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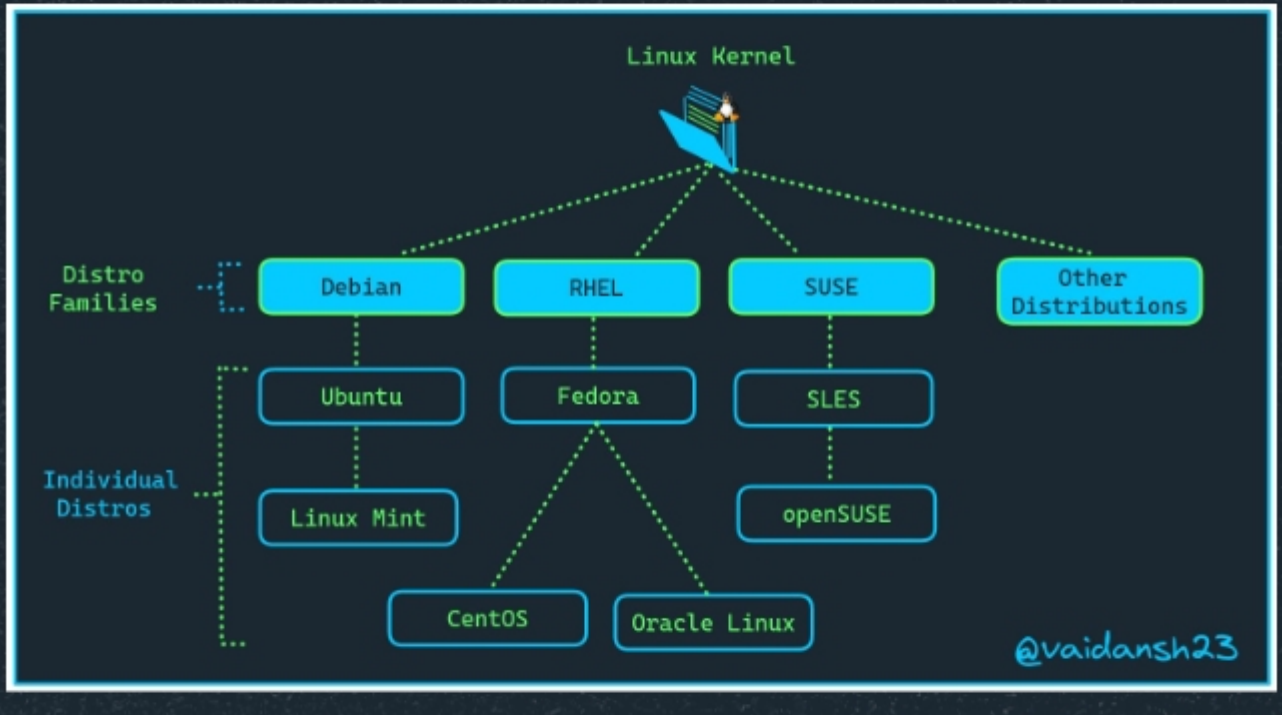
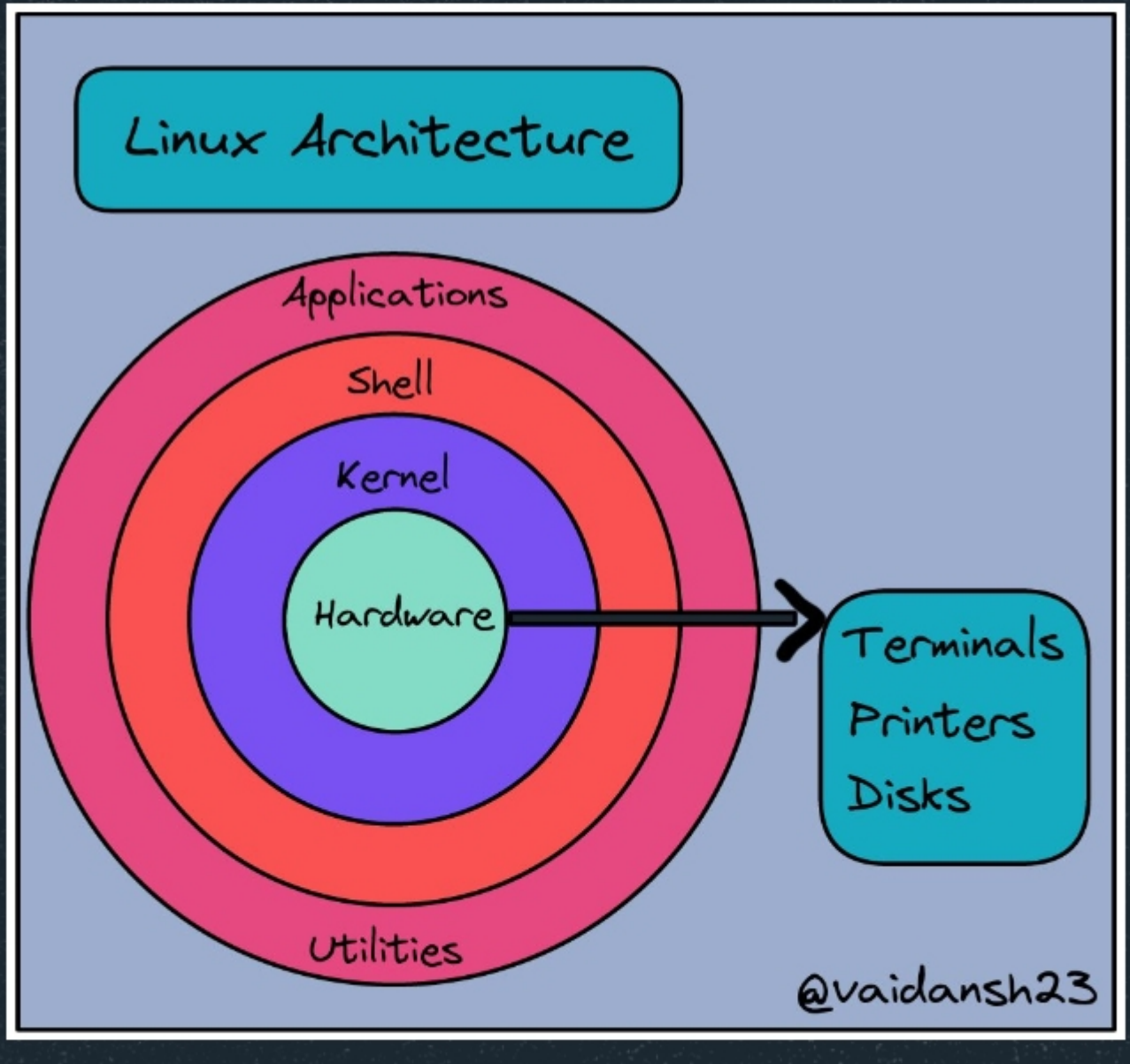
Linux Distributions



