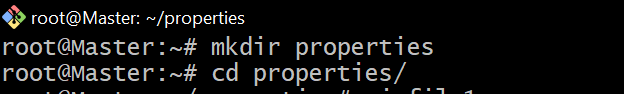
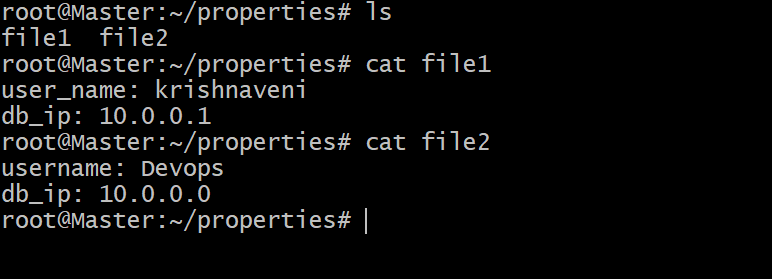
KUBERNETES[TASK-06]

# 1) Create a ConfigMap from a directory containing multiple files and inject the variables into a pod as environment variables.

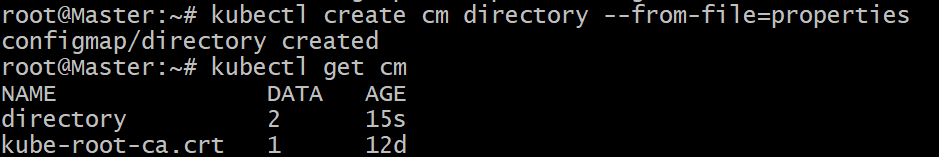
Creating a directory

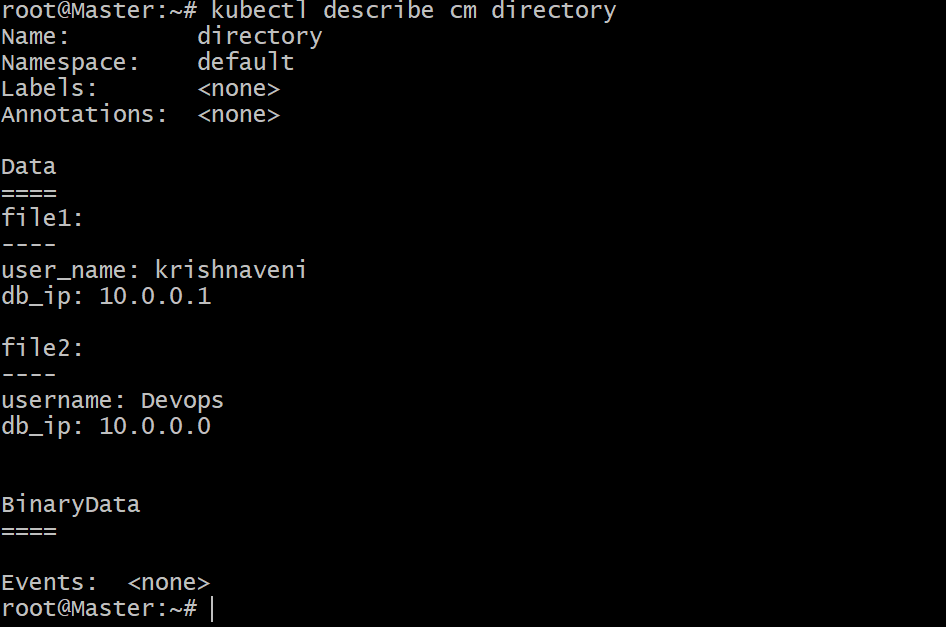


Creating multiple files in the directory



Creating config map from the directory



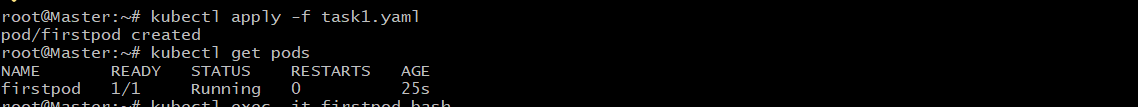


Inject the variables into a pod as environment variables.

