

Logging & Monitoring (S4)

Monitor Cluster Components

- Kubernetes doesn't have own monitoring solution
 - Other open source solutions like Prometheus, elastic stack, etc. work
 - Metrics Servers
 - As in memory solution
 - Kubelet cAdvisor retrieves performance metrics and exposes them to kubeApi
 - Get from github and deploy with kubectl create
 - *Kubectl top node* to view metrics of nodes
 - *Kubectl top pod*

Managing Application Logs

- Docker: docker logs [-f] <containerid>
- Kubernetes:
 - kubectl logs [-f] <pod-name>
 - with multiple containers: kubectl logs [-f] <pod-name> >containerid>