~Vaidansh Bhardwaj

Linux

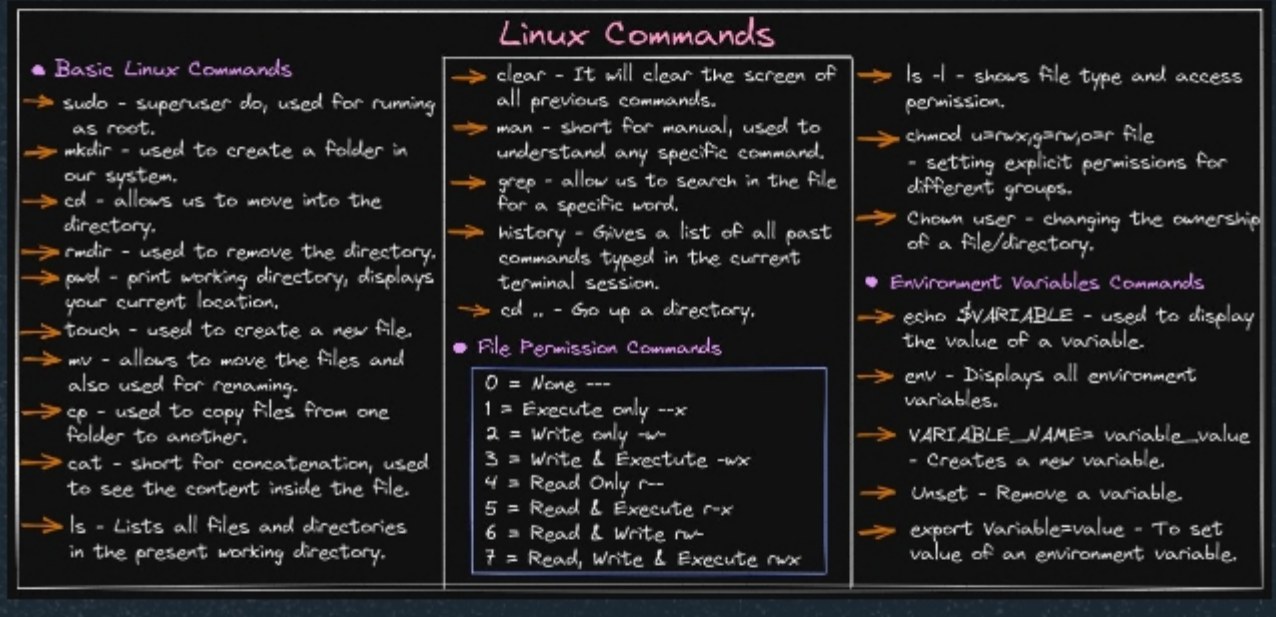
Linux Architecture



~Vaidansh Bhardwaj

Linux

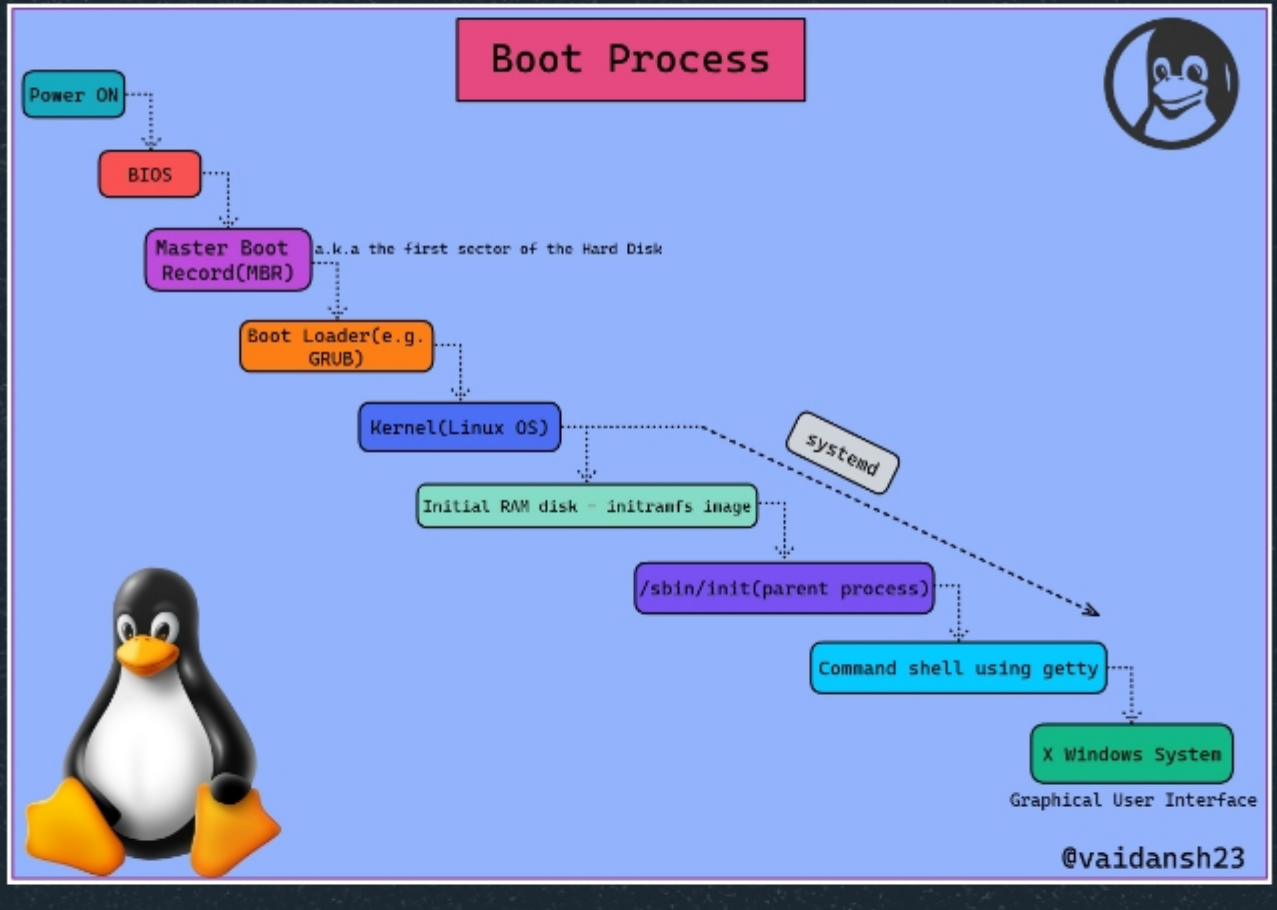
Linux Commands



~Harshita Rao

Linux

Linux Boot Process



~Vaidansh Bhardwaj

Kubernetes

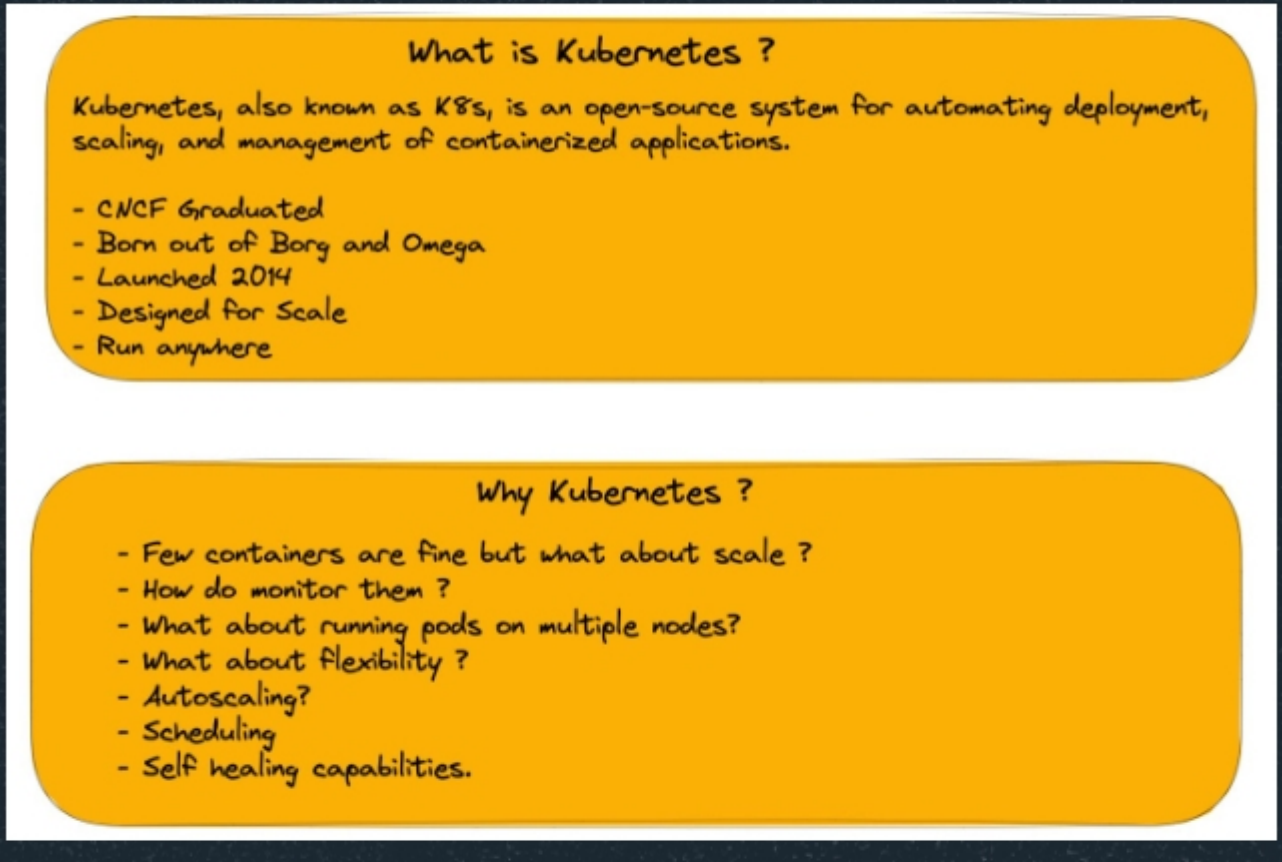
Kubernetes Series

A Series of diagrams from the Kubernetes 101 Workshop by Saiyam Pathak!

