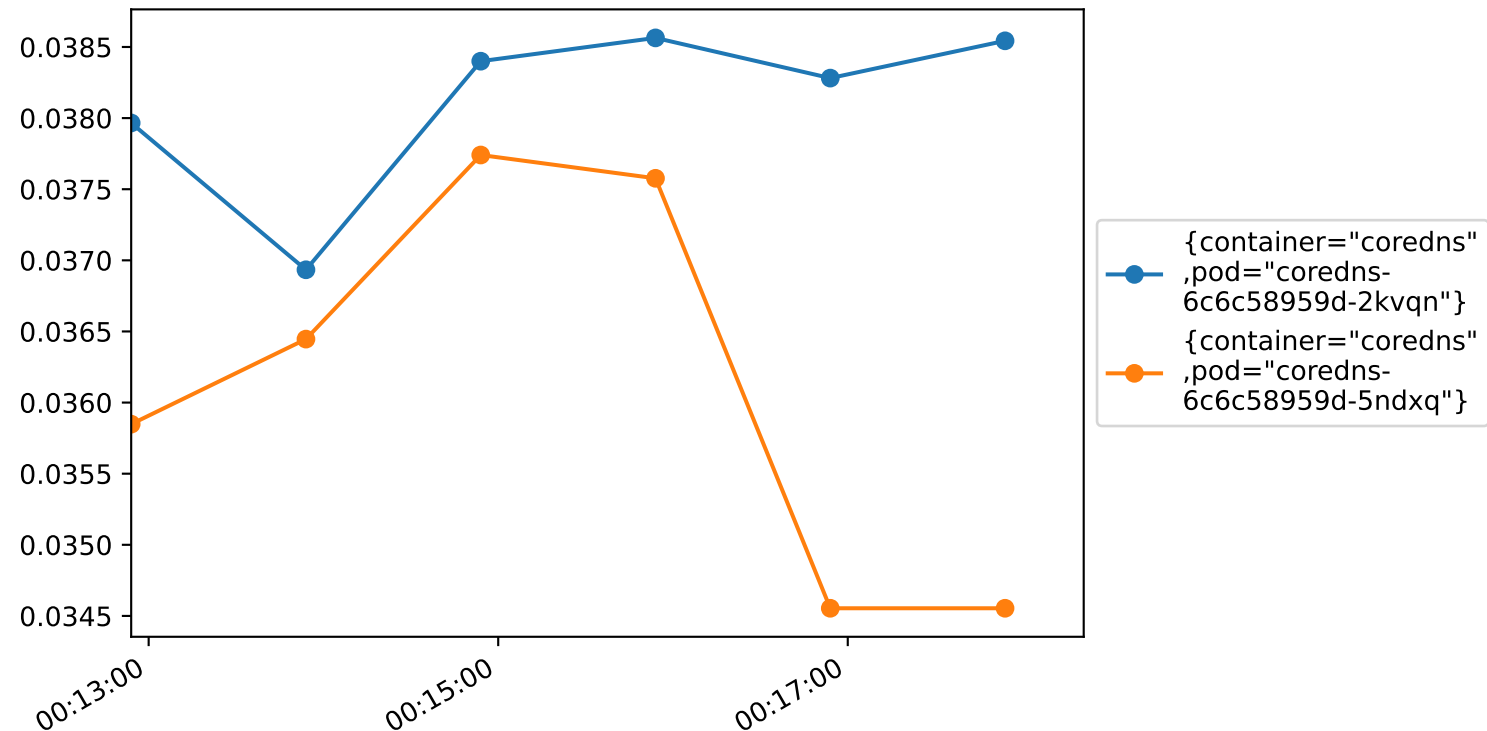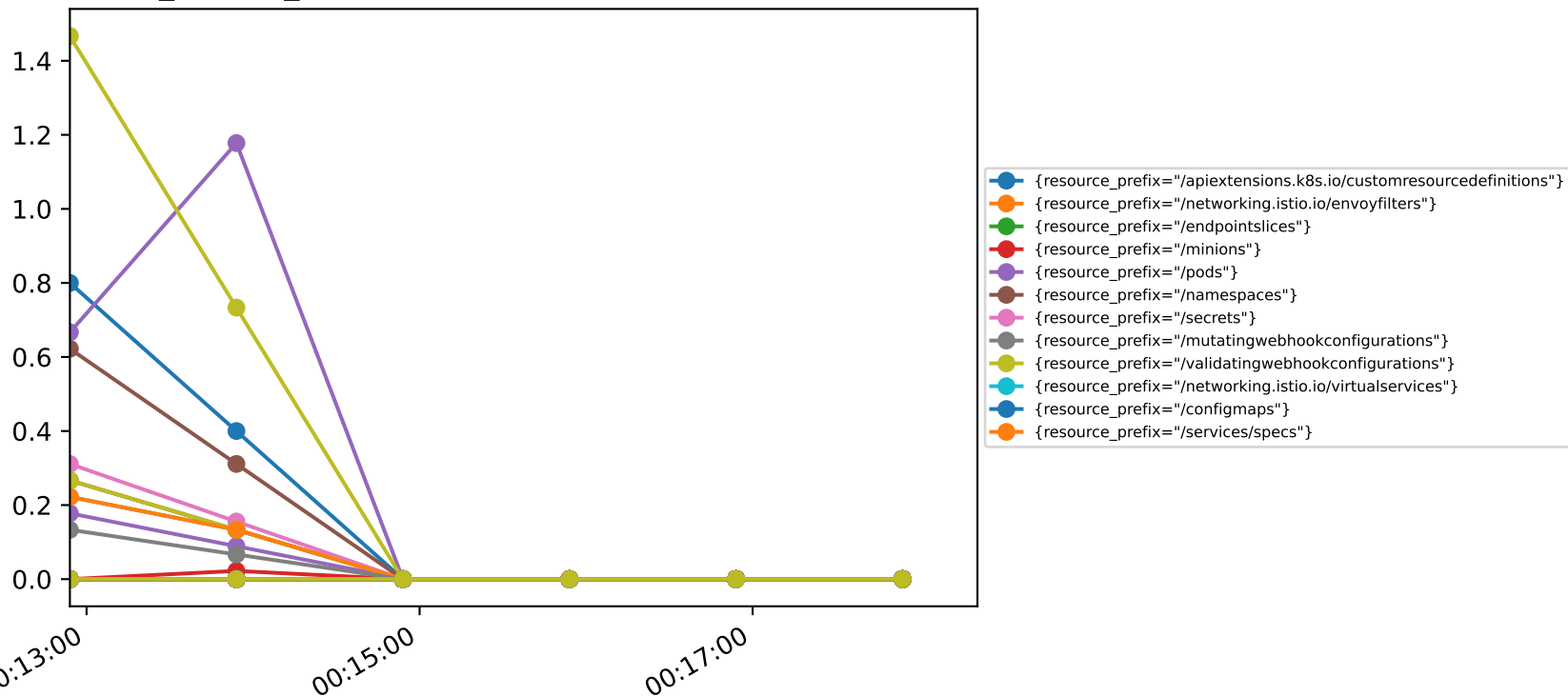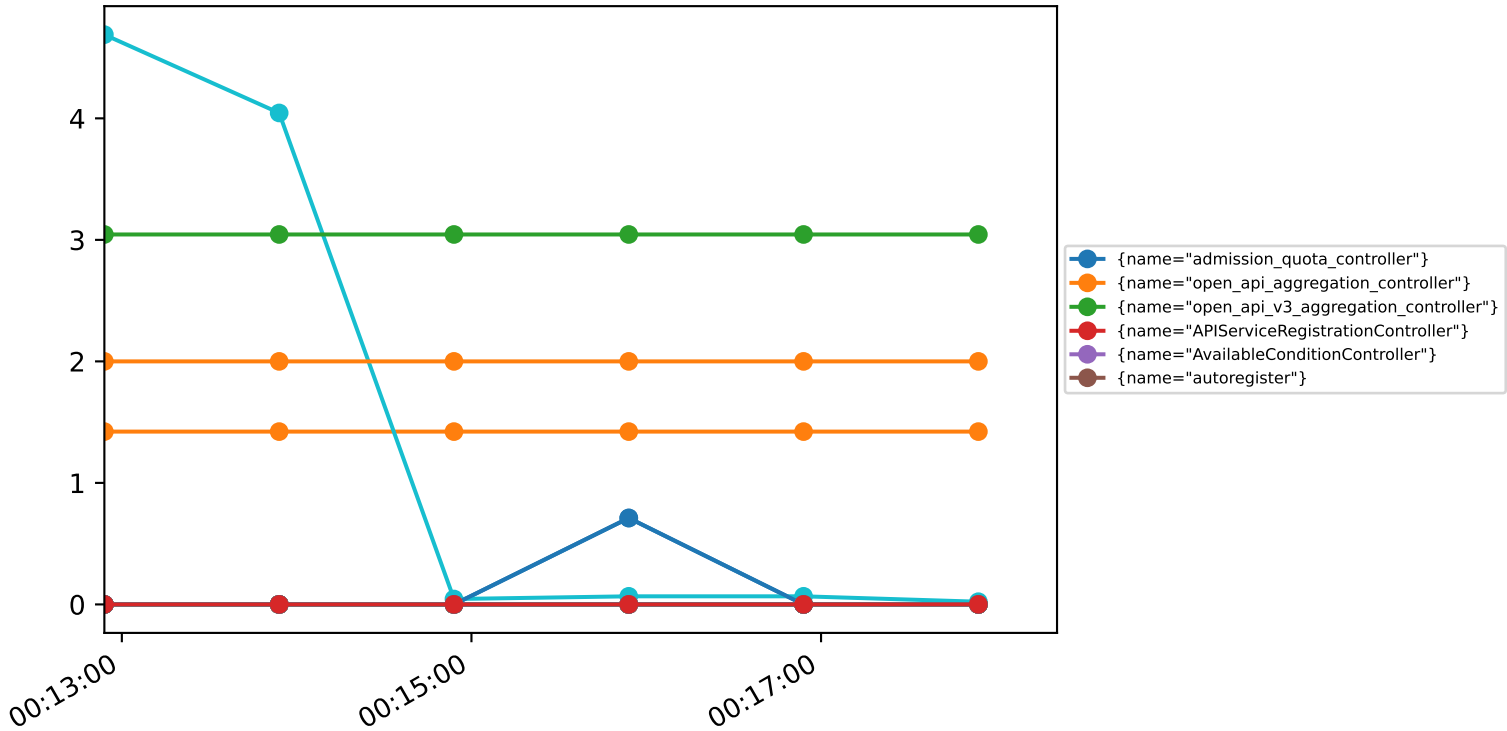max by (pod, container)(container_memory_working_set_bytes{container="coredns"})/10^9

