

Testing the Helm chart

1. Multiple pods -> Default config [AMP only]

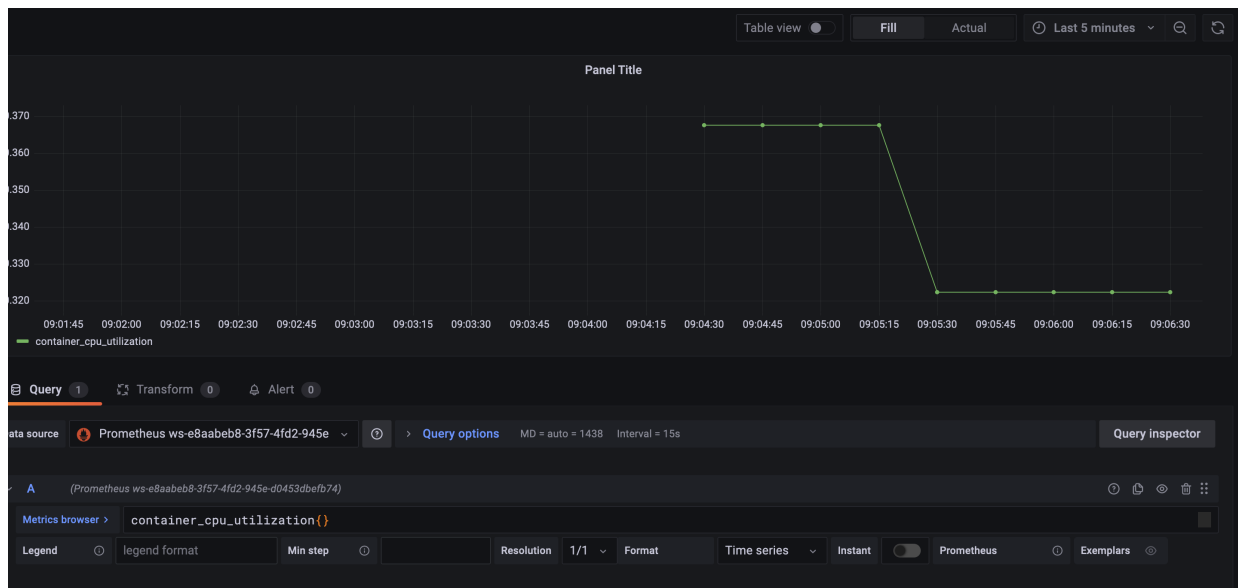
Command

```
88665a582fe5:charts raviru$ helm install amp-testing-multi \ adot-exporter-for-eks-on-ec2
--set clusterName=test-multi --set awsRegion=us-west-2
NAME: amp-testing-multi
LAST DEPLOYED: Thu Mar 10 09:02:14 2022
NAMESPACE: default
STATUS: deployed
REVISION: 1
TEST SUITE: None
NOTES:
Thank you for installing adot-exporter-for-eks-on-ec2.

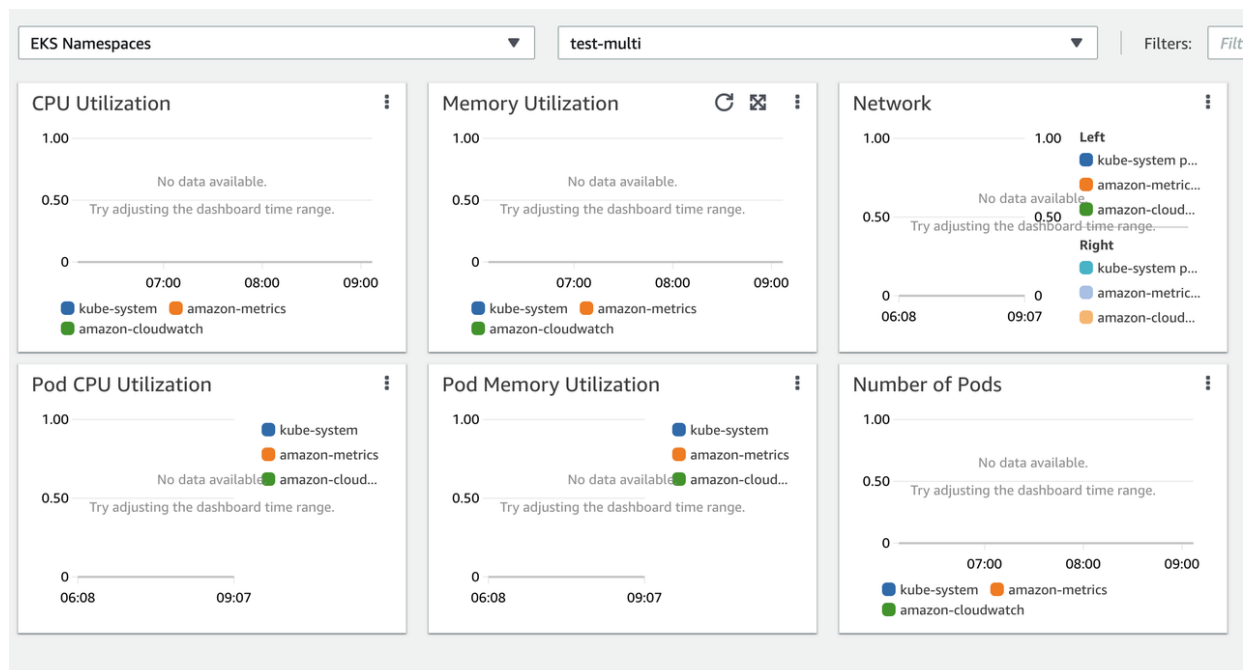
Your release is named amp-testing-multi.
```

```
88665a582fe5:charts raviru$ kubectl get pods -n amazon-metrics
NAME                                READY   STATUS    RESTARTS   AGE
adot-collector-daemonset-jqtwc      1/1     Running   0           2m53s
adot-collector-daemonset-wwv44      1/1     Running   0           2m53s
```