Here's the link to the workshop:
https://www.youtube.com/watch?v=PN3VqbZqmD8

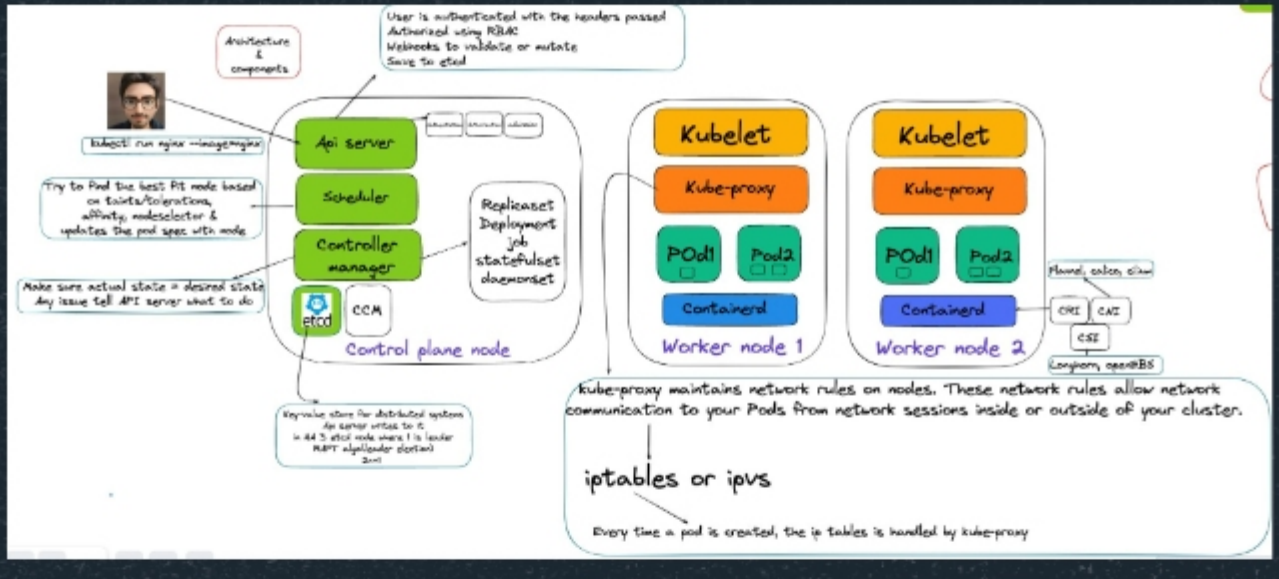
Kubernetes

Kubernetes Series: #1 Intro



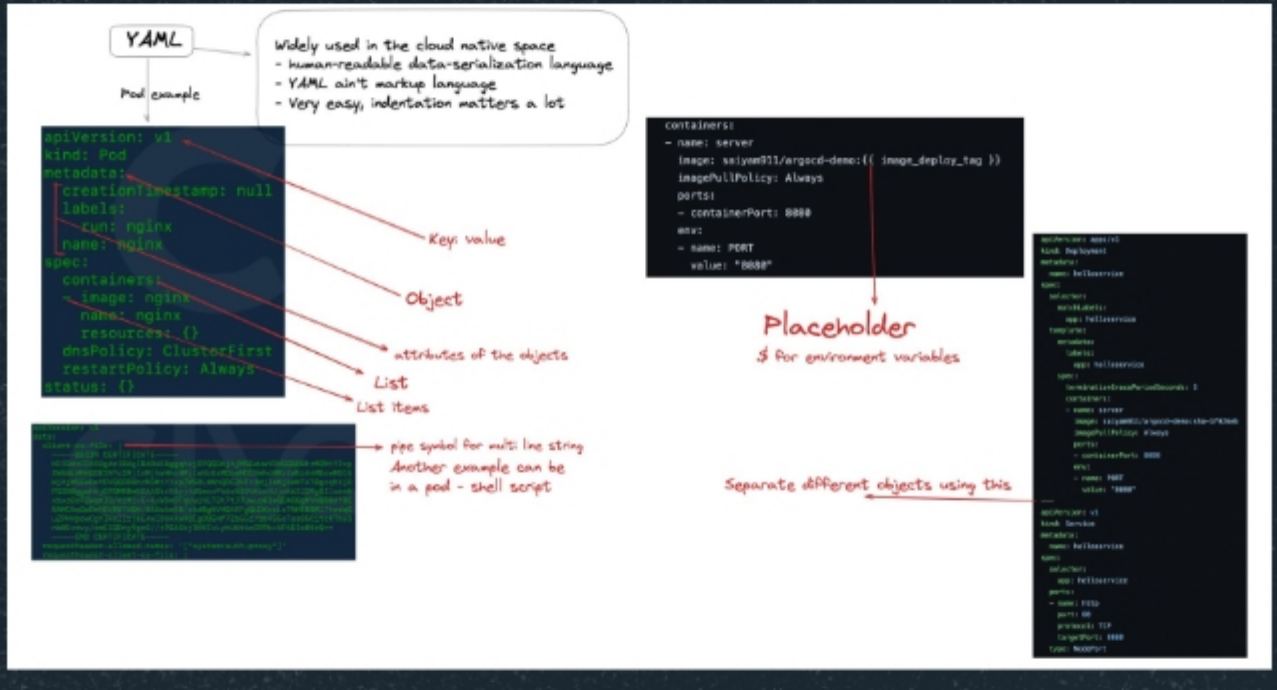
Kubernetes

Kubernetes Series: #2 Architecture & Components



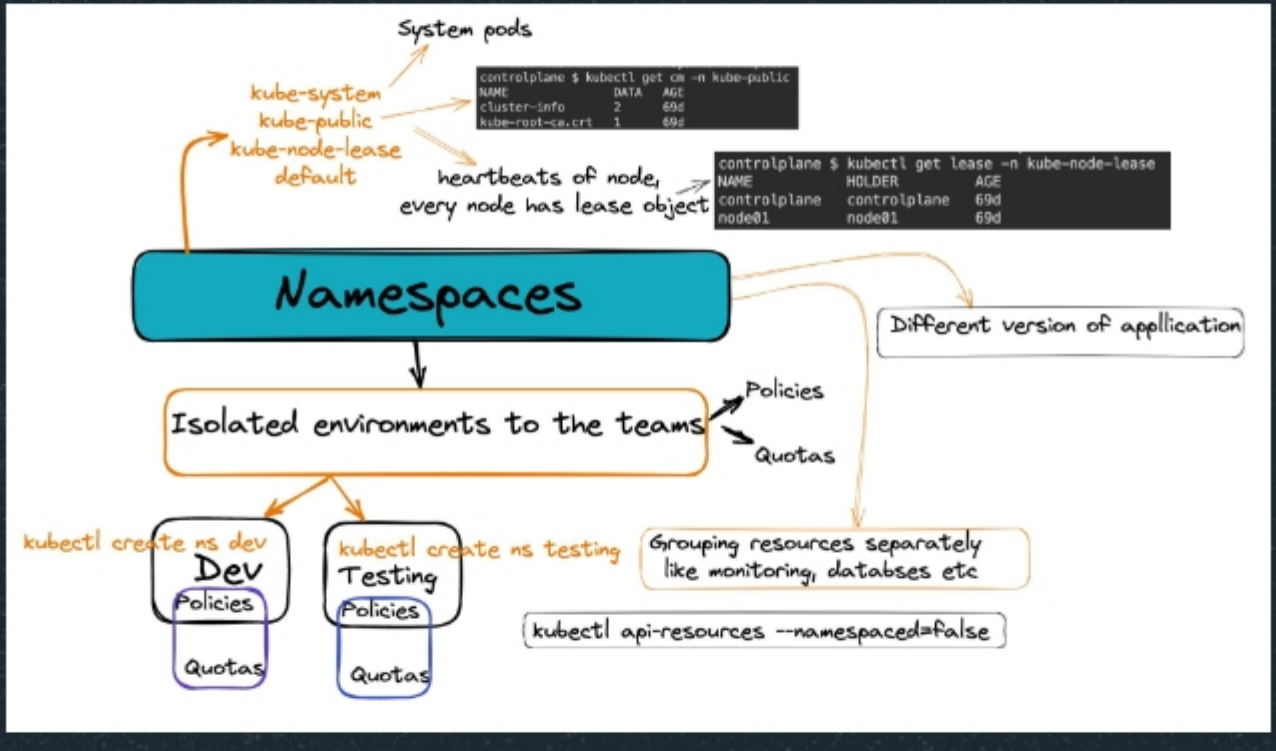
Kubernetes

Kubernetes Series: #3 YAML File



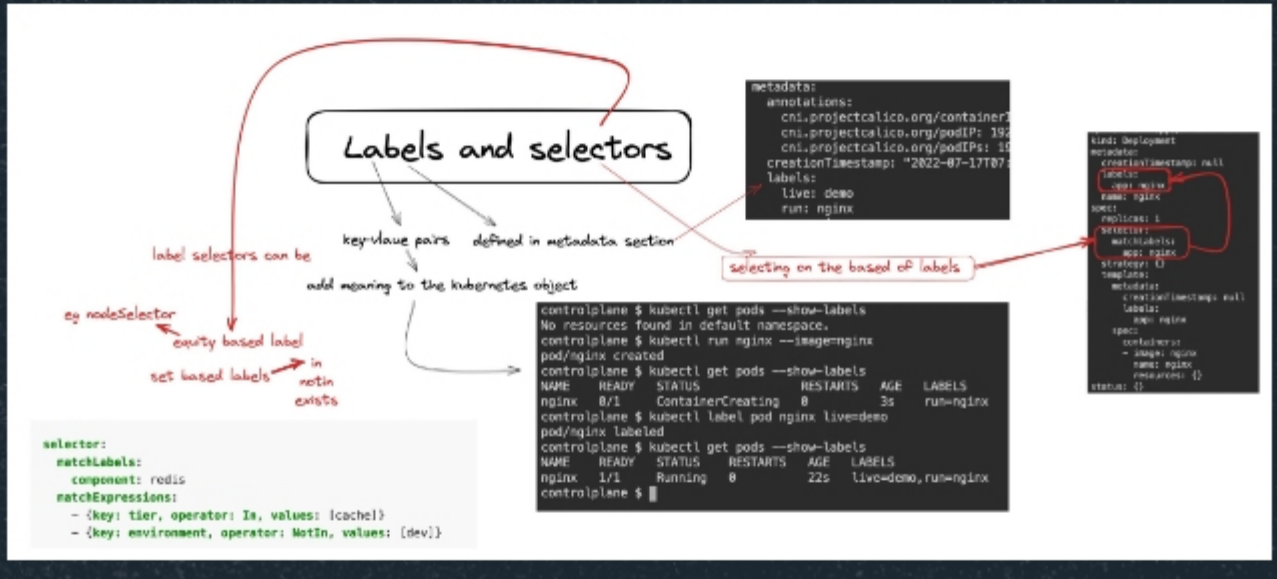
Kubernetes

Kubernetes Series: #4 Namespaces



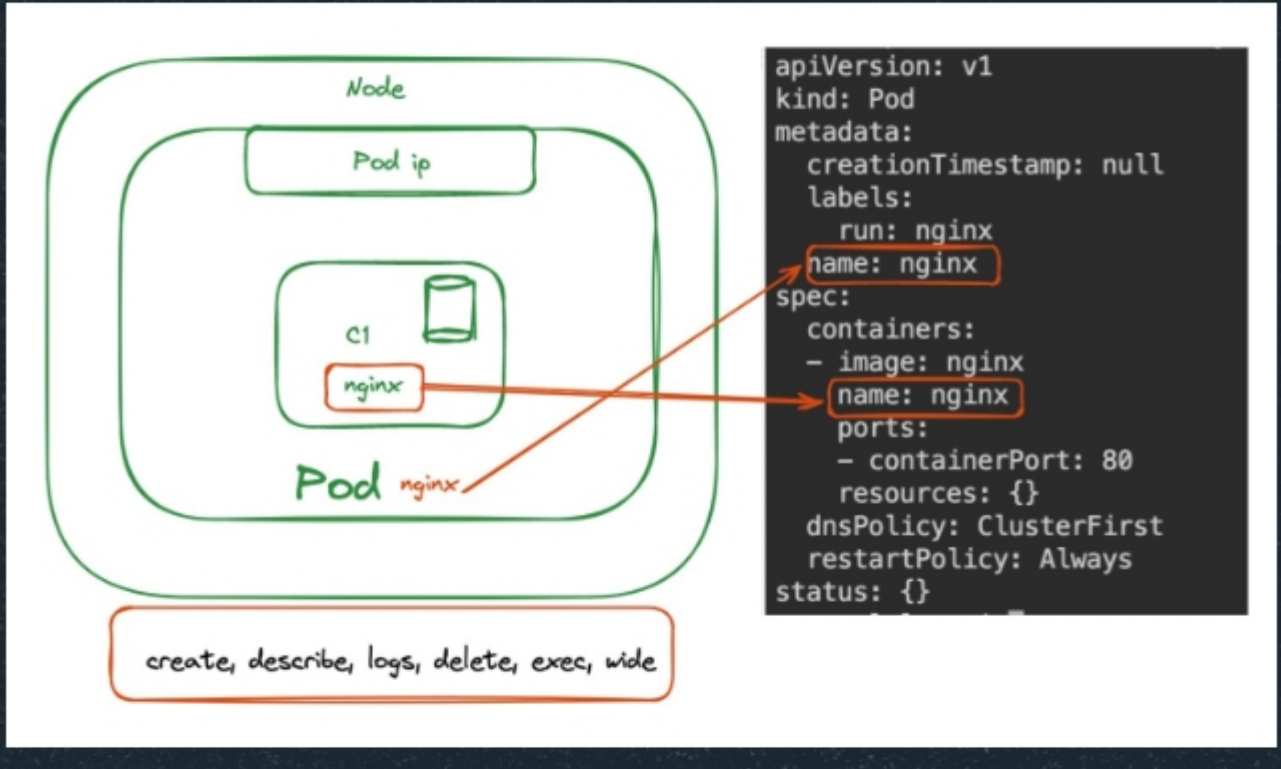