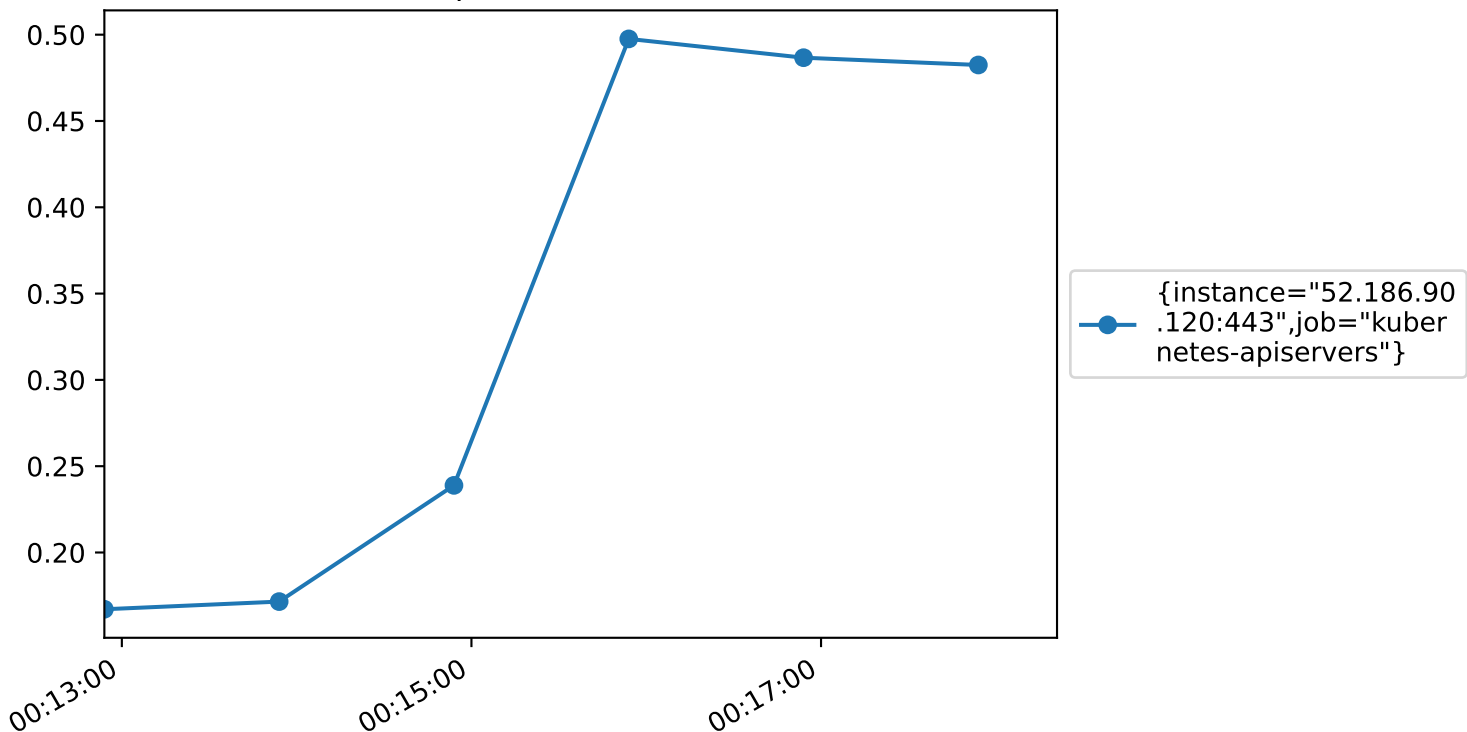max by (resource_prefix)(rate(apiserver_cache_list_fetched_objects_total{job="kubernetes-apiservers"}[1m]))

