Check Kubernetes pod CPU and memory

pod's exec mode:

```
kubectl exec pod_name -- /bin/bash
```

for cpu usage:

```
 cd /sys/fs/cgroup/cpu
```

```
cat cpuacct.usage
```

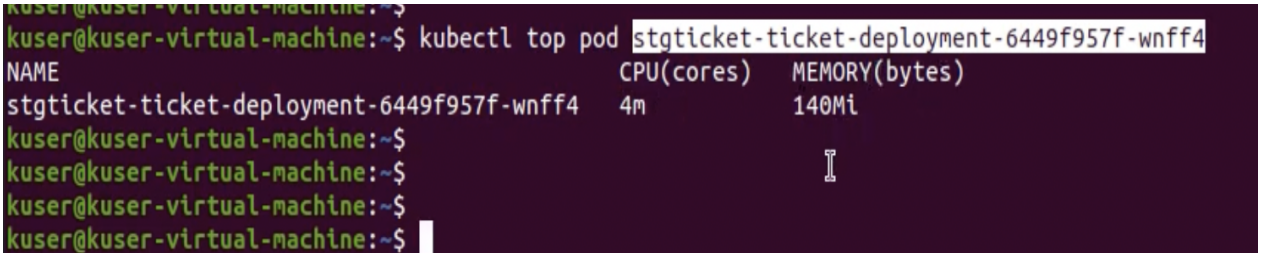
for memory usage:

```
cd /sys/fs/cgroup/memory
```

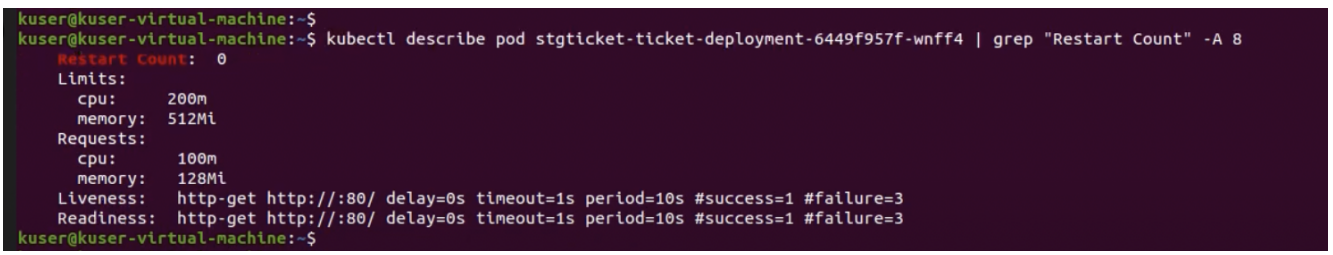
```
cat memory.usage_in_bytes
```

Example :

```
kubectl top pod <pod-name>
```




```
kubectl describe pod <name> | grep “Restart Count” -A 8
```

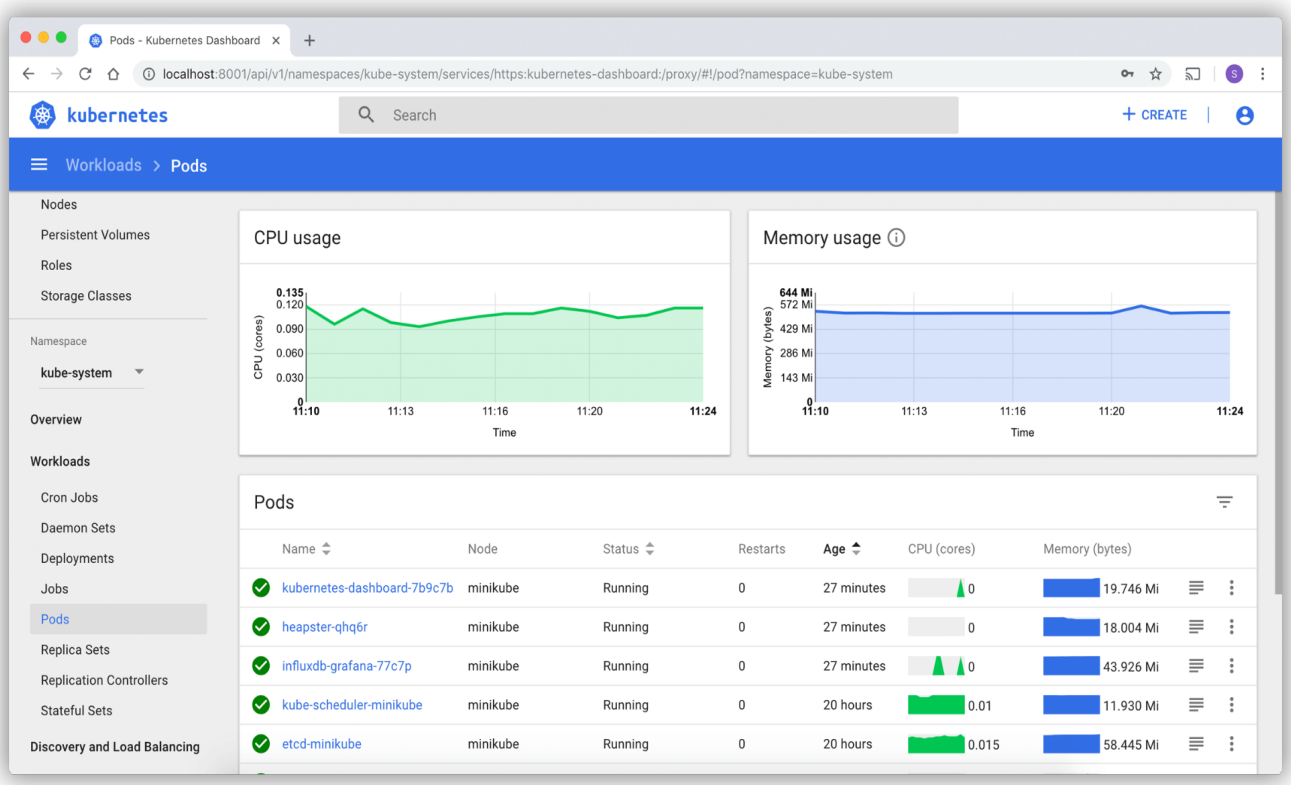


```
kubectl get deployments <name> -o yaml | grep “resources” -A 8
```

```
kuser@kuser-virtual-machine:~$
kuser@kuser-virtual-machine:~$ kubectl get deployments stgticket-ticket-deployment -o yaml | grep "resources:" -A 8
        resources:
          limits:
            cpu: 200m
            memory: 512Mi
          requests:
            cpu: 100m
            memory: 128Mi
        terminationMessagePath: /dev/termination-log
        terminationMessagePolicy: File
kuser@kuser-virtual-machine:~$
```