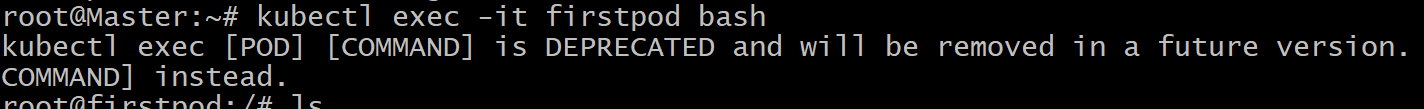
Creating a pod

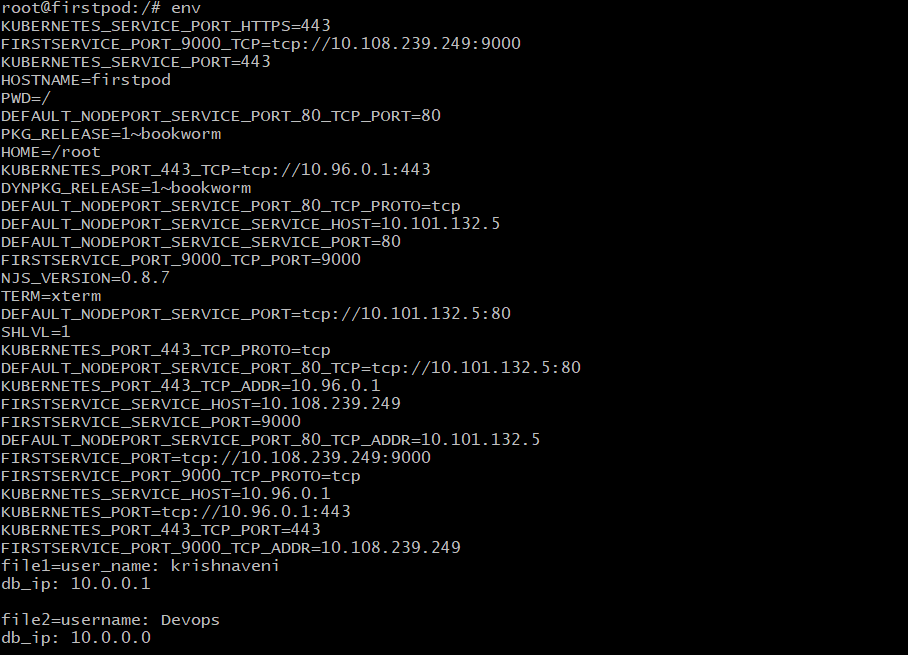


Create and apply the pod



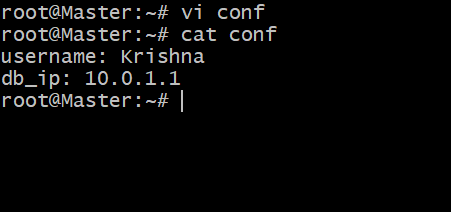
Login into the pod



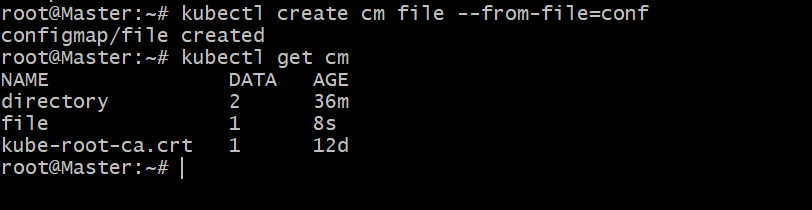


# 2) Create a ConfigMap from a file and mount it as a volume inside a pod, ensuring the configuration data is available as files.