Legend:
- {resource_prefix="/apiextensions.k8s.io/customresourcedefinitions"}
- {resource_prefix="/networking.istio.io/envoyfilters"}
- {resource_prefix="/endpointslices"}
- {resource_prefix="/minions"}
- {resource_prefix="/pods"}
- {resource_prefix="/namespaces"}
- {resource_prefix="/secrets"}
- {resource_prefix="/mutatingwebhookconfigurations"}
- {resource_prefix="/validatingwebhookconfigurations"}
- {resource_prefix="/networking.istio.io/virtualservices"}
- {resource_prefix="/configmaps"}
- {resource_prefix="/services/specs"}

max by
(name)(rate(workqueue_adds_total{job="kubernetes-apiservers"}[1m]))

{name="admission_quota_controller"}
{name="open_api_aggregation_controller"}
{name="open_api_v3_aggregation_controller"}
{name="APIServiceRegistrationController"}
{name="AvailableConditionController"}
{name="autoregister"}

rate(process_cpu_seconds_total{job="kubernetes-apiservers"}[1m])

{instance="52.186.90.120:443",job="kubernetes-apiservers"}

sum(rate(apiserver_request_total{job="kubernetes-apiservers",code=~"2.."}[1m]))*100/sum(rate(apiserver_request_total{job="kubernetes-apiservers"}[1m]))
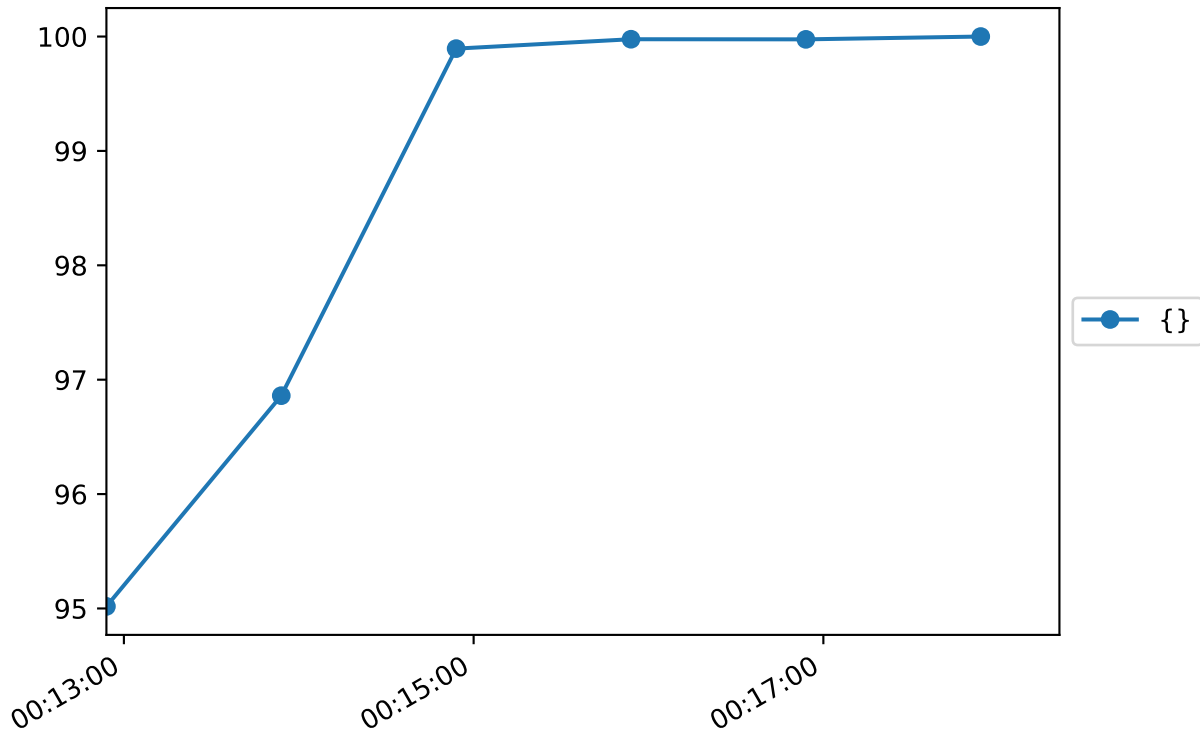
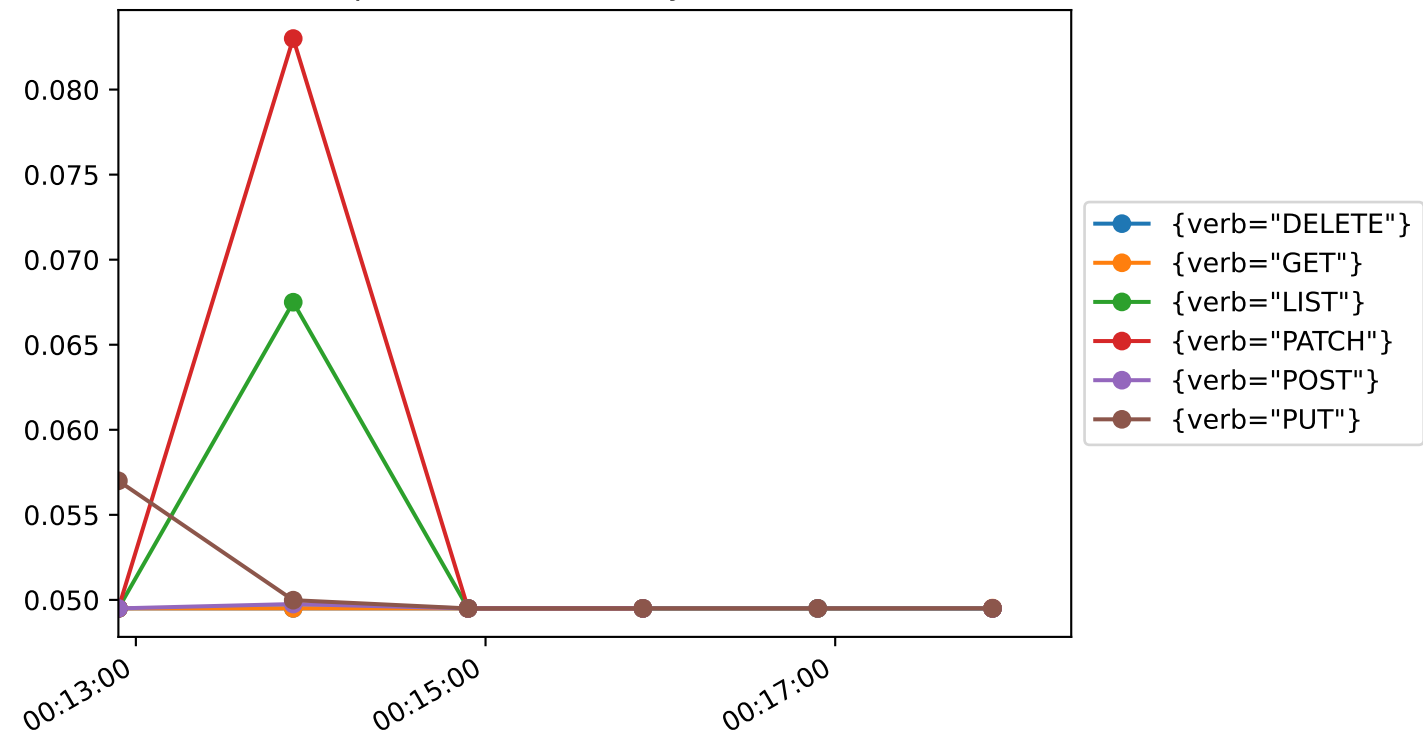max by (pod, container)(container_memory_working_set_bytes{container="discovery", pod=~"istio.*"})/10^9
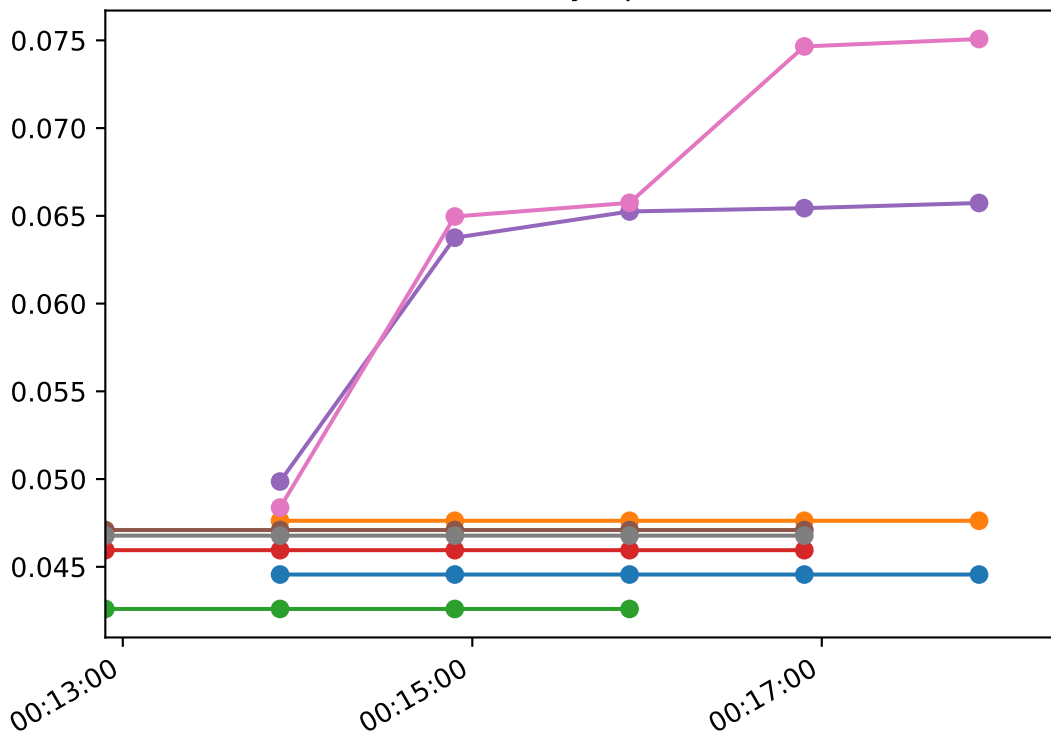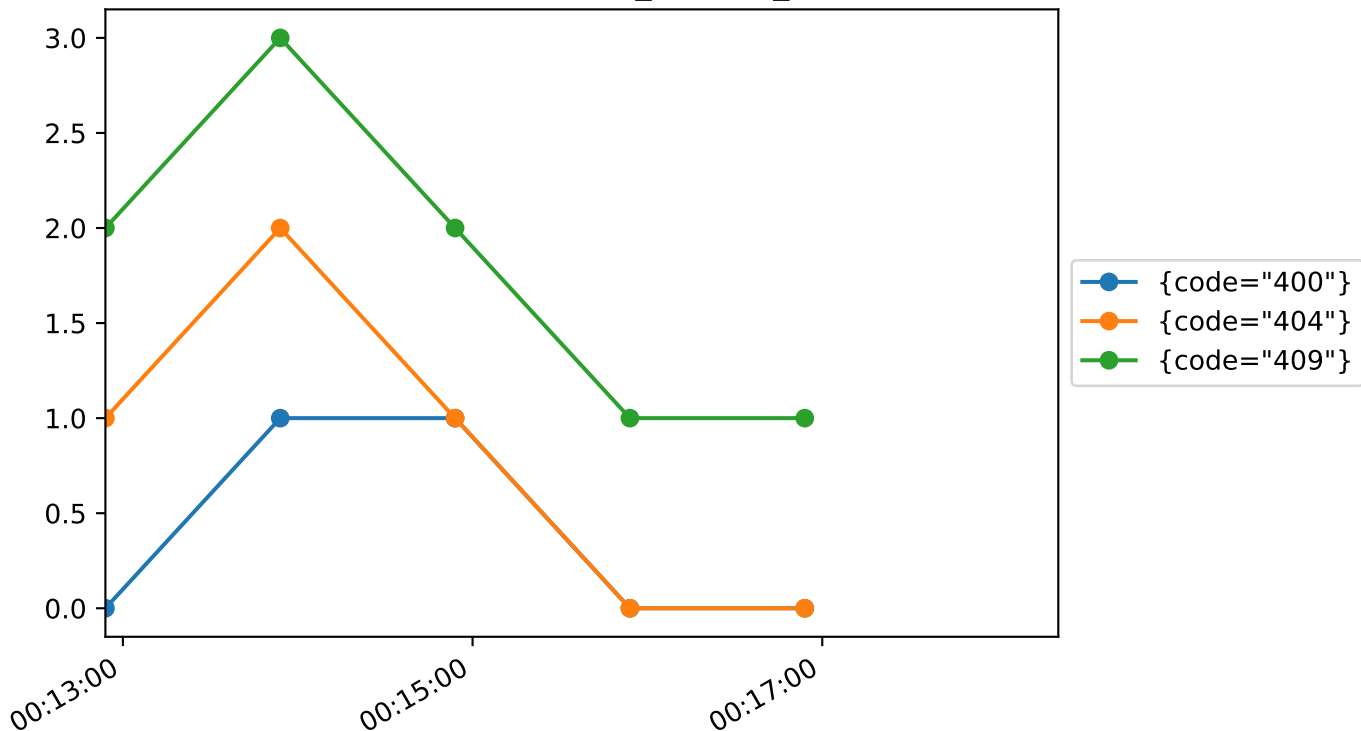