Grafana Dashboard



CloudWatch Dashboard

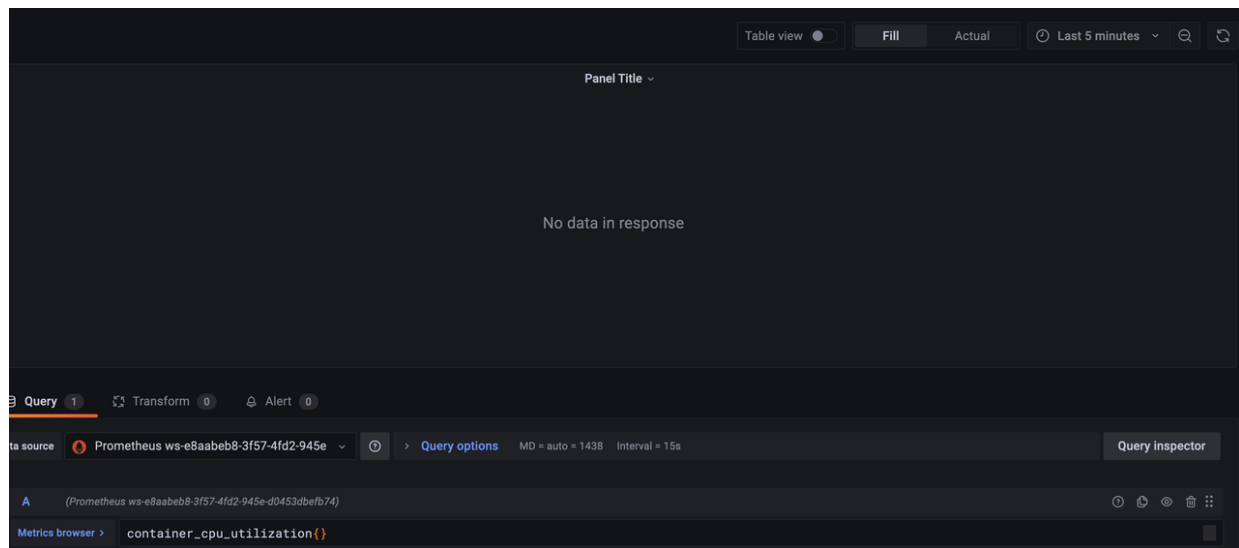


2. Multiple pods → CloudWatch only

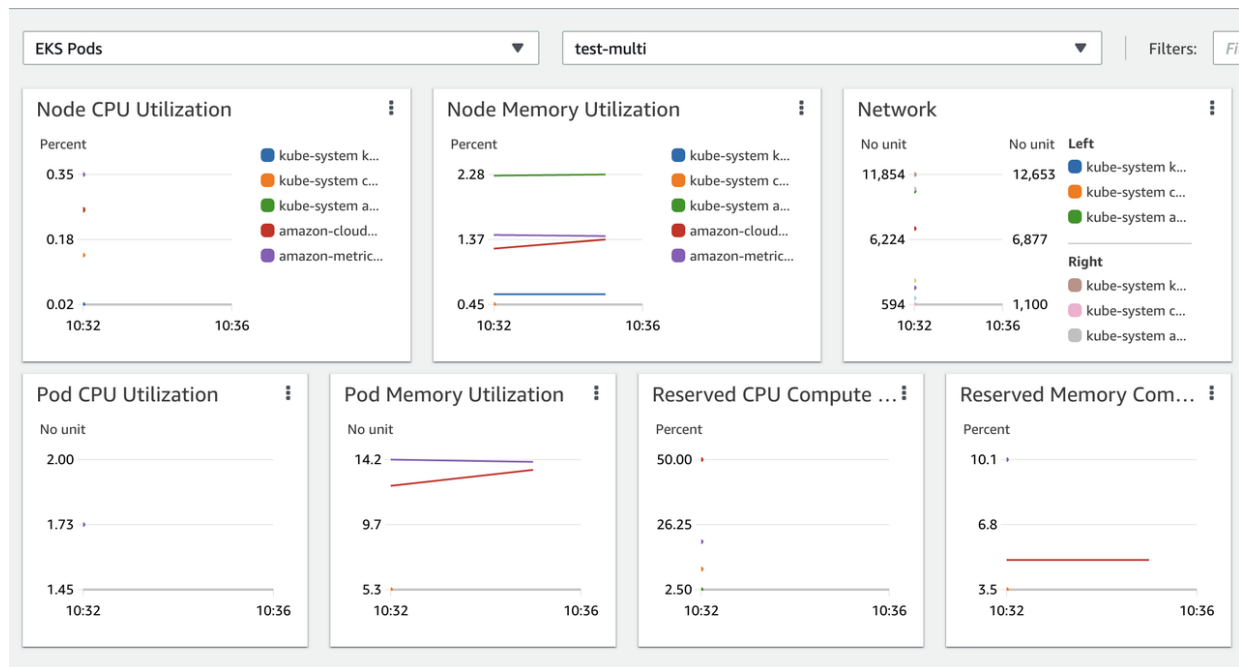
Command

```
88665a582fe5:charts raviru$ kubectl get pods --all-namespaces
NAMESPACE      NAME                                READY   STATUS             RESTARTS   AGE
amazon-cloudwatch  fluent-bit-bq6pm                   0/1     ContainerCreating   0          11s
amazon-cloudwatch  fluent-bit-nqmn9                   1/1     Running             0          11s
amazon-metrics     adot-collector-daemonset-t7k6p     1/1     Running             0          11s
amazon-metrics     adot-collector-daemonset-zjdqx     0/1     Pending             0          11s
```

