

Monitoring Nifi With Prometheus And Grafana

Topics to be covered

1. Nifi Monitoring Integration with Promethus And Grafana
2. Site To Site Reporting
3. Email Alerting at Nifi

Initail Set Up

Install Nifi : <https://www.apache.org/dyn/closer.lua?path=/nifi/1.23.2/nifi-1.23.2-bin.zip>

```
./bin/nifi.sh start  
http://localhost:8080/nifi/
```

Install Promethus : <https://prometheus.io/download/>
<http://localhost:9090/targets?search=>

```
./prometheus
```

Install Grafana :

<https://grafana.com/grafana/download?platform=mac>
<https://grafana.com/docs/grafana/latest/setup-grafana/installation/mac/>

```
brew install grafana  
brew services list  
brew services start grafana
```

<http://localhost:3000/?orgId=1>

Integrating Nifi with Prometheus

1. Add a Prometheus reporting task

2. Metrics will be available on port configured
3. Add this in prometheus.yml
4. Restart and you will be able to see nifi metrics

Integrating with Grafana

1. Add Prometheus data source
2. Add a dashboard template
3. Explore

<https://grafana.com/grafana/dashboards/?search=nifi>

<https://grafana.com/grafana/dashboards/12314-nifi-prometheusreportingtask-dashboard/>

References

<https://nifi.apache.org/docs.html>

<https://pierrebillard.com/2017/05/15/monitoring-nifi-workflow-sla/>

<https://www.youtube.com/watch?v=QqFgWh3xhuQ&t=10205s>

https://www.youtube.com/watch?v=QLdgG_C9TFo