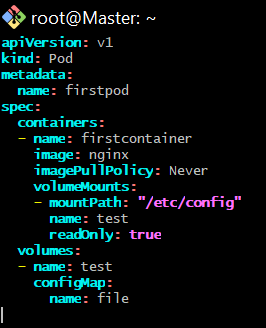
Created a file



Creating a config map from a file



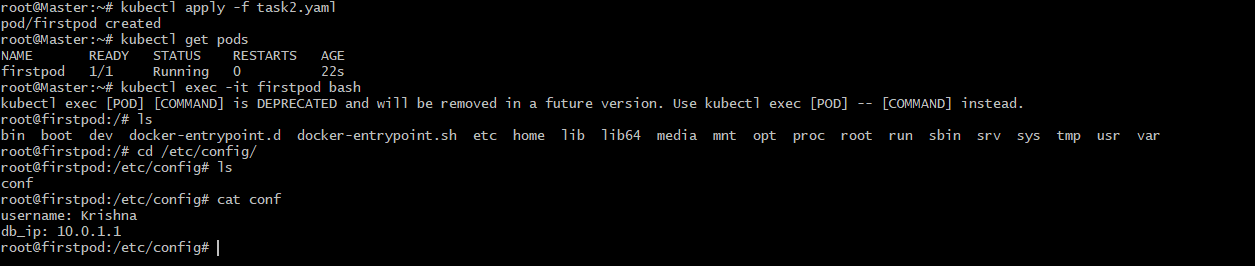
Creating a pod



Create and apply the pod

Next login into the container and

# mounting it as a volume inside a pod, ensuring the configuration data is available as files.

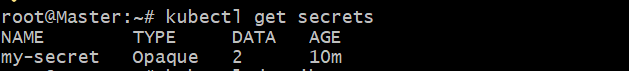


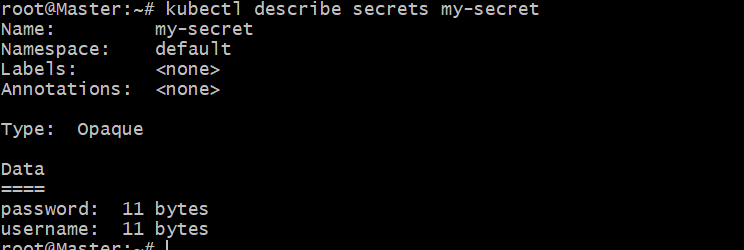
# 3) Create a Secret with sensitive information (username and password) and inject it into a pod as environment variables.

Creating a secret

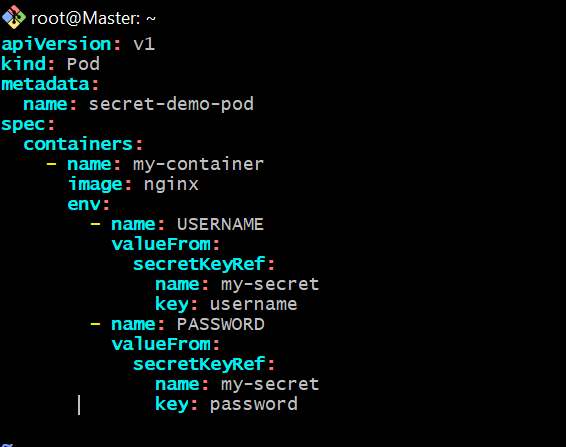
*kubectl create secret generic my-secret --from-literal=username=Krishnaveni --from-literal=password=Krishna@123*

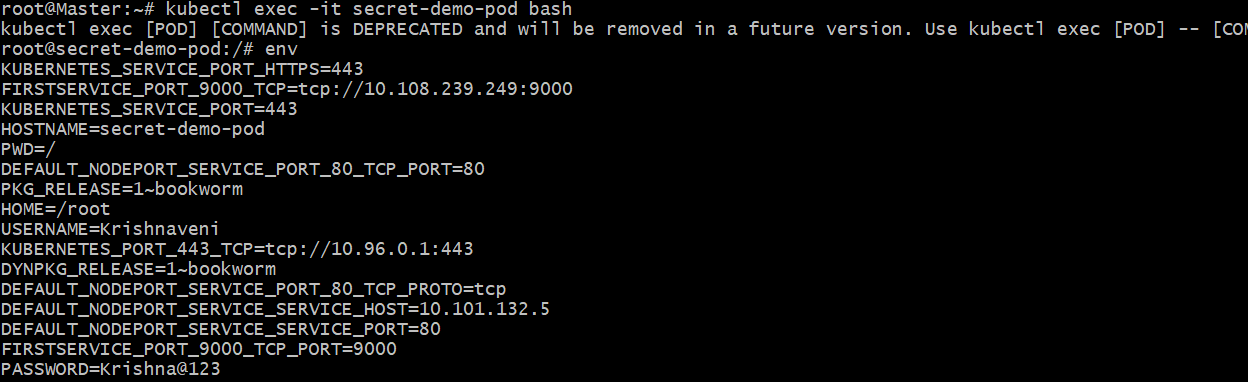






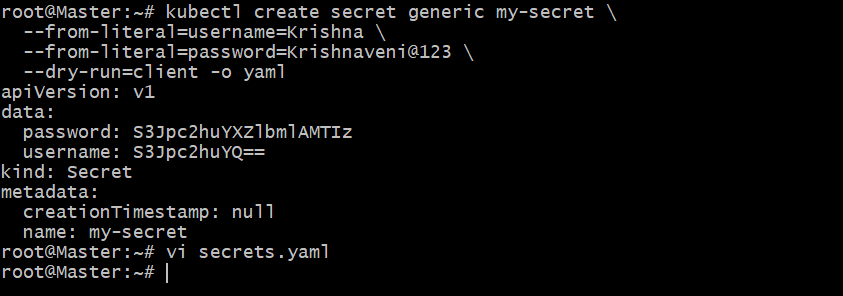
Creating a pod to inject secret as env variables





# 4) Create a Secret using a YAML file, mount it as a volume in a pod, and verify the specific Secret values are available as files.

