<https://kubernetes.io/docs/concepts/policy/resource-quotas/>

apiVersion: v1

kind: List

items:

- apiVersion: v1

kind: ResourceQuota

metadata:

name: pods-high

spec:

hard:

cpu: "1000"

memory: 200Gi

pods: "10"

scopeSelector:

matchExpressions:

- operator : In

scopeName: PriorityClass

values: ["high"]

- apiVersion: v1

kind: ResourceQuota

metadata:

name: pods-medium

spec:

hard:

cpu: "10"

memory: 20Gi

pods: "10"

scopeSelector:

matchExpressions:

- operator : In

scopeName: PriorityClass

values: ["medium"]

- apiVersion: v1

kind: ResourceQuota

metadata:

name: pods-low

spec:

hard:

cpu: "5"

memory: 10Gi

pods: "10"

scopeSelector:

matchExpressions:

- operator : In

scopeName: PriorityClass

values: ["low"]

apiVersion: v1

kind: Pod

metadata:

name: high-priority

spec:

containers:

- name: high-priority

image: ubuntu

command: ["/bin/sh"]

args: ["-c", "while true; do echo hello; sleep 10;done"]

resources:

requests:

memory: "10Gi"

cpu: "500m"

limits:

memory: "10Gi"

cpu: "500m"

priorityClassName: high