Legend:
- {container="discovery",pod="istiod-asm-1-17-58cf8cbbd5-bj2bl"}
- {container="discovery",pod="istiod-asm-1-17-58cf8cbbd5-rfxdq"}
- {container="discovery",pod="istiod-asm-1-17-747f45d67d-d2p8h"}
- {container="discovery",pod="istiod-asm-1-17-747f45d67d-frtwb"}
- {container="discovery",pod="istiod-asm-1-17-cdb49b9bd-2bl8p"}
- {container="discovery",pod="istiod-asm-1-17-cdb49b9bd-7xrrw"}
- {container="discovery",pod="istiod-asm-1-17-cdb49b9bd-md7mj"}
- {container="discovery",pod="istiod-asm-1-17-cdb49b9bd-vthzq"}
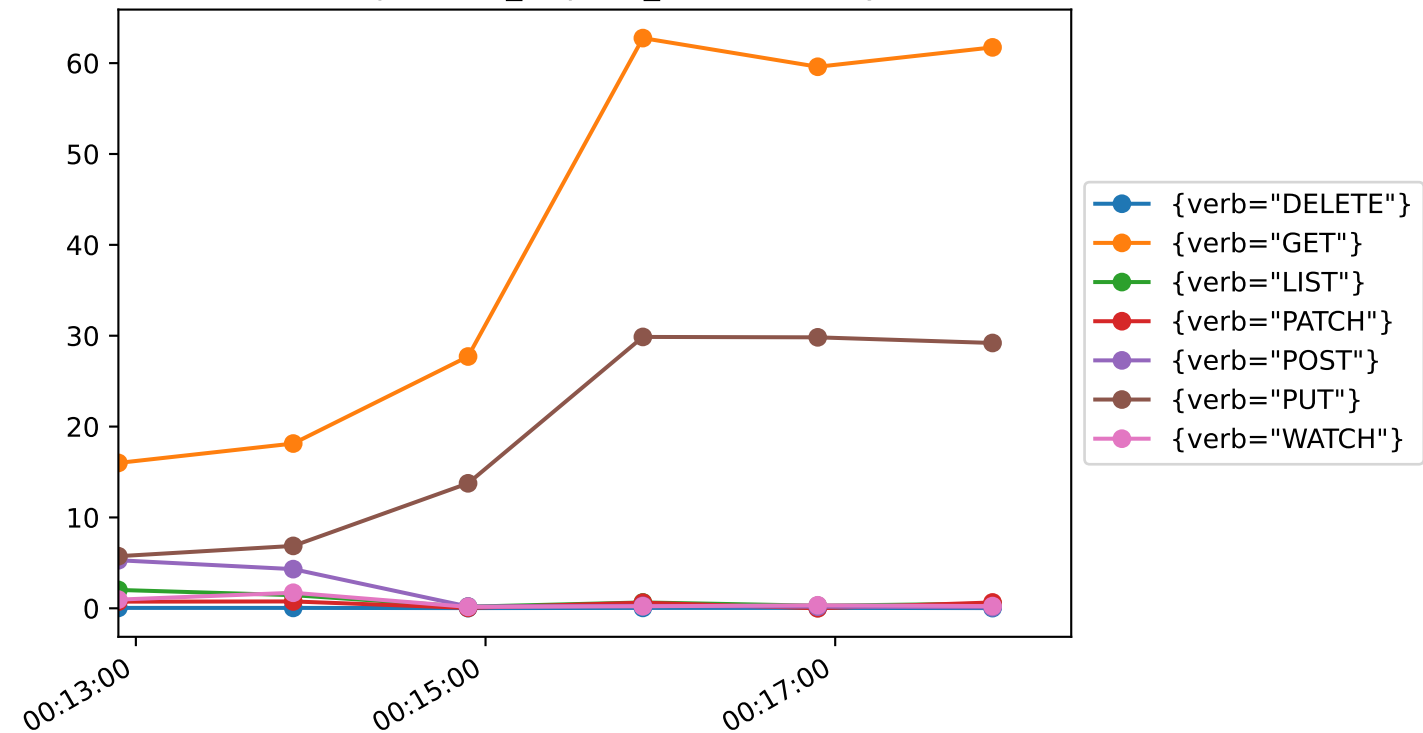
histogram_quantile(0.99, sum(rate(apiserver_request_slo_duration_seconds_bucket{job="kubernetes-apiservers"}[1m])) by (verb, le))