Kubernetes

Kubernetes Series: #5 Labels & Selectors



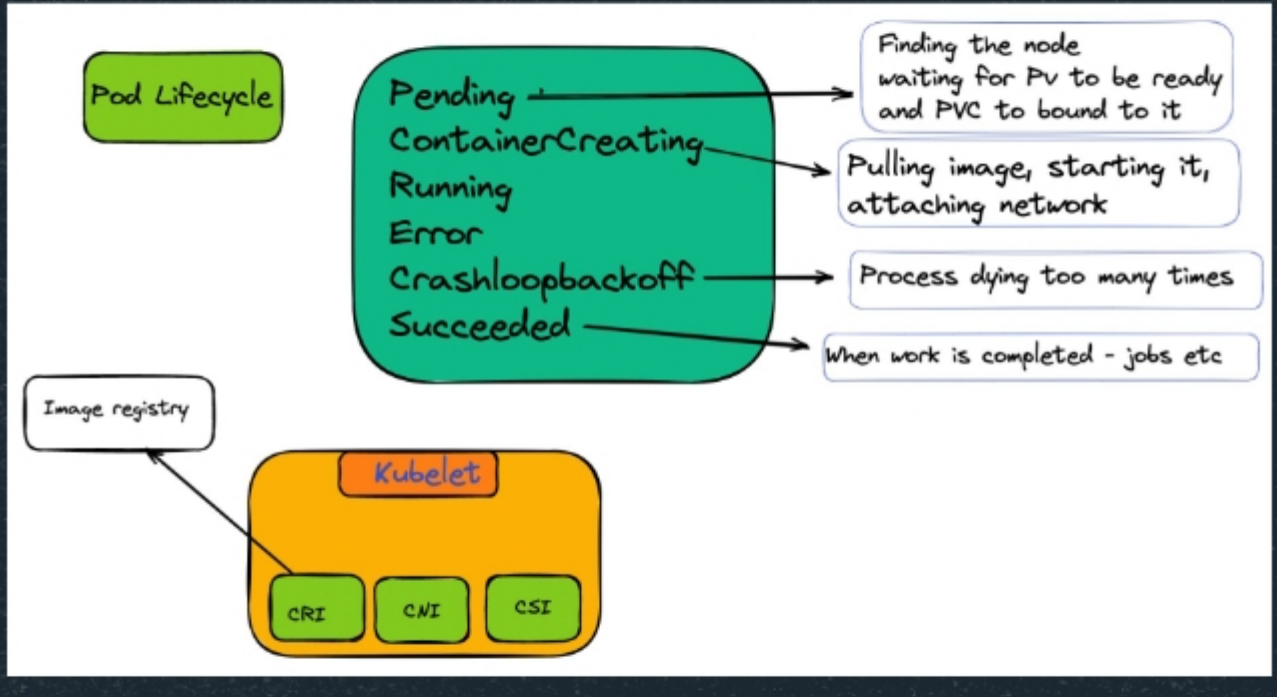
Kubernetes

Kubernetes Series: #6 PODS



Kubernetes

Kubernetes Series: #7 PODS Lifecycle

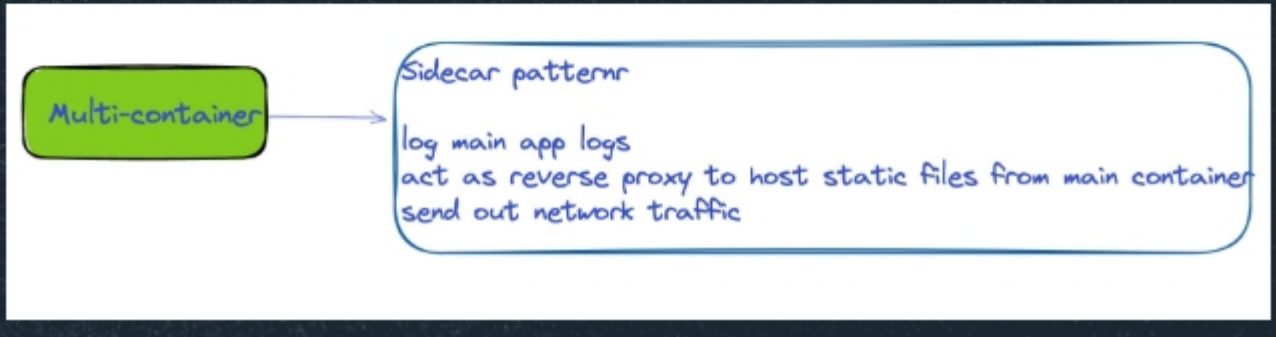


Kubernetes

Kubernetes Series: #8 INIT Container

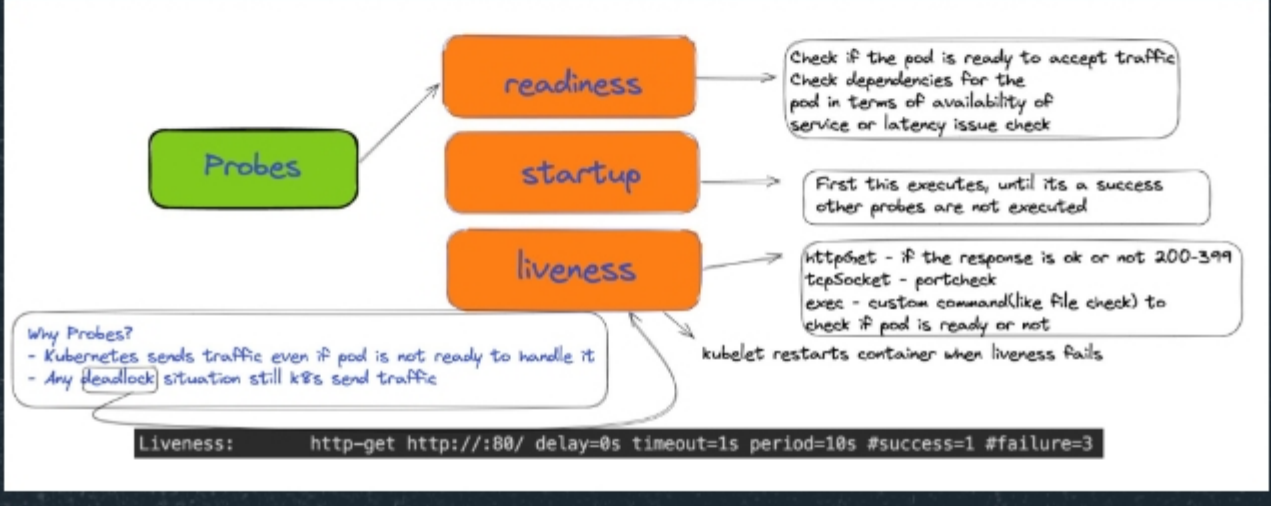
Kubernetes

Kubernetes Series: #9 Multi-Container



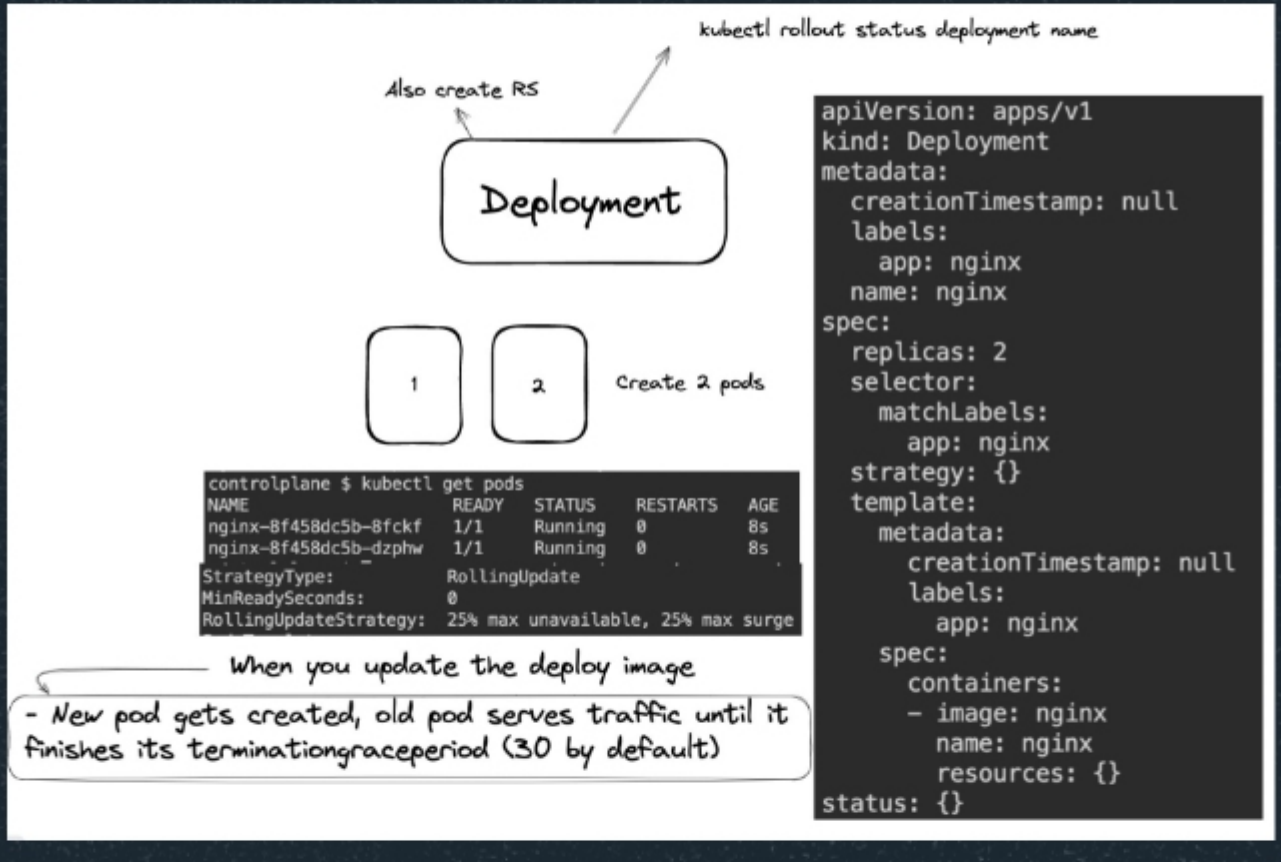
Kubernetes

Kubernetes Series: #10 Probes



