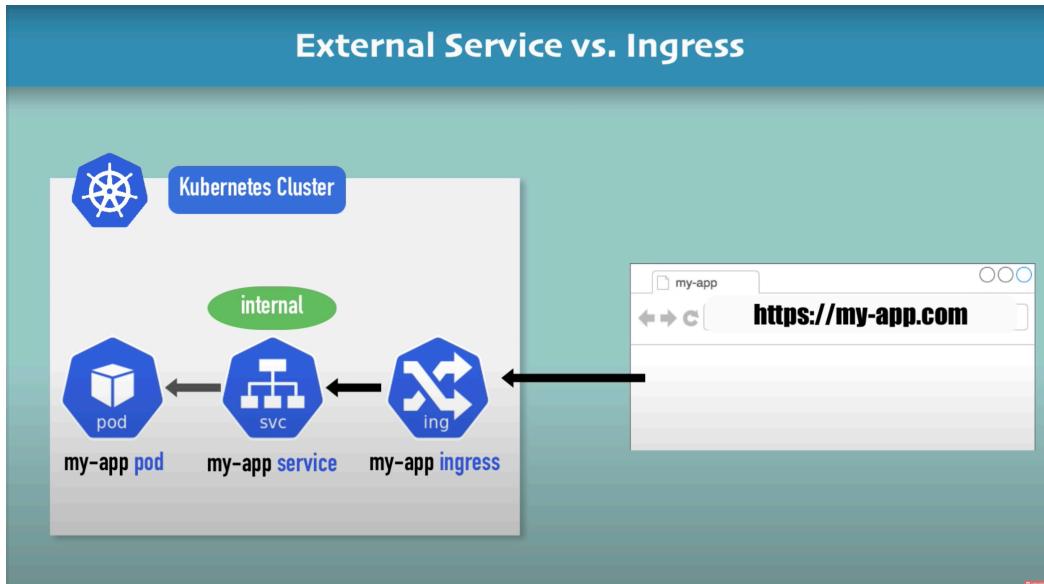
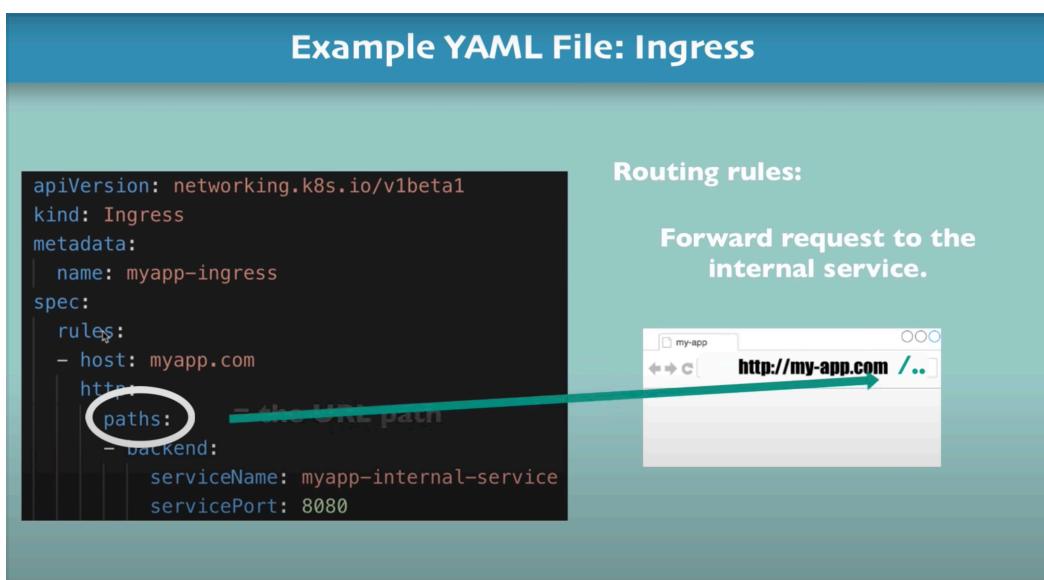


