

1. Deployment yaml file

```
apiVersion: extensions/v1beta1
kind: Deployment
metadata:
  name: akash-nginx-deployment
spec:
  replicas: 2
  minReadySeconds: 15
  strategy:
    type: RollingUpdate
    rollingUpdate:
      maxUnavailable: 1
      maxSurge: 1
  template:
    metadata:
      labels:
        app: nginx
    spec:
      containers:
        - image: akashmahale/hello-world:1
          imagePullPolicy: Always
          name: nginx
          ports:
            - containerPort: 8080
```

2. Service yaml file

a. Load Balancer:

```
kind: Service
metadata:
  name: akash-nginx-lb
spec:
  type: LoadBalancer
  ports:
    - port: 80
      protocol: TCP
      targetPort: 80
  selector:
    app: akash-nginx
```

B. NodePort

kind: Service

metadata:

name: akash-nginx-lb

spec:

type: NodePort

ports:

- port: 80

protocol: TCP

targetPort: 80

selector:

app: akash-nginx

C. ClusterIP

kind: Service

metadata:

name: akash-nginx-lb

spec:

type: ClusterIP

ports:

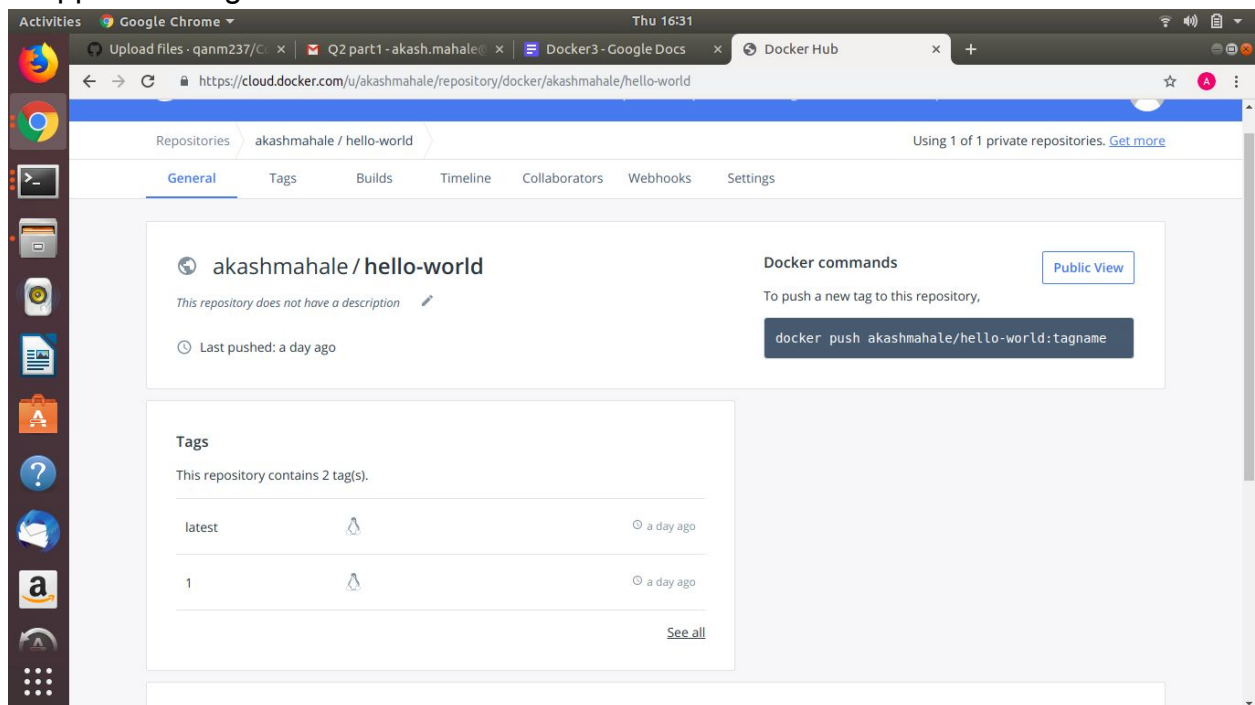
- port: 80

protocol: TCP

targetPort: 80

selector:

app: akash-nginx



The image which is pulled from the Docker Hub.