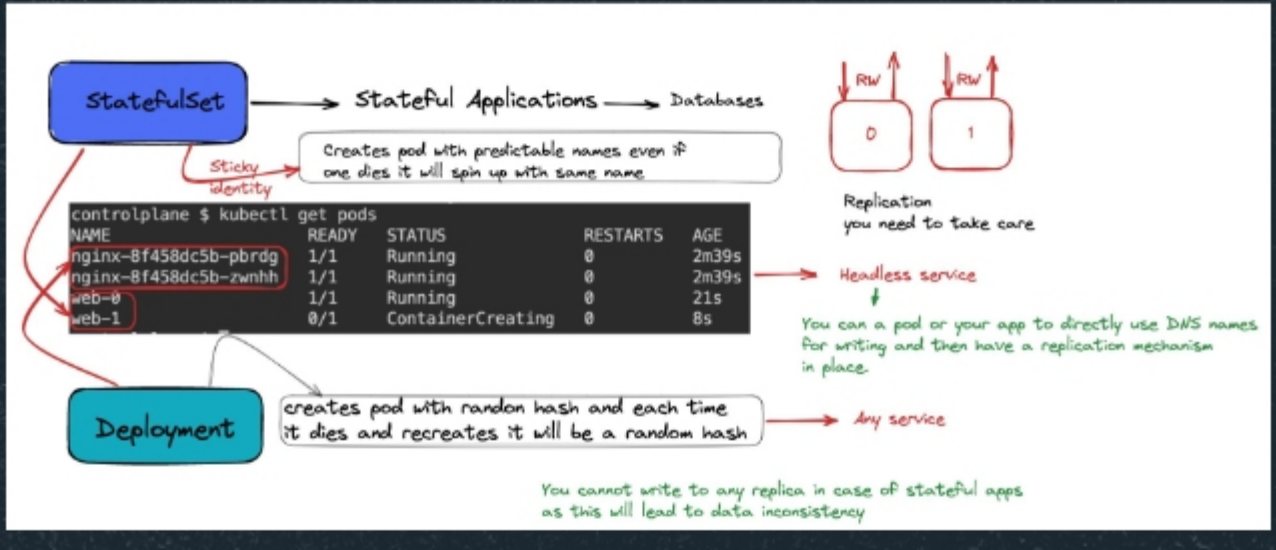
Kubernetes

Kubernetes Series: #11 Deployment



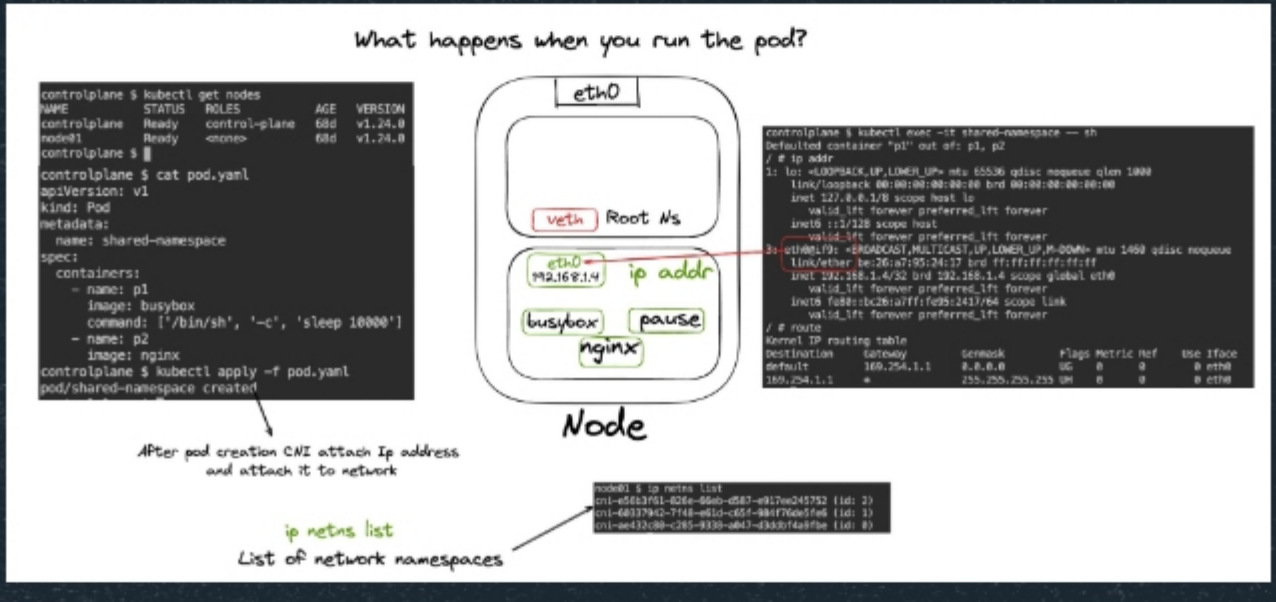
Kubernetes

Kubernetes Series: #12 StatefulSet



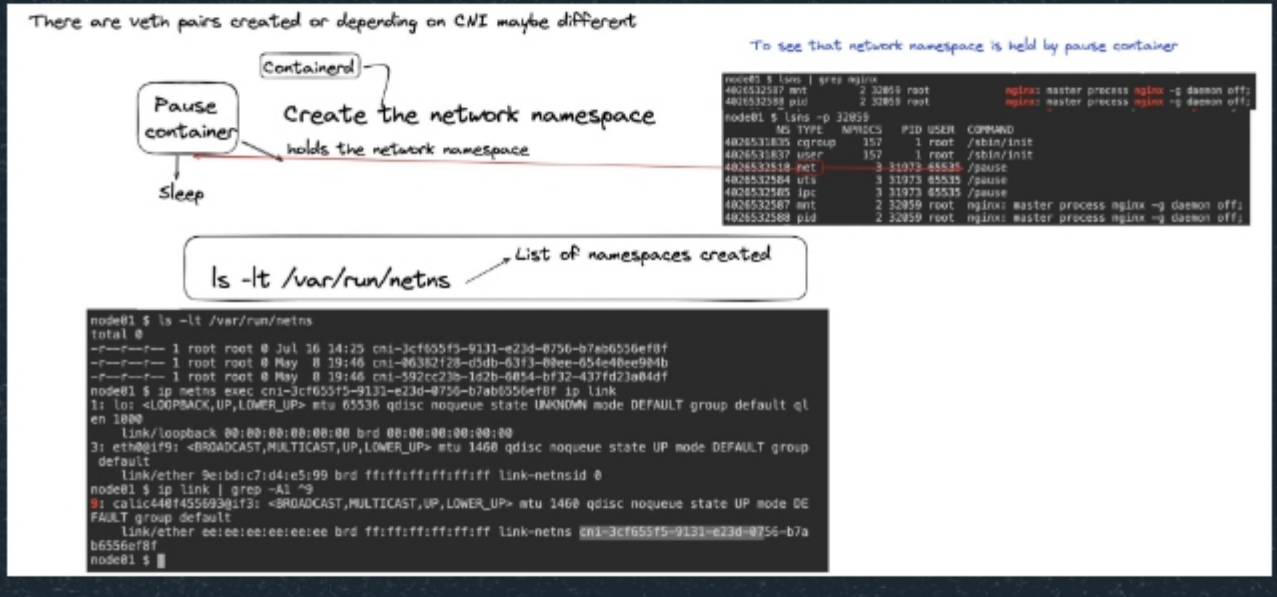
Kubernetes

Kubernetes Series: #13 Networking



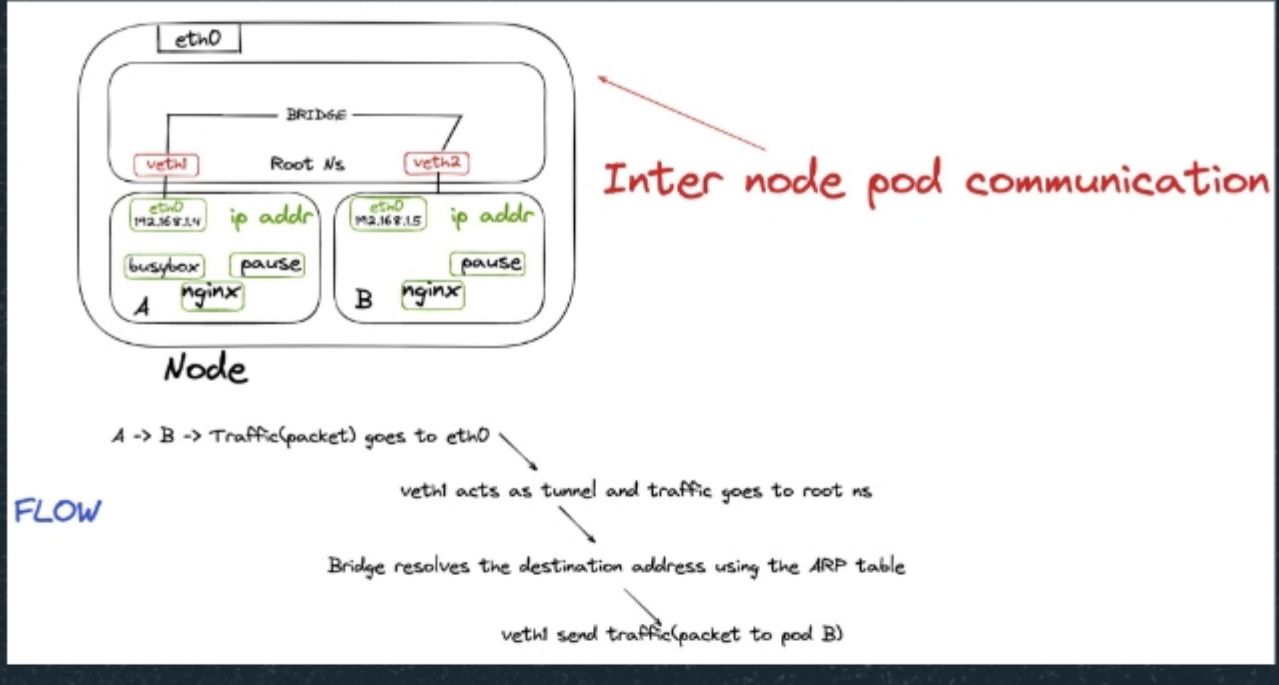
Kubernetes

Kubernetes Series: #14 Networking-2



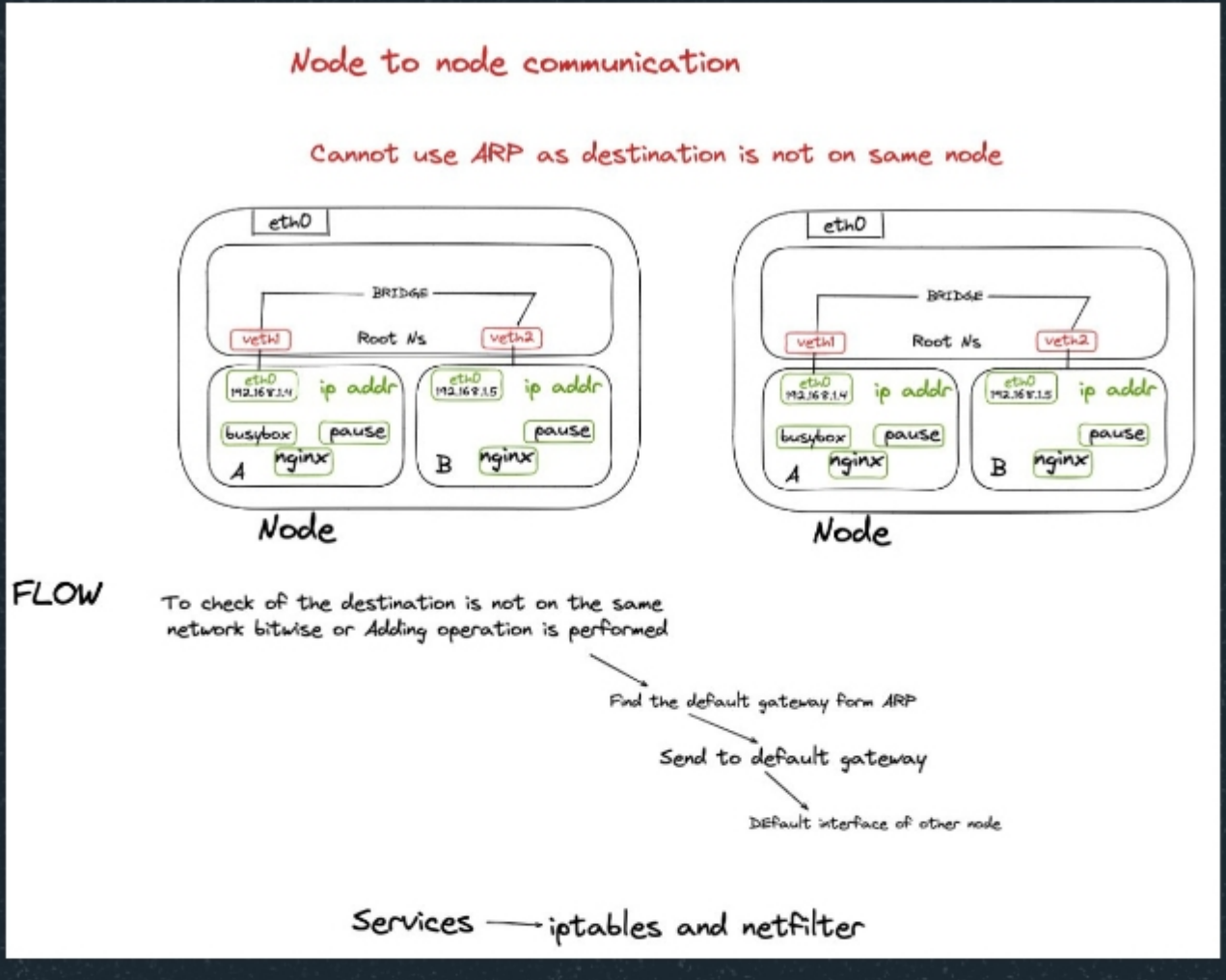
Kubernetes

Kubernetes Series: #15 Internode Pod Communication



Kubernetes