- {verb="DELETE"}
- {verb="GET"}
- {verb="LIST"}
- {verb="PATCH"}
- {verb="POST"}
- {verb="PUT"}

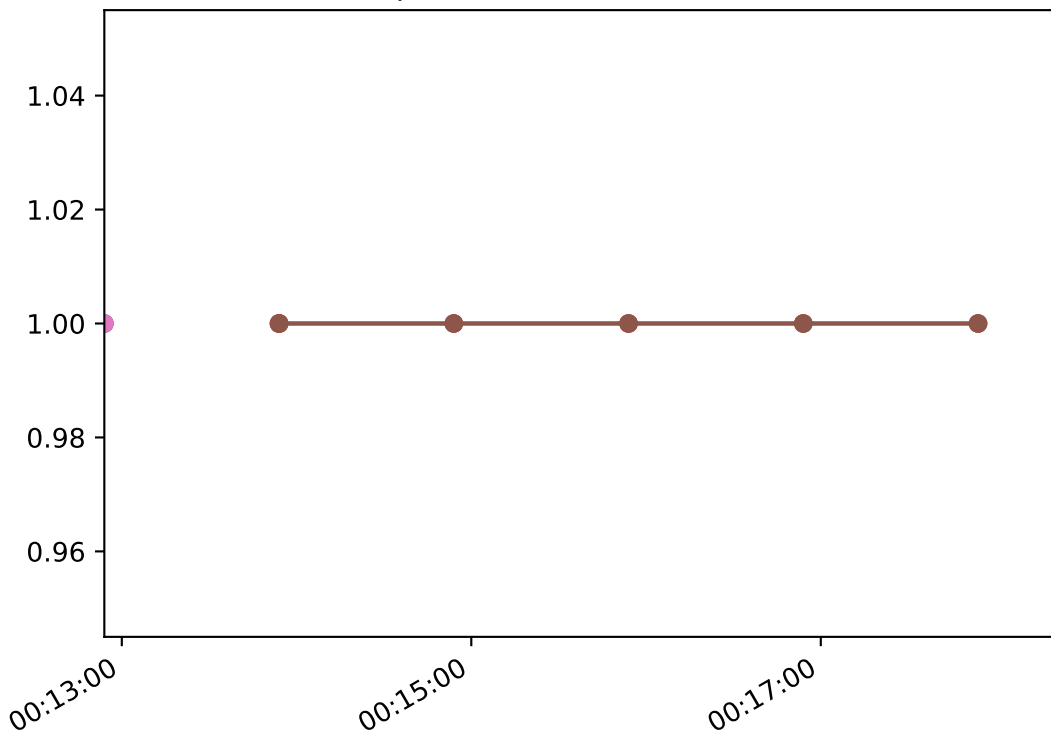max by (code)(rate(apiserver_request_total{code=~"^(?:4
..)$"}[1m]) / rate(apiserver_request_total[1m]))

sum(rate(apiserver_request_total[1m])) by (verb)

Legend:
- {verb="DELETE"}
- {verb="GET"}
- {verb="LIST"}
- {verb="PATCH"}
- {verb="POST"}
- {verb="PUT"}
- {verb="WATCH"}

max by (pod, container)(ceil(rate(container_cpu_usage_seconds_total{container="discovery", pod=~"istio.*"}[1m])))

Legend:
- {container="discovery",pod="istiod-asm-1-17-58cf8cbbd5-bj2bl"}
- {container="discovery",pod="istiod-asm-1-17-58cf8cbbd5-rfxdq"}
- {container="discovery",pod="istiod-asm-1-17-747f45d67d-frtwb"}
- {container="discovery",pod="istiod-asm-1-17-cdb49b9bd-2bl8p"}
- {container="discovery",pod="istiod-asm-1-17-cdb49b9bd-7xrrw"}
- {container="discovery",pod="istiod-asm-1-17-cdb49b9bd-md7mj"}
- {container="discovery",pod="istiod-asm-1-17-cdb49b9bd-vthzq"}

