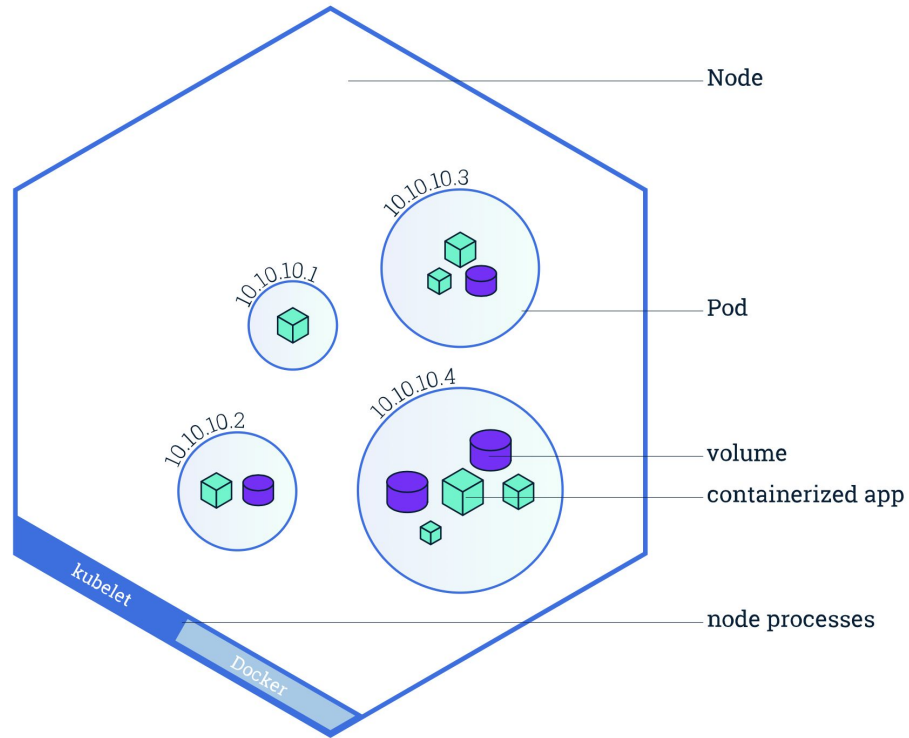# Dockerised Kubernetes

intro

Key Concepts...

- Pod
- Service
- ConfigMap
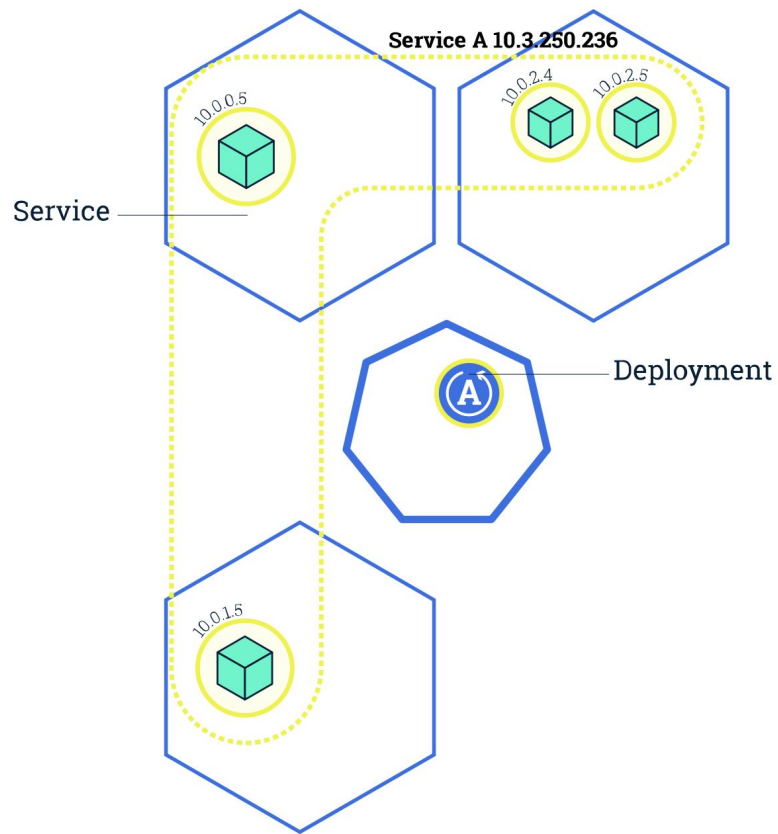- Ingress

...but much more to discover

- Secret
- PersistentVolume
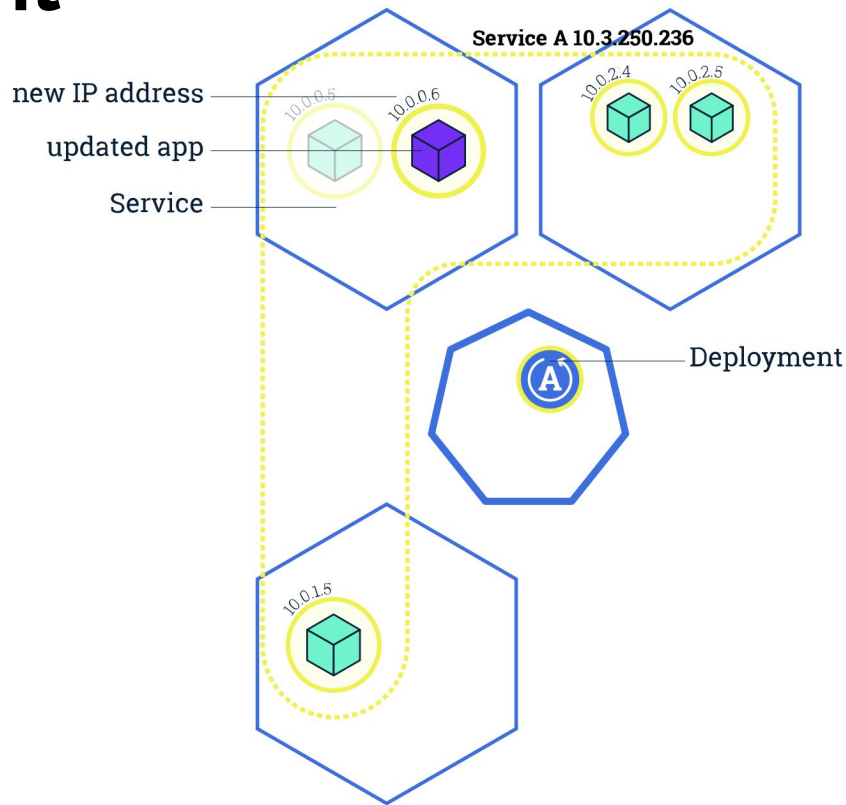- DaemonSet
- CustomResourceDefinition
- *many more!*

Pod

Node

10.10.10.3

Pod

10.10.10.1

10.10.10.4

10.10.10.2

volume

containerized app

kubelet

Docker

node processes

image from: https://kubernetesbootcamp.github.io/

Service

Service A 10.3.250.236

10.0.0.5

10.0.2.4   10.0.2.5

Service

Deployment

A

10.0.1.5

image from: https://kubernetesbootcamp.github.io/

Deployment

Service A 10.3.250.236

new IP address

updated app

Service

10.0.0.5

10.0.0.6

10.0.2.4

10.0.2.5

10.0.1.5

A

Deployment

image from: https://kubernetesbootcamp.github.io/

Let's Play Together!

(a.k.a.: hands on demo)

http://bit.ly/em-dk

https://github.com/enricomarchesin/dockerised-kubernetes

http://m**X**.kube.mok.it