Kubernetes Series: #16 Node-to-Node Communication

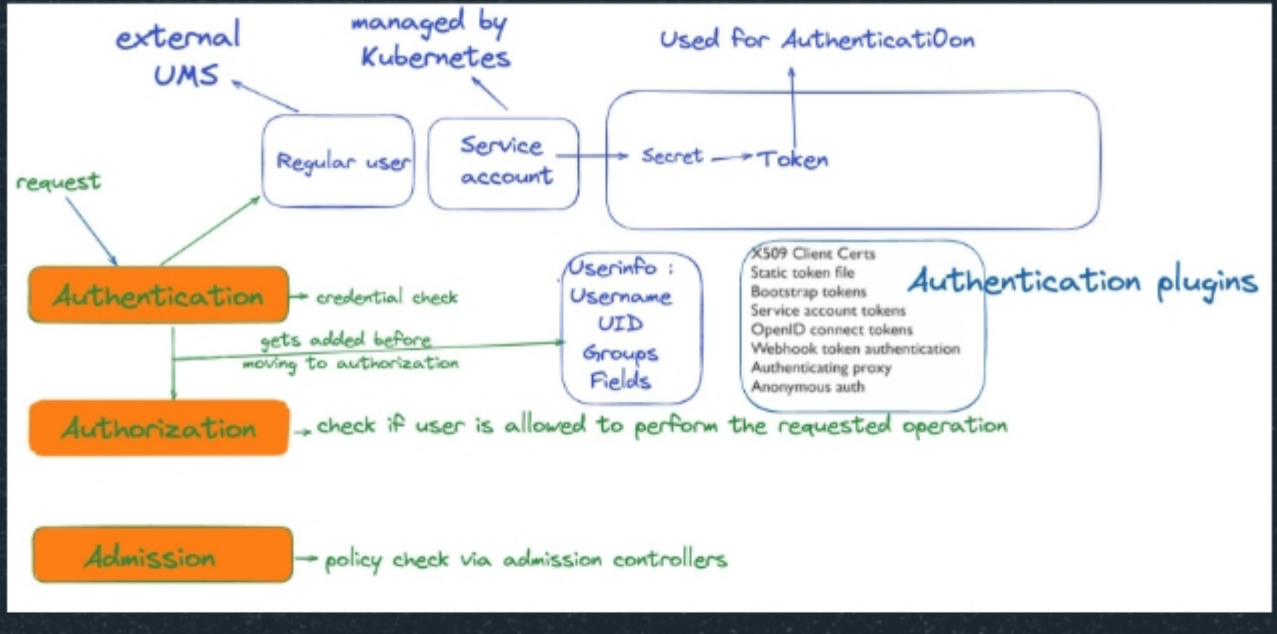


Kubernetes

Kubernetes Series: #17 Services

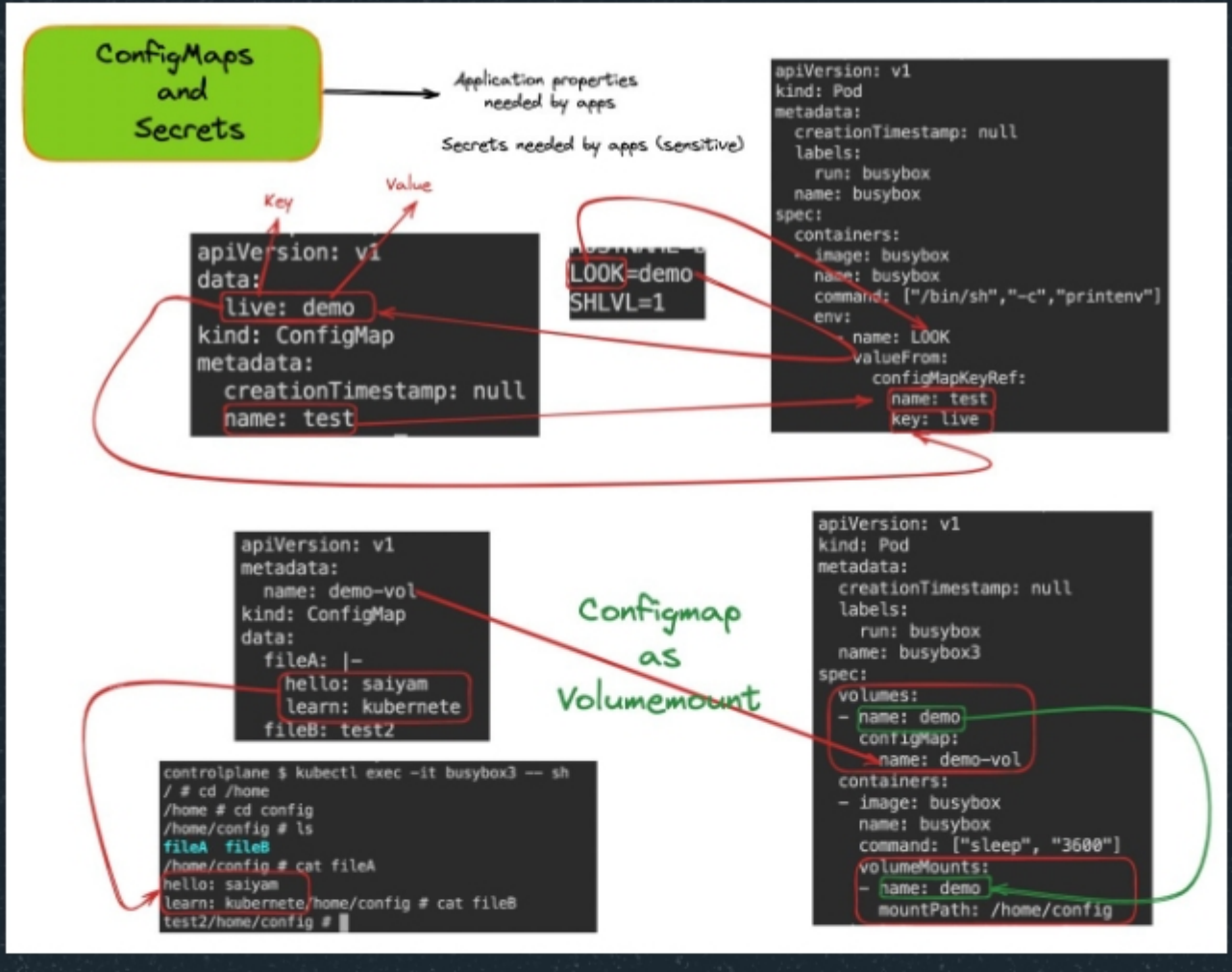
Kubernetes

Kubernetes Series: #18 Authentication and Authorization



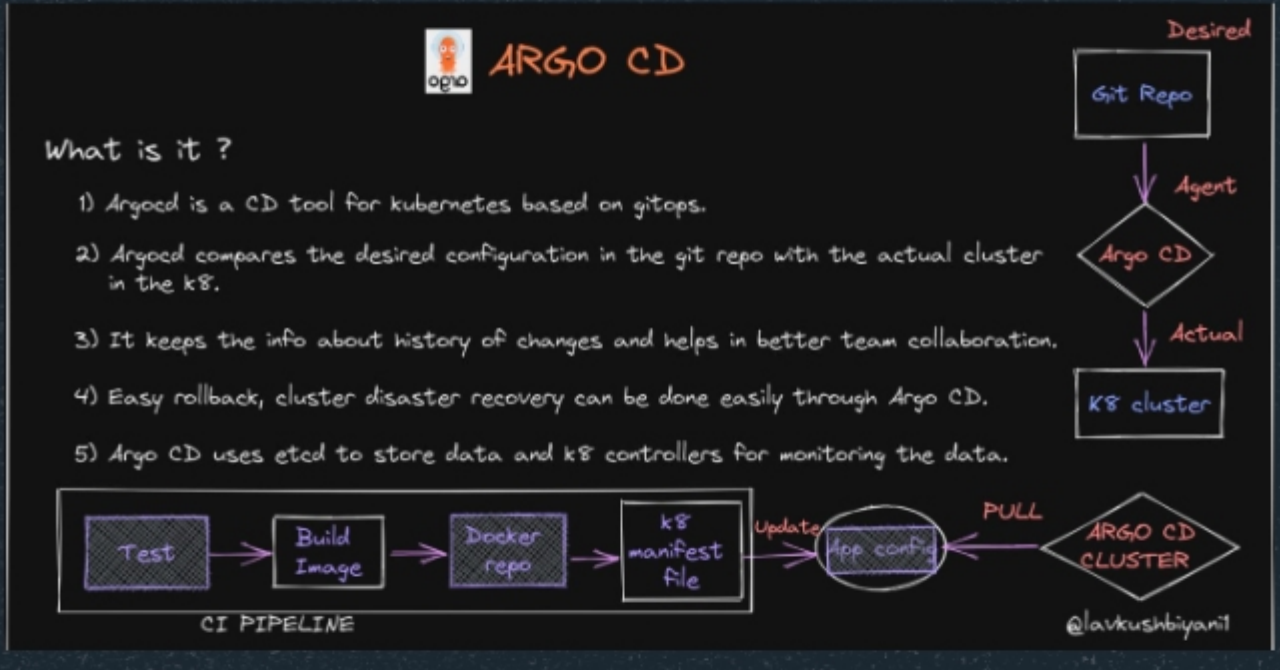
Kubernetes

Kubernetes Series: #19 Configmaps & Secrets



Kubernetes

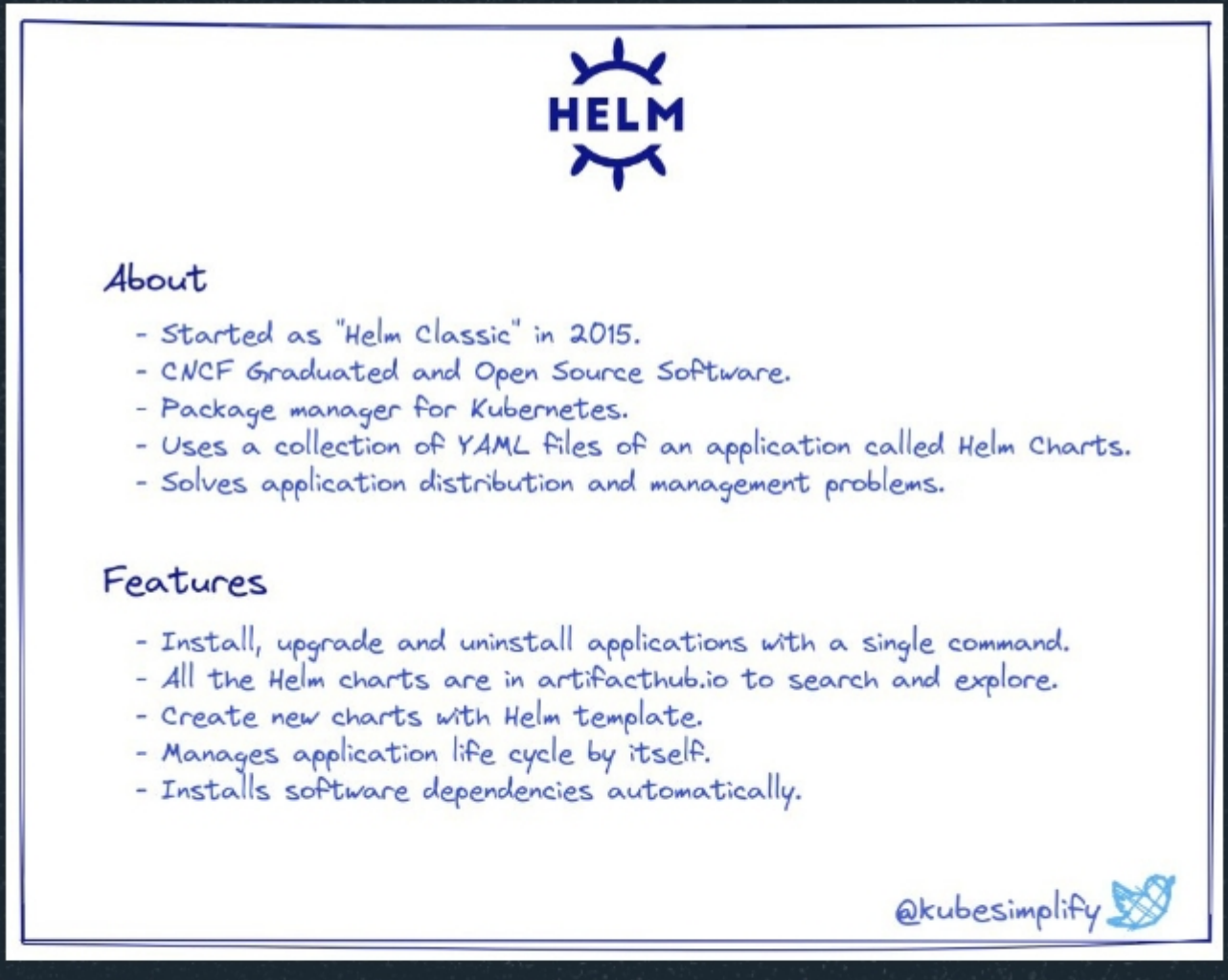
Argo CD



~Lavakush Biyani

Kubernetes

HELM



~Pavan Gudiwada

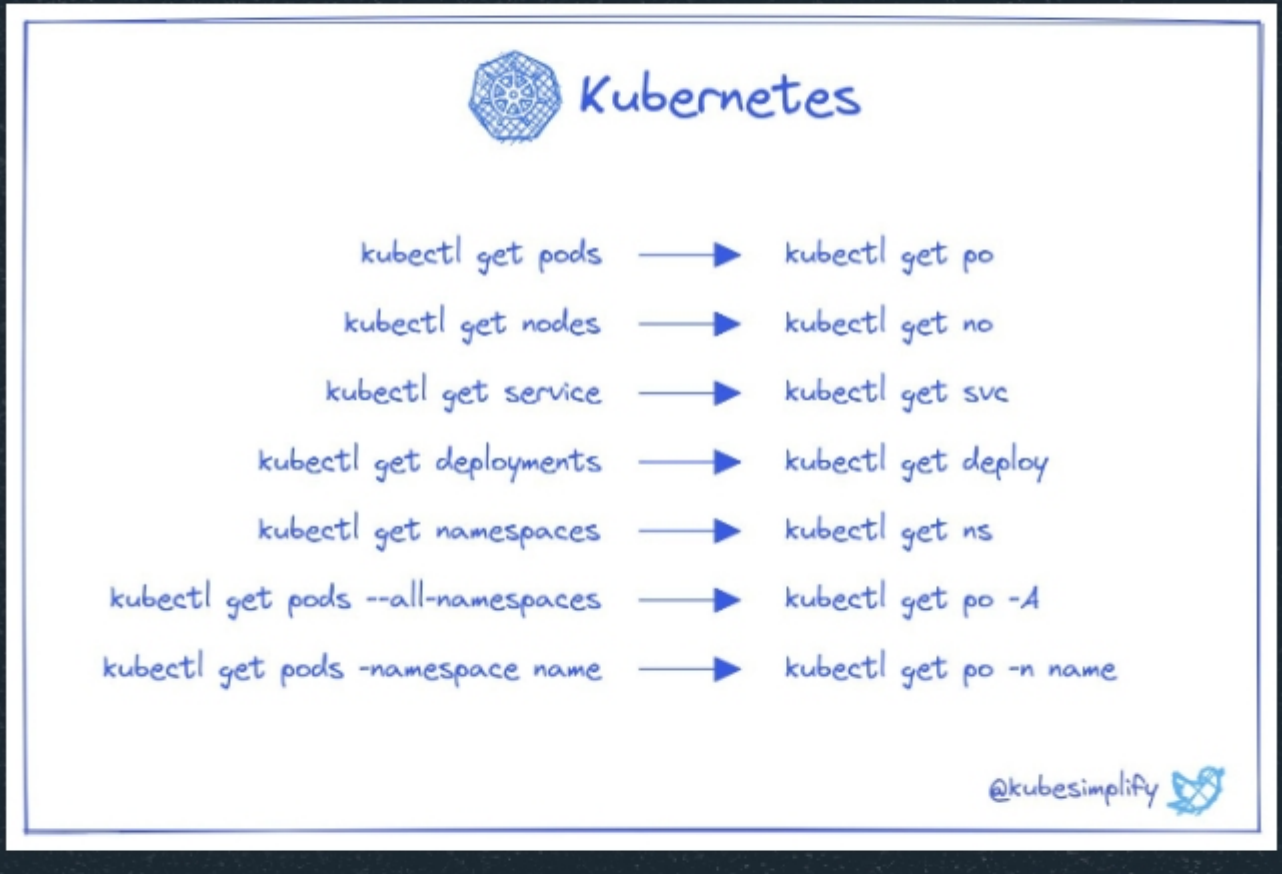
