Demonstration of Integrating Tools for Logging, Monitoring and Visibility System for IoTcloudServe@TEIN
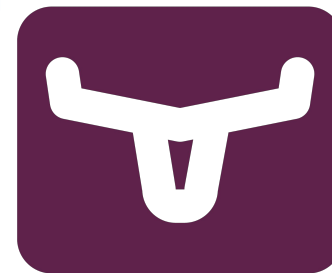
Teerit Ploensin

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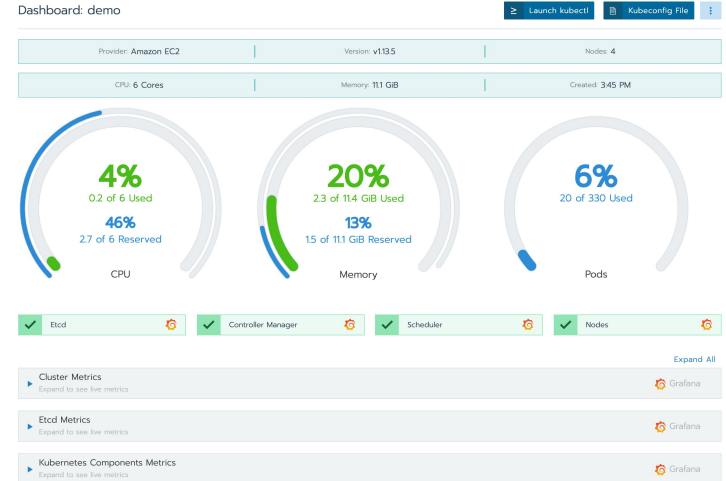
Outline

- **Prometheus + Grafana**

- **Ceph Dashboard**
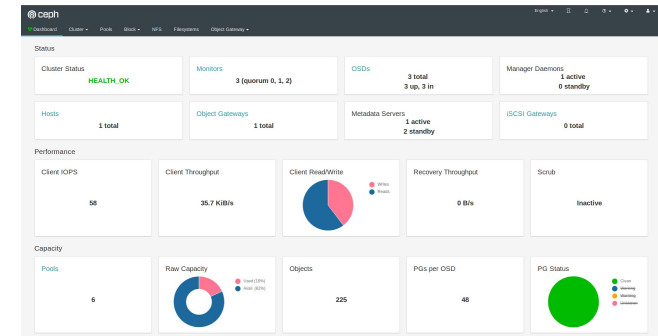
- **Longhorn UI**

- **EFK**

Prometheus Monitoring Scope

- Kubernetes control plane
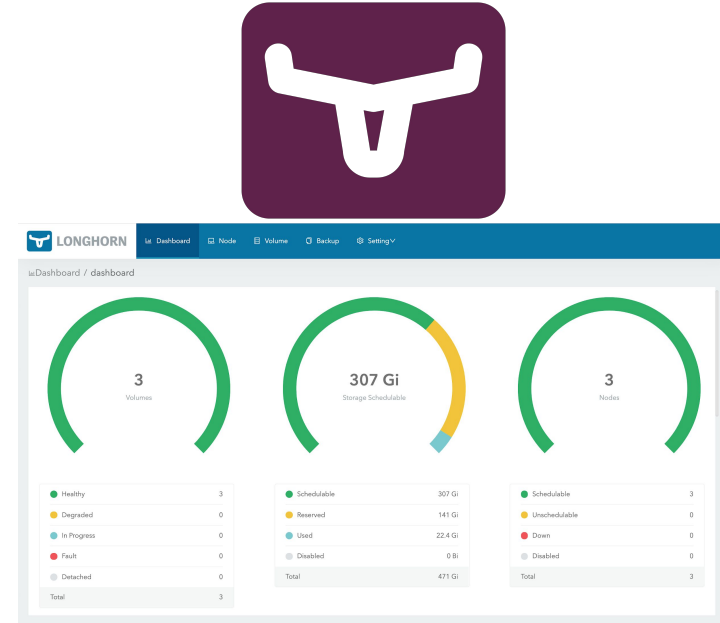
- etcd database

- All nodes (including workers)

Ceph Dashboard

- Status of the mon quorum

- Status of the mgr, osd, and other Ceph daemons, view pools and PG status

- show logs for the daemons, and more

Longhorn UI

- Device volume and synchronously replicates the volume across multiple replicas stored on multiple nodes

- Intuitively GUI dashboard

EFK (Elasticsearch + Fluentd + Kibana)

- Troubleshooting logs and detecting issues

- Searching/aggregation capabilities of Elasticsearch and the visualization power of Kibana.