Grafana Dashboard



CloudWatch Dashboard

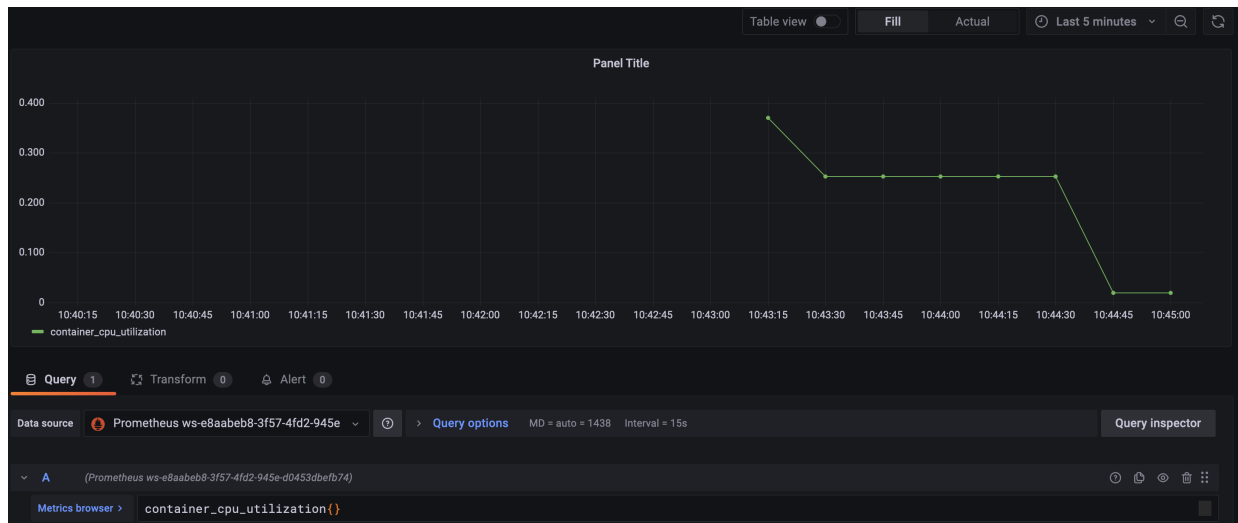


3. Multiple pods → both pipelines

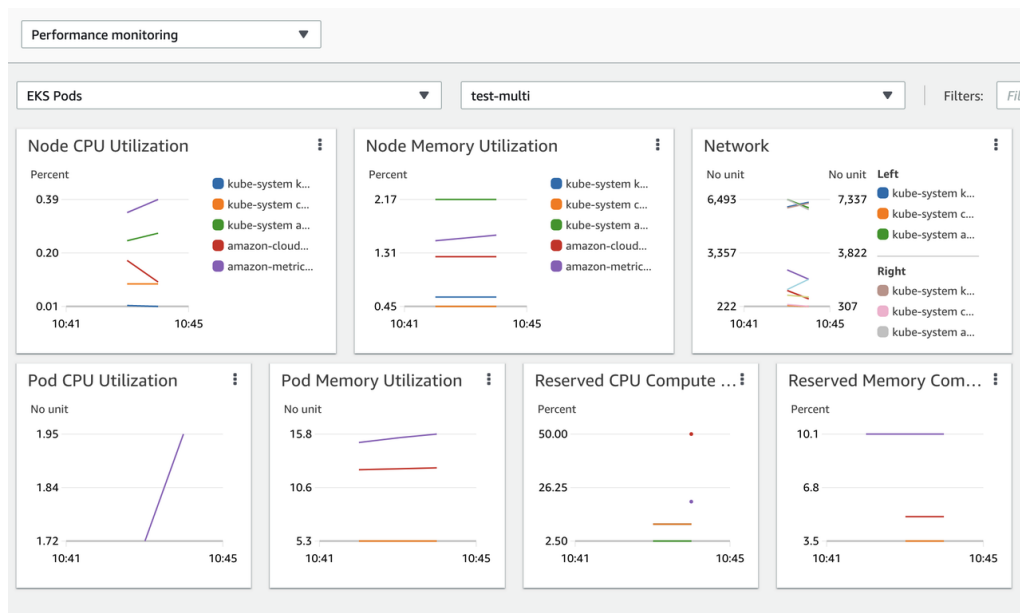
Command

```
188665a582fe5:charts raviru$ kubectl get pods --all-namespaces
NAMESPACE      NAME                                READY   STATUS    RESTARTS   AGE
amazon-cloudwatch   fluent-bit-6m2tn                   0/1     Pending   0           5m56s
amazon-cloudwatch   fluent-bit-crbmw                   1/1     Running   0           5m56s
amazon-metrics      adot-collector-daemonset-qgdt4     1/1     Running   0           5m56s
amazon-metrics      adot-collector-daemonset-tb9rn     1/1     Running   0           5m56s
```