Kubernetes

Kubecost

~Pavan Gudiwada

Kubernetes

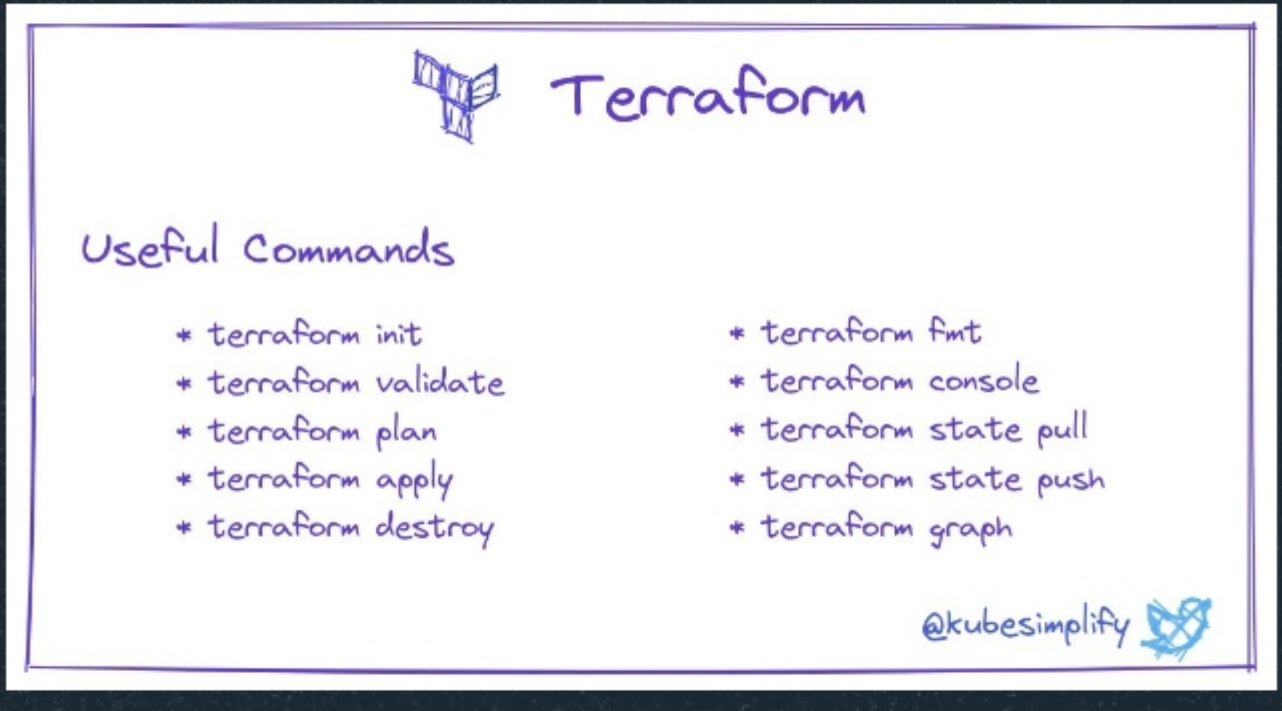
Kubernetes Image Aliases



~Pavan Gudiwada

Kubernetes

Terraform Images Commands



~Pavan Gudiwada

Kubernetes

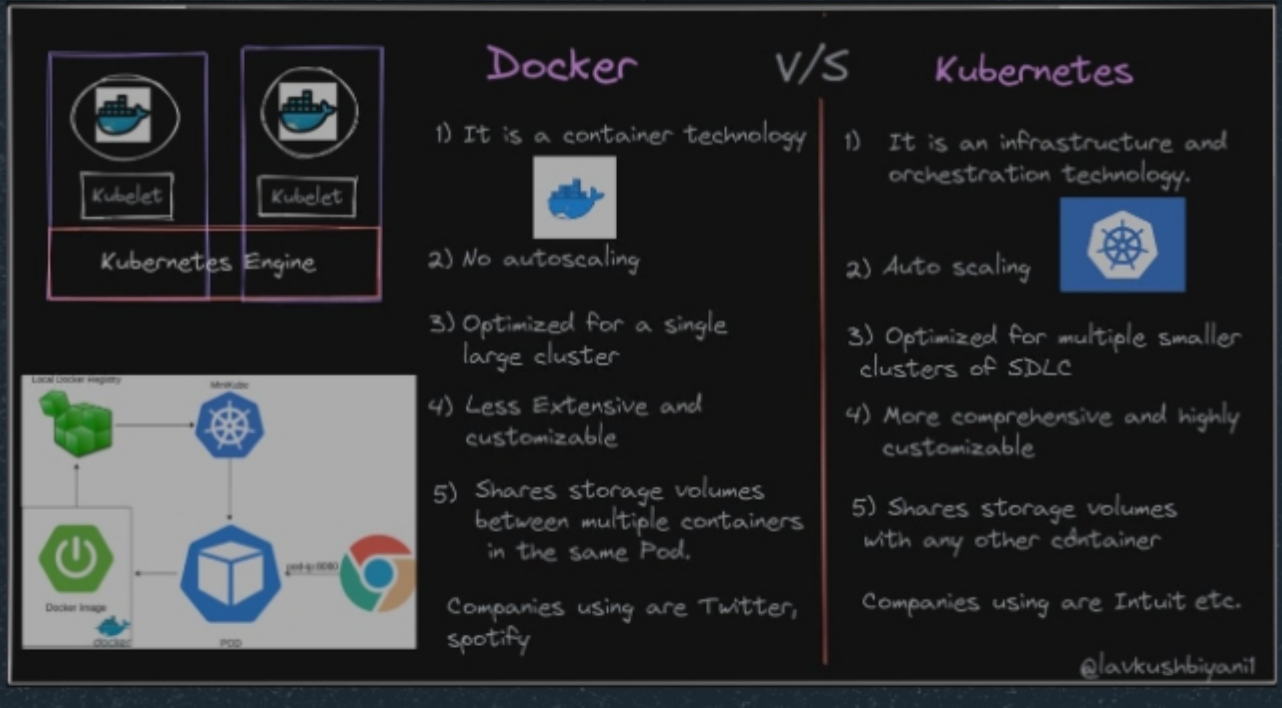
Name Labelling in Kubernetes

```
# Labelling in kubernetes <SOMELABEL=VALUE>

## Labelling a resource (e.g. Namespace)

$ kubectl label namespace default istio-injection=enabled

