# Kubernetes Networking

## Services

Create deployment kubectl apply -f https://raw.githubusercontent.com/Piotr1215/dca-exercises/master/k8s/deployment/1-create-deployment.yaml

Expose Service: k expose deployment.app/nginx-test --port 80 --target-port 80 --type NodePort --name nginxsvc

Create ingress controller: kubectl apply -f https://raw.githubusercontent.com/kubernetes/ingress-nginx/controller-v0.43.0/deploy/static/provider/baremetal/deploy.yaml

kubectl get pods -n ingress-nginx -l app.kubernetes.io/name=ingress-nginx –watch

Create Ingress:

cat << EOF | kubectl create -f -

apiVersion: networking.k8s.io/v1beta1

kind: Ingress

metadata:

name: example-ingress

annotations:

kubernetes.io/ingress.class: "nginx"

spec:

backend:

serviceName: nginxsvc

servicePort: 80

EOF