To create a secrets file[Generated]

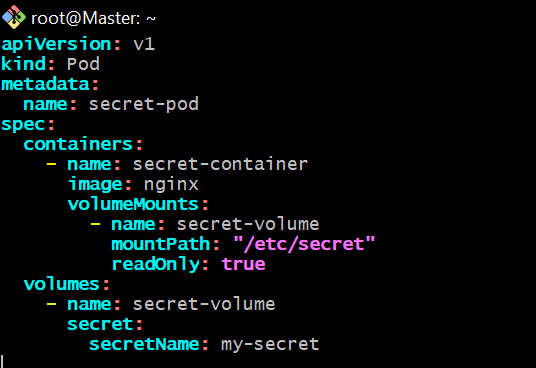


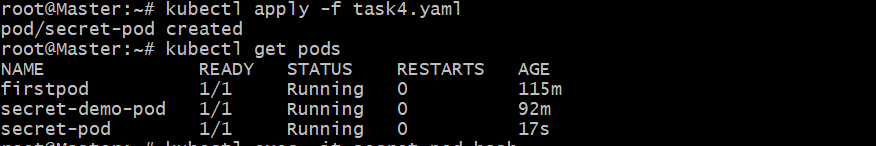


Created secret.yaml file[and paste the generated secret.yaml file]

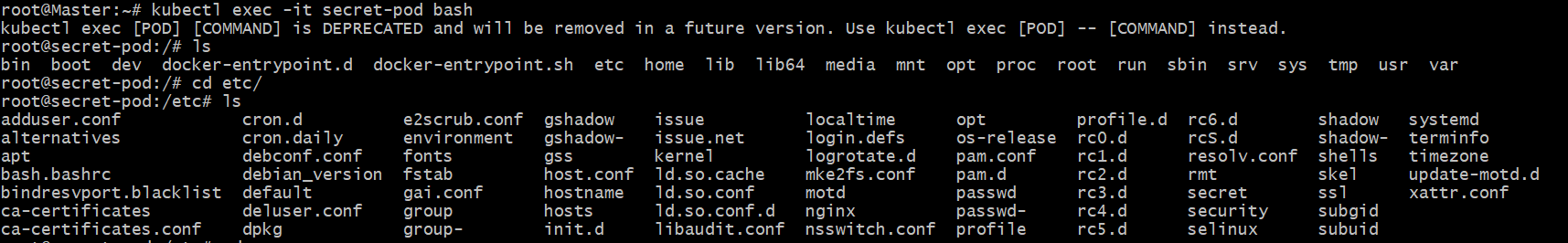


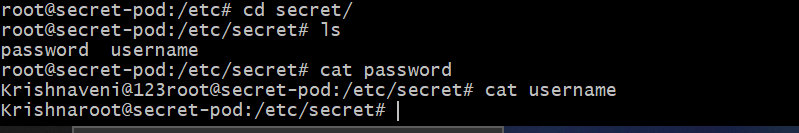
Created one task4.yaml file[mount it as a volume in a pod, and verify the specific Secret values are available as files]





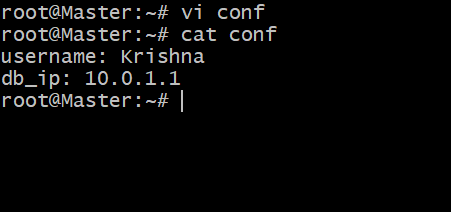
Login into the pod



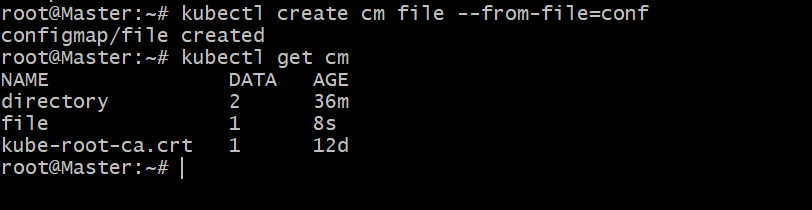


# 5) Inject a ConfigMap as environment variables and a Secret as files into the same pod, ensuring both are accessible within the pod.

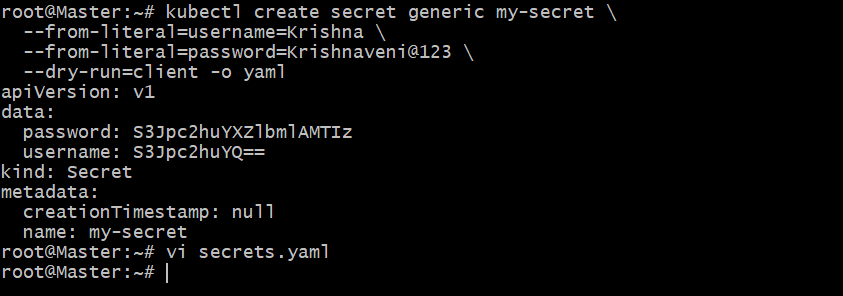
Created a configmap as env variables



Creating a config map from a file



**Now,Secret as files**



Pasted the above ,in secret.yaml



**Creating a pod**