Grafana Dashboard



CloudWatch Dashboard



4. Single pods → Default [Amp only]

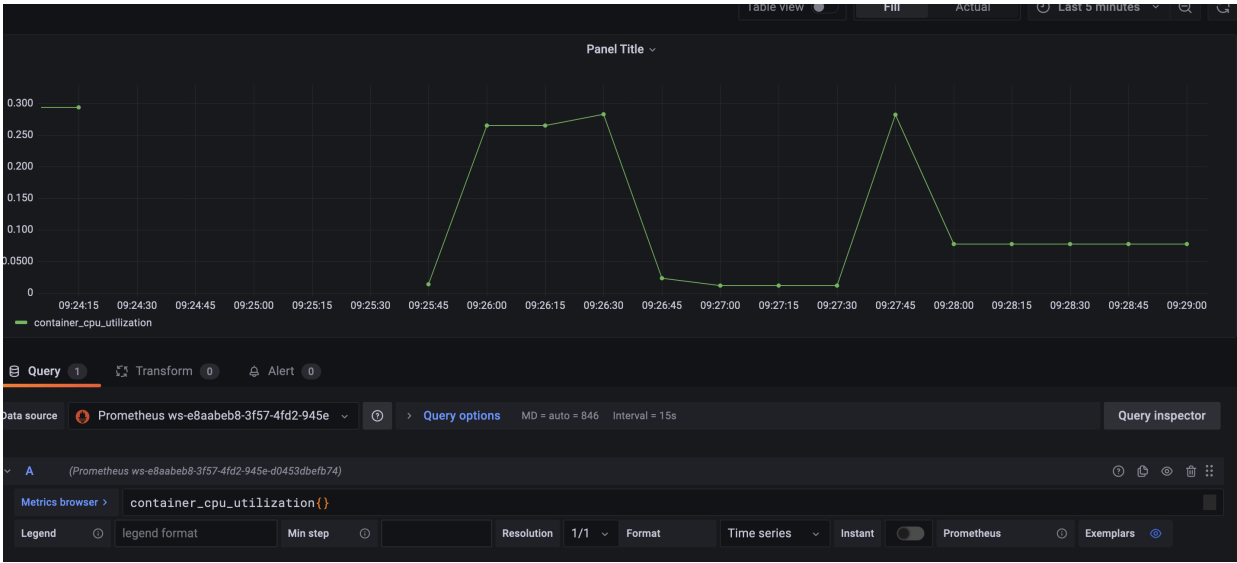
Command

```
88665a582fe5:charts raviru$ helm install amp-testing-single adot-exporter-for-eks-on-ec2 --set clusterName=test-multi --set awsRegion=us-west-2
NAME: amp-testing-single
LAST DEPLOYED: Thu Mar 10 09:25:25 2022
NAMESPACE: default
STATUS: deployed
REVISION: 1
TEST SUITE: None
NOTES:
Thank you for installing adot-exporter-for-eks-on-ec2.

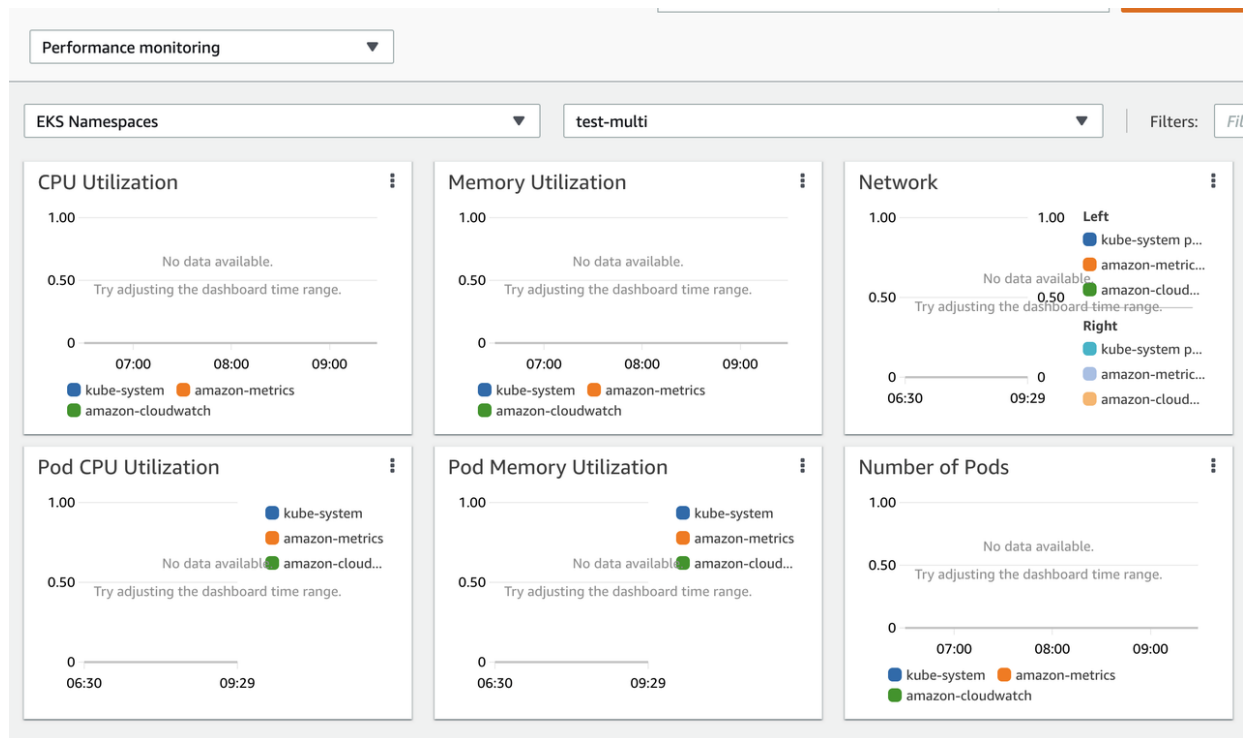
Your release is named amp-testing-single.
```

```
88665a582fe5:charts raviru$ kubectl get pods --all-namespaces
NAMESPACE      NAME                                READY   STATUS    RESTARTS   AGE
amazon-metrics  adot-collector-daemonset-w26j7     1/1     Running   0           4m46s
kube-system     aws-node-gpc22                     1/1     Running   0           5m27s
```

Grafana Dashboard



CloudWatch Dashboard



5. Single pods → CloudWatch only

Command

```
88665a582fe5:charts raviru$ helm install \
> adot-exporter-for-eks-on-ec2 \
> --set clusterName=test-single \
> --set awsRegion=us-west-2 \
> --set adotCollector.daemonSet.cwEnabled=true \
> --set adotCollector.daemonSet.ampEnabled=false \
> --set fluentbit.enabled=true
```

```
88665a582fe5:charts raviru$ kubectl get pods --all-namespaces
NAMESPACE   NAME                               READY   STATUS    RESTARTS   AGE
amazon-cloudwatch   fluent-bit-pz1lx                 1/1     Running   0          16s
amazon-metrics      adot-collector-daemonset-f2174  0/1     Pending  0          16s
```

Grafana Dashboard

CloudWatch Dashboard

6. Single pods → both pipelines

Command

Grafana Dashboard

CloudWatch Dashboard