# Kubernetes Ingress

- What is Ingress

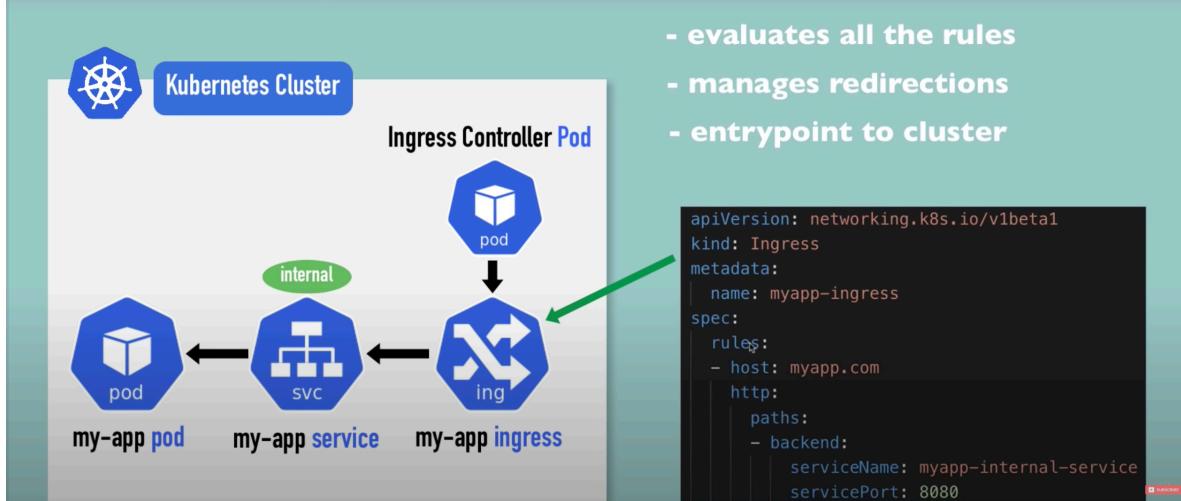


- Ingress YAML configuration
  - Kind: Ingress
  - Spec: (basically will have routing rules in the spec)

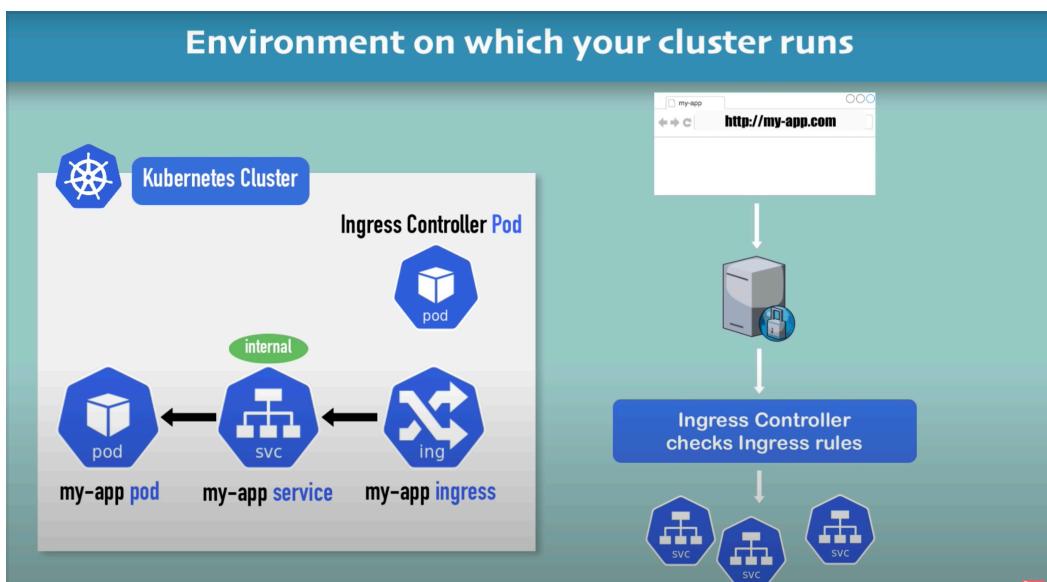


- When do you need Ingress?
- Ingress Controller
  - You need an implementation for Ingress, otherwise just writing in the file won't work and that implementation is called Ingress Controller.
  - So you have to install ingress controller which will basically another set of pods that will run on your node in your k8s cluster and thus evaluating and processing Ingress rules.
  - Ingress Controller Pod will be the entry point to cluster
  - Some info - <https://youtu.be/X48VuDVv0do?t=7789>

## What is Ingress Controller?



- Bare-metal considerations - <https://kubernetes.github.io/ingress-nginx/deploy/baremetal/>



## Install Ingress Controller in Minikube



```
[~]$ minikube addons enable ingress
✓ ingress was successfully enabled
```

**Automatically starts the K8s Nginx implementation of Ingress Controller**

- kubectl get pod -n kube-system, will show the running ingress controller in the results of the command
- Once this is installed now we can create Ingress rule that the controller can evaluate