

Monitoring K8s

Application Monitoring:

- Using new-relic agent in the containers of the application we can fetch all the metrics related to the applications.

Node Monitoring:

- Using Exporters like node-exporter and cadvisor pods as a Daemonsets we can monitor the health of nodes.
- We can fetch the data exported by the exporters in prometheus pods.
- Based on the rules in the prometheus file we can send the alerts to the alertmanager and redirect to any platform like pagerduty and slack.

Application Logging:

- Deploy a log collector like blacklight or fluentd as a daemonset in K8s.
- Configure log collector to scrape logs from pods and logs by using proper labels.
- Chose a log collector solutions like loki and visualize tools like grafana to see the logs.