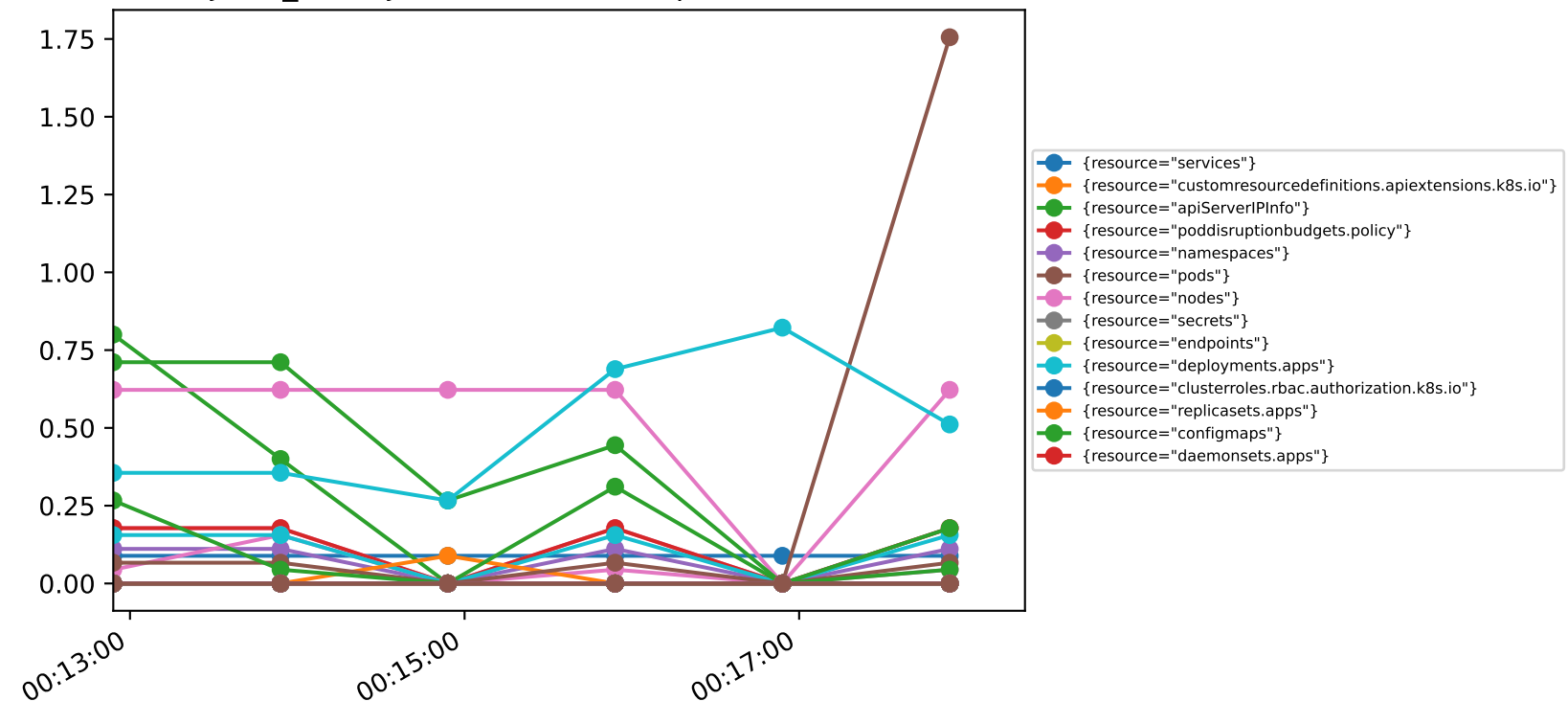sum(rate(apiserver_request_total{job="kubernetes-apiservers",code=~"[45].."}[1m]))*100/sum(rate(apiserver_request_total{job="kubernetes-apiservers"}[1m]))
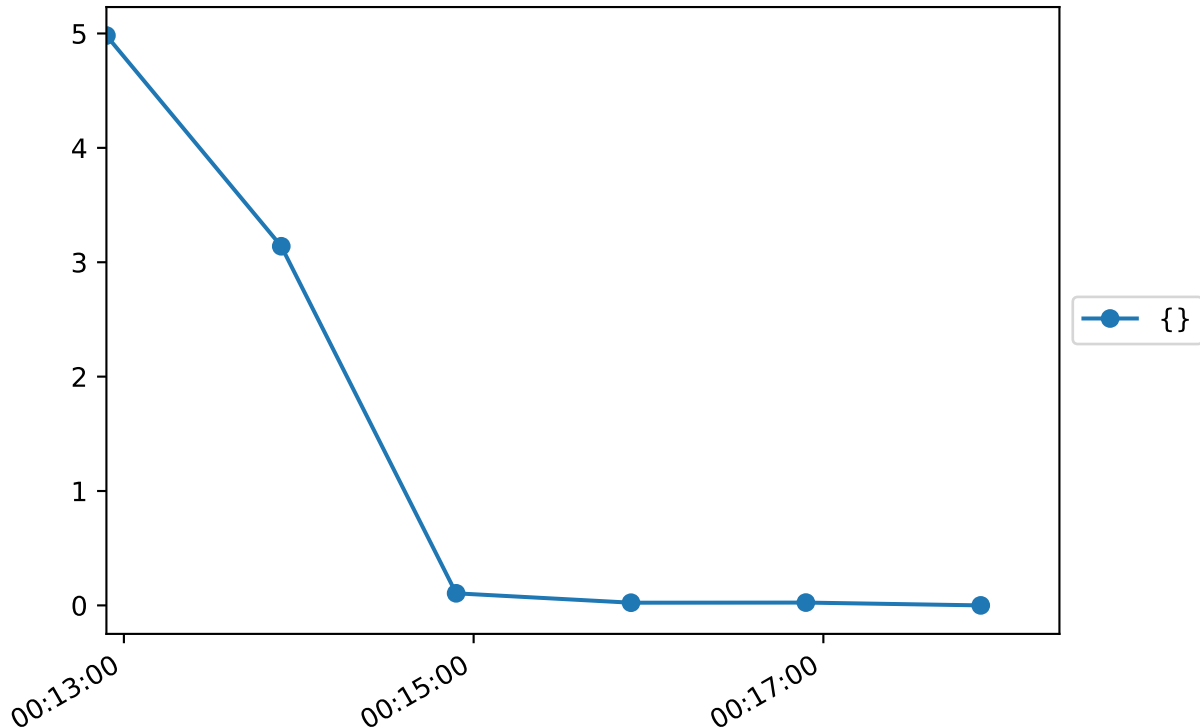
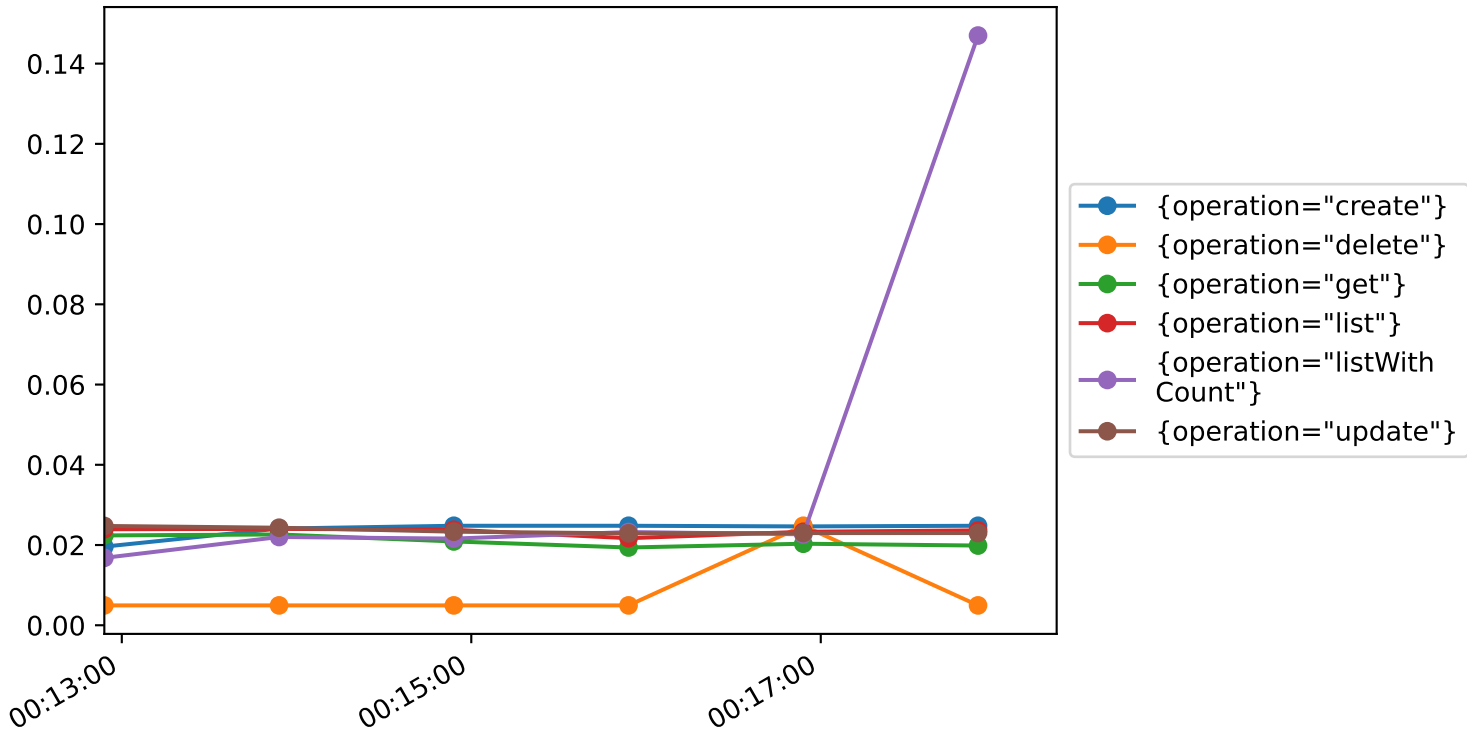process_resident_memory_bytes{job="kubernetes-apiservers"}/10^9

