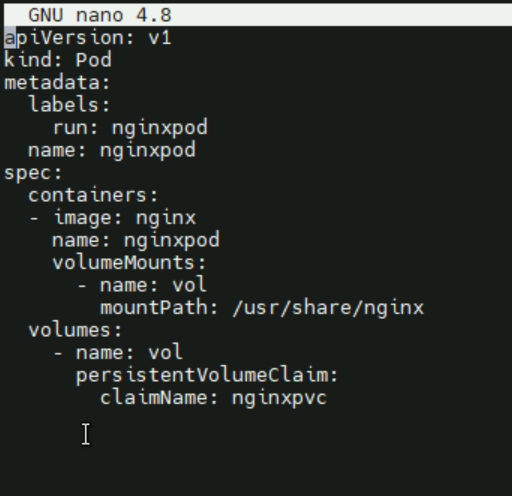
**Q3. KUBERNETES**

**Step1: Pod Configuration**

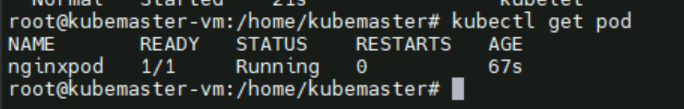
Pod.yaml with volume attached

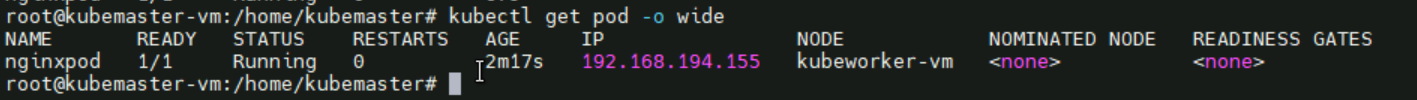
Image: nginx



Pod is running

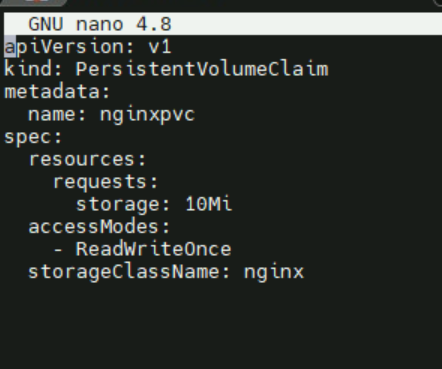
>> Kubectl get pod



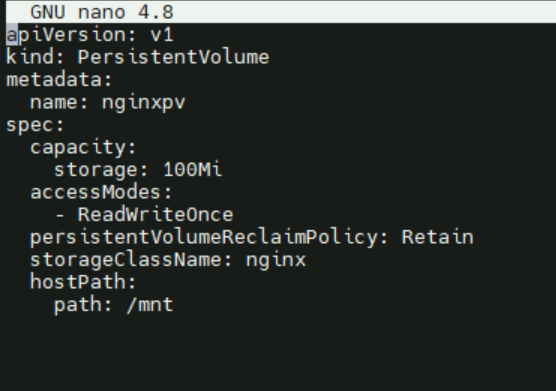


**Step2: Volume configuration**

Pvc.yaml



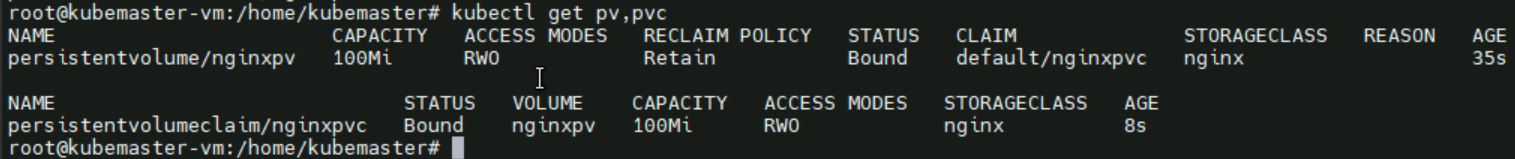
Pv.yaml



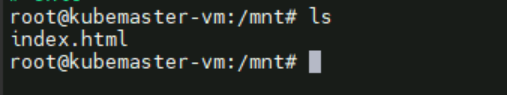
Ensuring volumes (pv and pvc are working fine)

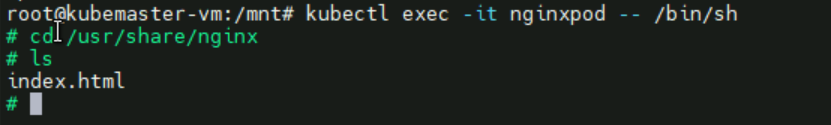
>> kubectl get pv,pvc

Now we can see the status that pv and pvc are bounded each other



**Step3: File serving**



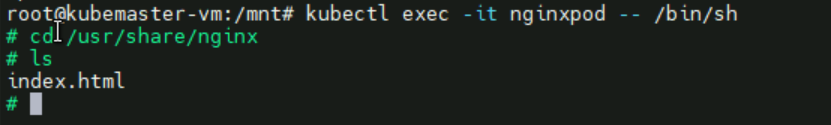


File inside the host path can see in

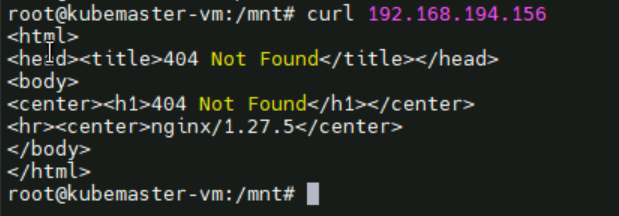
**Step4: Validation**

Verify the pod / container

>> kubectl exec -it nginxpod -- /bin/sh



Content served by nginx



NOTE: Whatever the contents give to container mount path ( /usr/share/nginx) can be seen in host path given in pv (/mnt) and vice versa