**Image security**

We use private repo to pull out production images to run them in our pods/containers. We can specify the private registry url to pull the image and use secrets for the credentials to access the private repo.

In this example we will pull the myapp image from my docker repo and use the credentials as secrets to access the repo.

Create the secret first to use it in either pod definition or deployment manifest.

$ kubectl create docker-registry myapp-docker-secret --docker-username=somenathghosh04 --docker-password=<password> --docker-email=[somenath.ghosh04@gmail.com](mailto:somenath.ghosh04@gmail.com)

Use the secret to pass on the docker repo credentials -

apiVersion: apps/v1

kind: Deployment

metadata:

labels:

app: myapp

name: myapp

spec:

replicas: 2

selector:

matchLabels:

app: myapp

template:

metadata:

labels:

app: myapp

spec:

**imagePullSecrets:**

**- name:** **myapp-docker-secret**

containers:

- image: docker.io/somenathghosh04/myapp

name: myapp

ports:

- containerPort: 80