{instance="52.186.90.120:443",job="kubernetes-apiservers"}
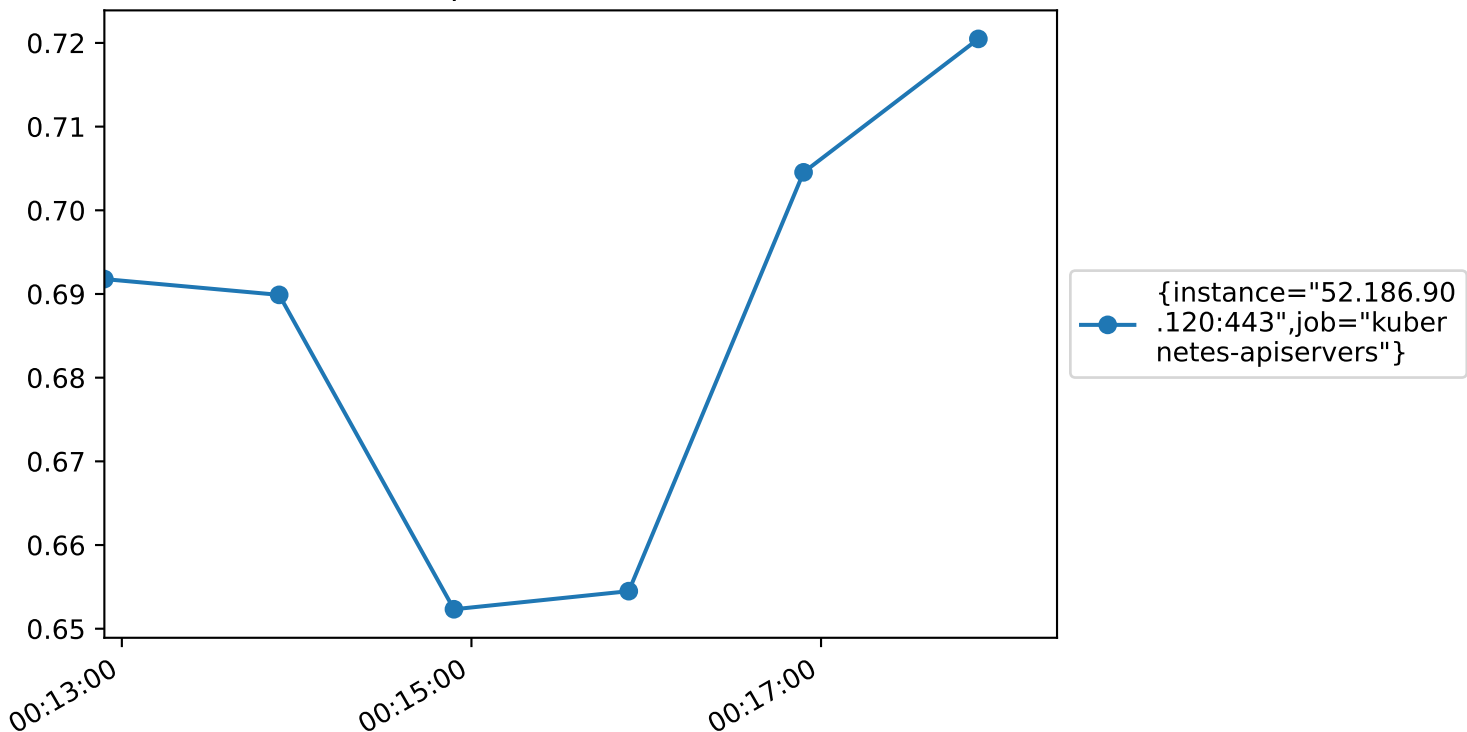
max by (resource)(rate(apiserver_storage_list_fetched_objects_total{job="kubernetes-apiservers"}[1m]))

Legend:
- {resource="services"}
- {resource="customresourcedefinitions.apiextensions.k8s.io"}
- {resource="apiServerIPInfo"}
- {resource="poddisruptionbudgets.policy"}
- {resource="namespaces"}
- {resource="pods"}
- {resource="nodes"}
- {resource="secrets"}
- {resource="endpoints"}
- {resource="deployments.apps"}
- {resource="clusterroles.rbac.authorization.k8s.io"}
- {resource="replicasets.apps"}
- {resource="configmaps"}
- {resource="daemonsets.apps"}

histogram_quantile(0.99, sum(rate(etcd_request_duration _seconds_bucket{job="kubernetes-apiservers"}[1m])) by (le,operation))

- {operation="create"}
- {operation="delete"}
- {operation="get"}
- {operation="list"}
- {operation="listWith Count"}
- {operation="update"}

max by (pod, container)(ceil(rate(container_cpu_usage_seconds_total{container="coredns"}[1m])))*1000

{container="coredns",pod="coredns-6c6c58959d-2kvqn"}

{container="coredns",pod="coredns-6c6c58959d-5ndxq"}