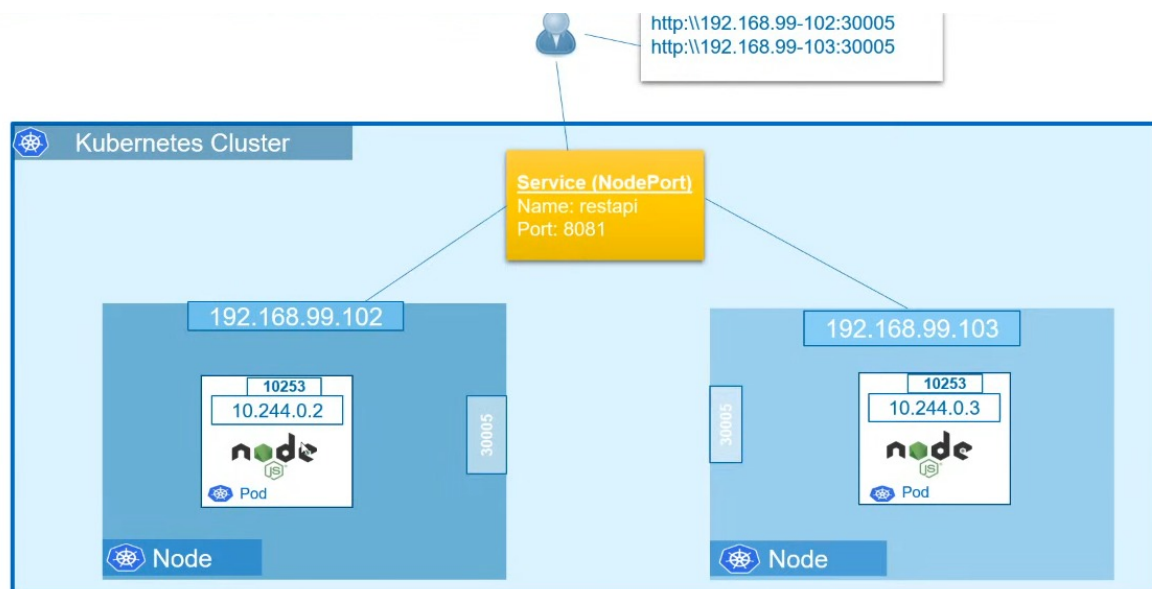# #045 Kubernetes - Services 5

Introduction

this is part 45 from the journey it's a long journey(360 day) so go please check previous parts , and if you need to walk in the journey with me please make sure to follow because I may post more than once in 1 Day but surely I will post daily at least one 😎.
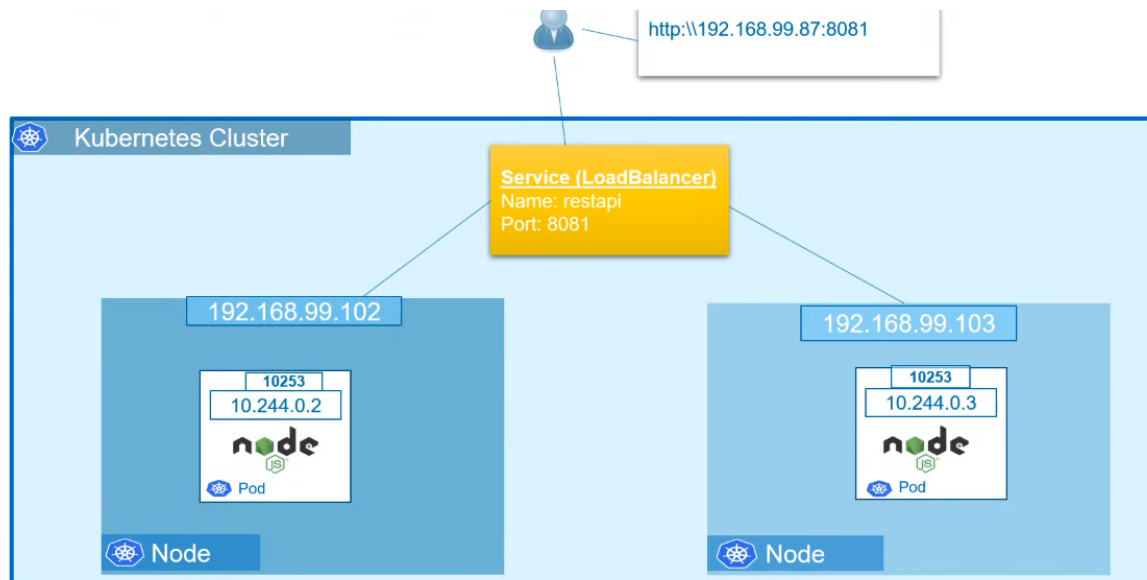
And I will cover lot of tools as we move on.

Load balancer

In NodePort every Node get an ip (minikube is a single local Node) .
I can access every node by it's IP even if it's an duplicate (replica) of another one ,
if we assume we have an big software , it's illogical to use many ips for our
software.
The solution is to use a LoadBalancer.

LoadBalancer create an external ip can drive us to any pod what ever the node it's
inside of it.
LoadBalancer is good for big softwares , but not very very big software with many
services every external IP address we pay for it so we can use Ingress , the Ingress
do LoadBalaning for all the services.

```
apiVersion: v1
kind: Service
metadata:
  name: api-service
spec:
  type: LoadBalancer
  ports:
    - targetPort: 10253
      port: 8081
  selector:
      app: myapp
      type: rest-api
```
This is an look at LoadBalancer , we just put the type to LoadBalancer.