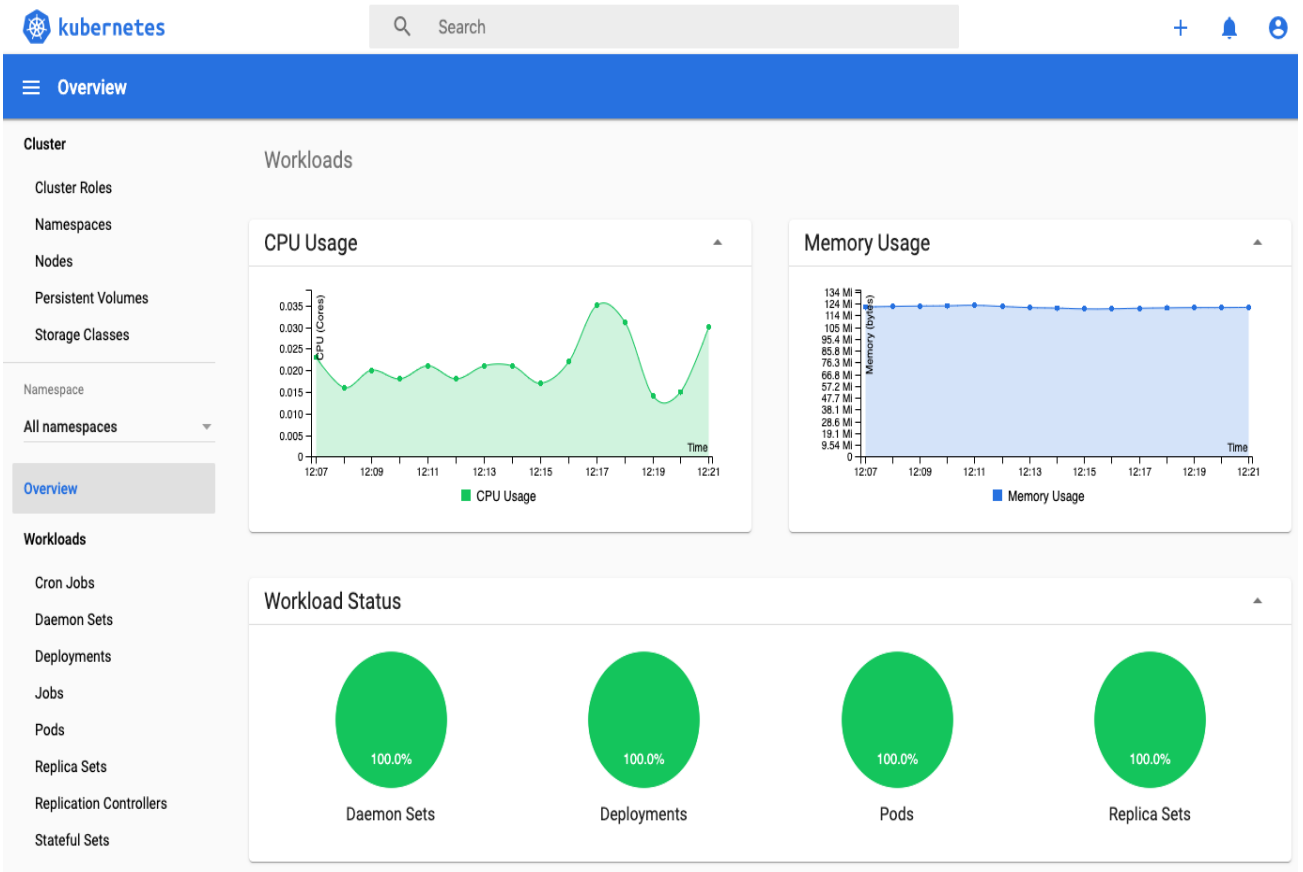
On Dashboard

You can see pods here:



Kubernetes Overview:

We can access Cpu or Memory Usage on Gui:



The following image shows `container_memory_usage_bytes` over time.