Using MetalLB

Background

When deploying an on-premises k8s cluster, I ended up having a requirement to setup an "external" load balancer. The best candidate that fits this need was MetalLB.

- https://metallb.universe.tf

Walkthrough

I chose to use the `helm install` installation method to deploy MetalLB into my k8s cluster.

https://metallb.universe.tf/installation/#installation-with-helm

Setting up the external IP pool

```
---
configInline:
  address-pools:
   - name: default
     protocol: layer2
     addresses:
     - 192.168.200.50-192.168.200.60
...
```

Helm deployment of MetalLB

```
helm repo add metallb https://metallb.github.io/metallb

# see above for the snippet of the values.yml file
helm install metallb metallb/metallb -f values.yaml
```

Appendix

	Document	Link
1	MetalLB installation method	https://metallb.universe.tf/installation/
2	MetalLB repository	https://github.com/metallb/metallb