Daemonset yaml and metrics

```
deepa@ubuntu:~/devops/kind/daemonset$ kubectl get daemonset node-monitor
NAME            DESIRED    CURRENT    READY    UP-TO-DATE    AVAILABLE    NODE SELECTOR    AGE
node-monitor    1          1          1        1             1            <none>           4m10s
deepa@ubuntu:~/devops/kind/daemonset$
```
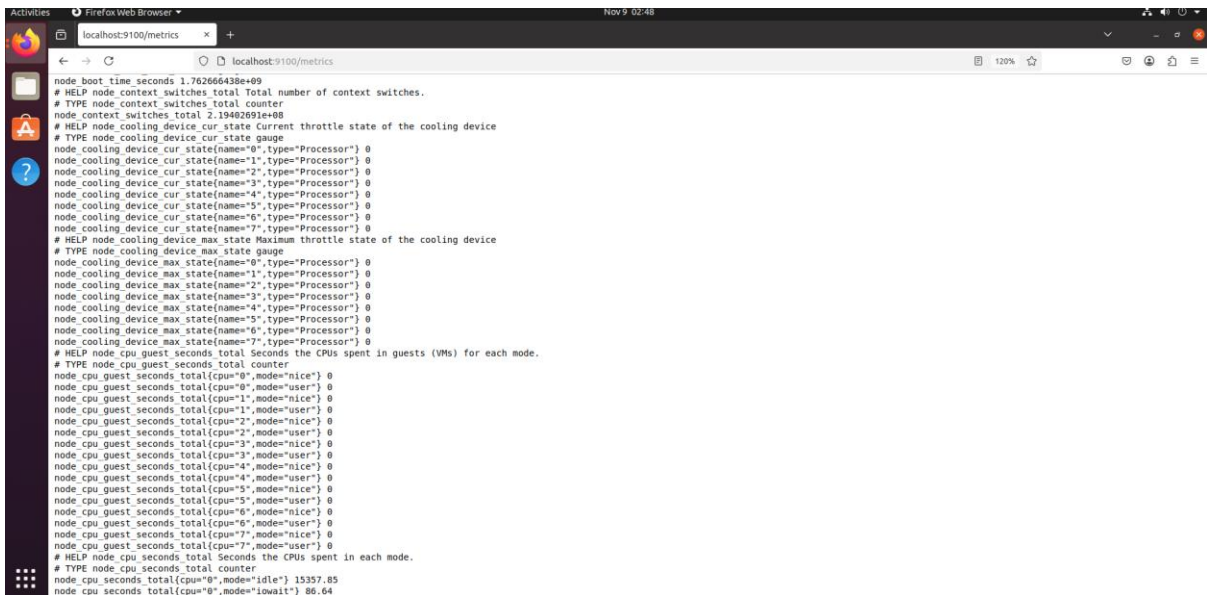
```
deepa@ubuntu:~/devops/kind/daemonset$ kubectl get pods -o wide -l app=node-monitor
NAME                READY    STATUS     RESTARTS    AGE    IP            NODE                       NOMINATED NODE    READINESS GATES
node-monitor-2fc4q  1/1      Running    0           7m1s   10.244.0.17   dev-cluster-control-plane  <none>            <none>
deepa@ubuntu:~/devops/kind/daemonset$
```

To see metrics: port forward

```
deepa@ubuntu:~/devops/kind/daemonset$ #port forwarding to local system
deepa@ubuntu:~/devops/kind/daemonset$
deepa@ubuntu:~/devops/kind/daemonset$ kubectl port-forward pod/node-monitor-2fc4q 9100:9100
Forwarding from 127.0.0.1:9100 → 9100
Forwarding from [::1]:9100 → 9100
```

http://localhost:9100/metrics

Use an ephemeral debug container:

kubectl debug -it node-monitor-2fc4q --image=busybox --target=node-exporter
inside the container:
wget -qO- localhost:9100/metrics | head

```
deepa@ubuntu:~/devops/kind/daemonset$
deepa@ubuntu:~/devops/kind/daemonset$ kubectl debug -it node-monitor-2fc4q --image=busybox --target=node-exporter
Targeting container "node-exporter". If you don't see processes from this container it may be because the container runtime doesn't support thi
s feature.
--profile=legacy is deprecated and will be removed in the future. It is recommended to explicitly specify a profile, for example "--profile=gen
eral".
Defaulting debug container name to debugger-rd78p.
All commands and output from this session will be recorded in container logs, including credentials and sensitive information passed through th
e command prompt.
If you don't see a command prompt, try pressing enter.
/ # wget -qO- localhost:9100/metrics | head
# HELP go_gc_duration_seconds A summary of the wall-time pause (stop-the-world) duration in garbage collection cycles.
# TYPE go_gc_duration_seconds summary
go_gc_duration_seconds{quantile="0"} 4.0193e-05
go_gc_duration_seconds{quantile="0.25"} 6.3834e-05
go_gc_duration_seconds{quantile="0.5"} 0.00012521
go_gc_duration_seconds{quantile="0.75"} 0.000226406
go_gc_duration_seconds{quantile="1"} 0.000371654
go_gc_duration_seconds_sum 0.000931788
go_gc_duration_seconds_count 6
# HELP go_gc_gogc_percent Heap size target percentage configured by the user, otherwise 100. This value is set by the GOGC environment variable
, and the runtime/debug.SetGCPercent function. Sourced from /gc/gogc:percent.
/ #
```