**Prometheus + Grafana Monitoring System**

1. Install prometheus

brew install prometheus

1. Setup prometheus configuration

vim /usr/local/etc/prometheus.yml

global:

scrape\_interval: 15s

scrape\_configs:

- job\_name: 'node\_exporter'

static\_configs:

- targets: ['localhost:9100']

- job\_name: "prometheus"

static\_configs:

- targets: ["localhost:9090"]

- job\_name: 'Pushgateway'

scrape\_interval: 5s

static\_configs:

- targets: ['localhost:9091']

- job\_name: 'gRPC Server'

scrape\_interval: 15s

static\_configs:

- targets: ['localhost:9096']

1. Startup prometheus

prometheus --config.file=/usr/local/etc/prometheus.yml&

1. Install Grafana

brew install grafana

1. Startup grafana

Brew services start grafana

1. Import grafana dashboard template

Find the right template from website <https://grafana.com/grafana/dashboards/>

* Node—Exporter 🡺 cpu-load/memory usage
* Pushgateway + native script 🡺 collect system process cpu & memory usage
* Process-Exporter 🡺 linux process cpu and memory usage