Monitoring GKE Clusters Using Stackdriver

Janani Ravi
CO-FOUNDER, LOONYCORN

www.loonycorn.com

Overview

Work with Stackdriver Kubernetes Monitoring to monitor clusters

Configure Prometheus to work with Stackdriver

Monitoring GKE Clusters

Monitoring GKE Clusters

Stackdriver

Suite of GCP tools that include Stackdriver Monitoring; built-in GCP service with GKE support

Prometheus

Open-source monitoring system that complements Stackdriver Monitoring

Stackdriver Kubernetes Monitoring

Add-on to Kubernetes

Integrates logging and monitoring support with Stackdriver

Easy to enable while creating GKE cluster

Caveat: In Beta, and not compatible with GA versions of Stackdriver

Prometheus

Can configure Stackdriver Kubernetes Monitoring to work with Prometheus

Services can expose metrics in Prometheus

These metrics will be visible as Stackdriver external metrics

Demo

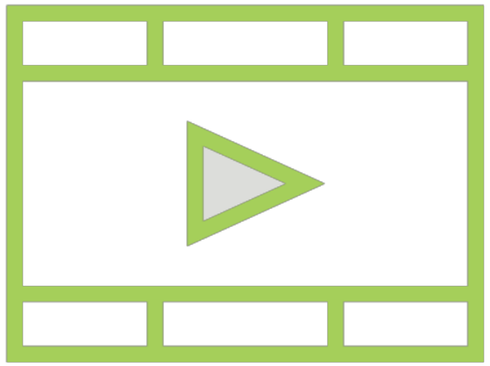
Monitoring GKE deployments using Stackdriver and Prometheus

Summary

Work with Stackdriver Kubernetes Monitoring to monitor clusters

Configure Prometheus to work with Stackdriver

Related Courses



Getting Started with Kubernetes

Leveraging Advanced Features on the Google Cloud Kubernetes Engine

Azure Kubernetes Service (AKS) – The Big Picture