A close up of a logo

Description automatically generated

**Lesson 4 Demo 7**

**Understanding Health Monitoring**



Steps to be followed:

1. Creating a DaemonSet that monitors health

**Step 1: Creating a DaemonSet that monitors health**

1. Create a DaemonSet yaml file like following:

***vi demo7.yaml***

1. Add the following code to the file:

***apiVersion: apps/v1***

***kind: DaemonSet***

***metadata:***

***name: node-problem-detector-v0.1***

***namespace: kube-system***

***labels:***

***k8s-app: node-problem-detector***

***version: v0.1***

***kubernetes.io/cluster-service: "true"***

***spec:***

***selector:***

***matchLabels:***

***k8s-app: node-problem-detector***

***version: v0.1***

***kubernetes.io/cluster-service: "true"***

***template:***

***metadata:***

***labels:***

***k8s-app: node-problem-detector***

***version: v0.1***

***kubernetes.io/cluster-service: "true"***

***spec:***

***hostNetwork: true***

***containers:***

***- name: node-problem-detector***

***image: k8s.gcr.io/node-problem-detector:v0.1***

***securityContext:***

***privileged: true***

***resources:***

***limits:***

***cpu: "200m"***

***memory: "100Mi"***

***requests:***

***cpu: "20m"***

***memory: "20Mi"***

***volumeMounts:***

***- name: log***

***mountPath: /log***

***readOnly: true***

***volumes:***

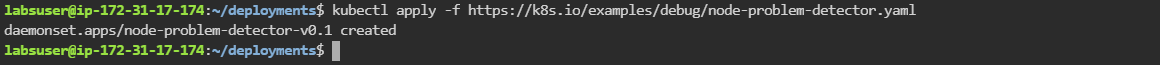
***- name: log***

***hostPath:***

***path: /var/log/***

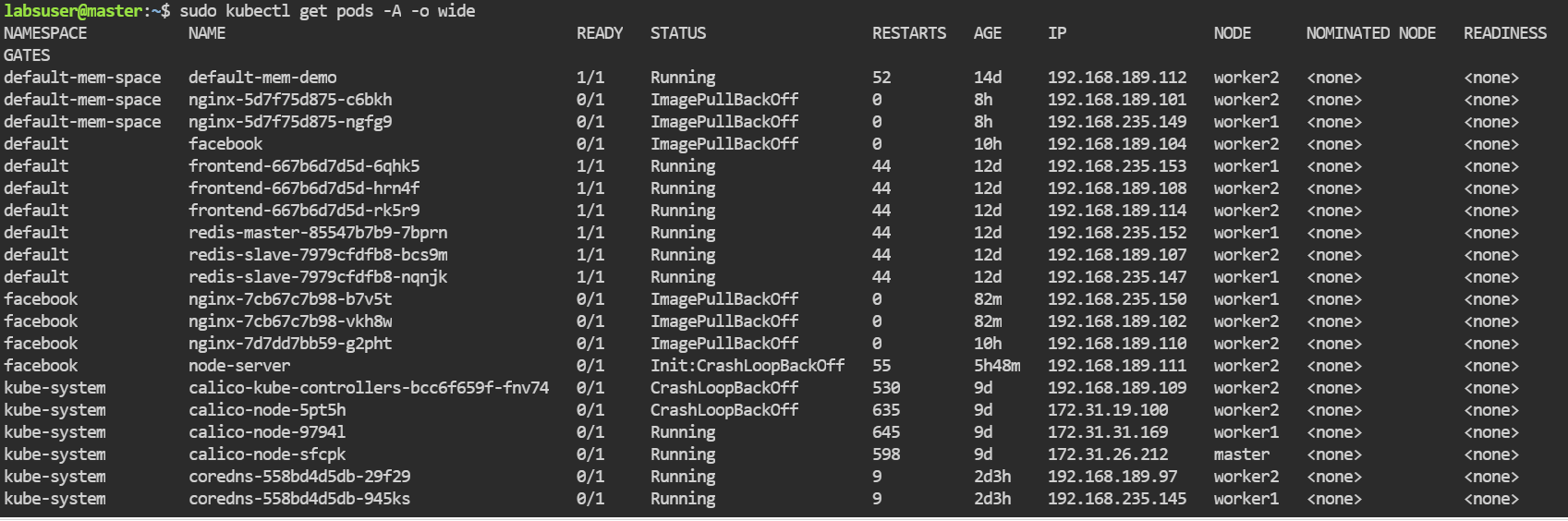
1. Enter the following command to create a DaemonSet:

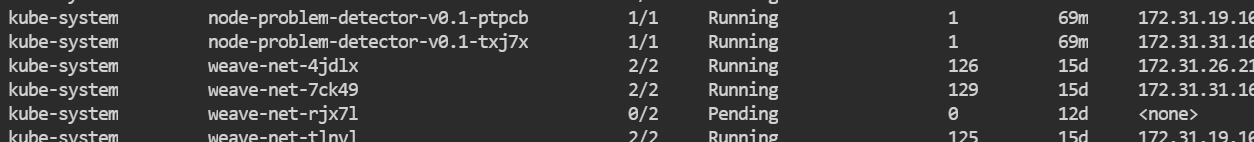
***kubectl apply -f demo7.yaml***

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1. Enter the following command to check the status:

***kubectl get pods -A -o wide***

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