## Deleting a label

$ kubectl label namespace default istio-injection-

## Upating the value

$ kubectl label namespace default istio-injection=enabled --overwrite
```

~Anurag Kumar

Kubernetes

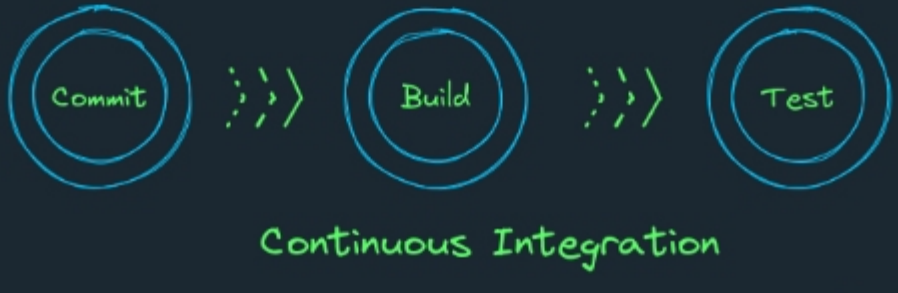
Docker & Kubernetes



~Lavakush Biyani

CI/CD

Continuos Integration



~Vaidansh Bhardwaj

CI/CD

Continuos Delivery

~Vaidansh Bhardwaj

CI/CD

Continuous Deployment

~Vaidansh Bhardwaj

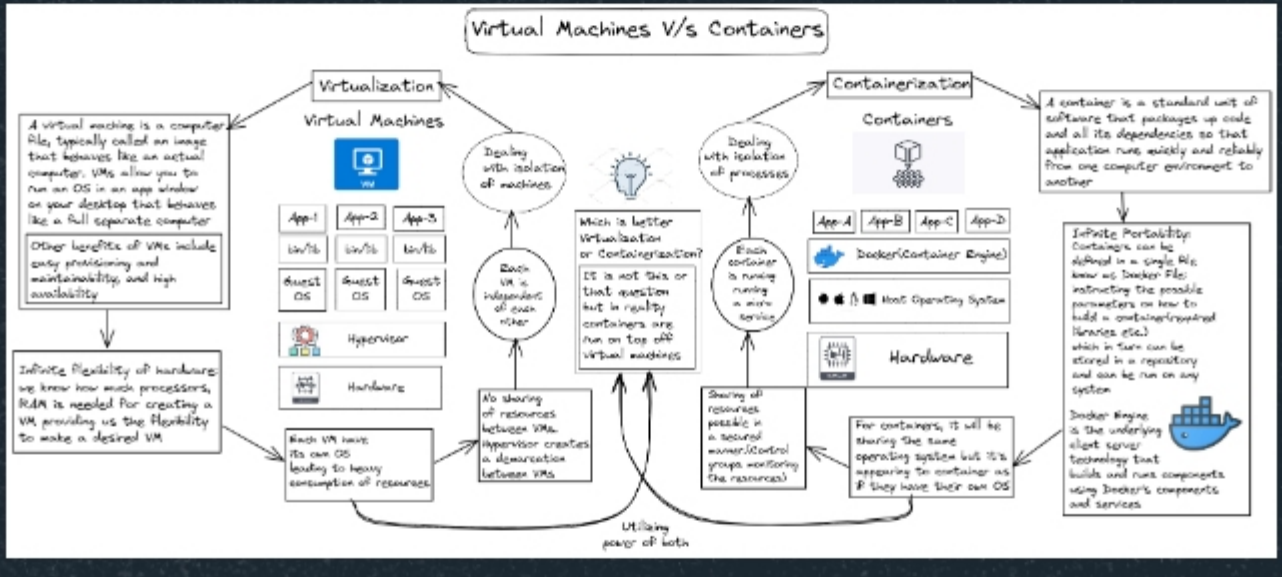
CI/CD

CI/CD Pipeline

~Vaidansh Bhardwaj

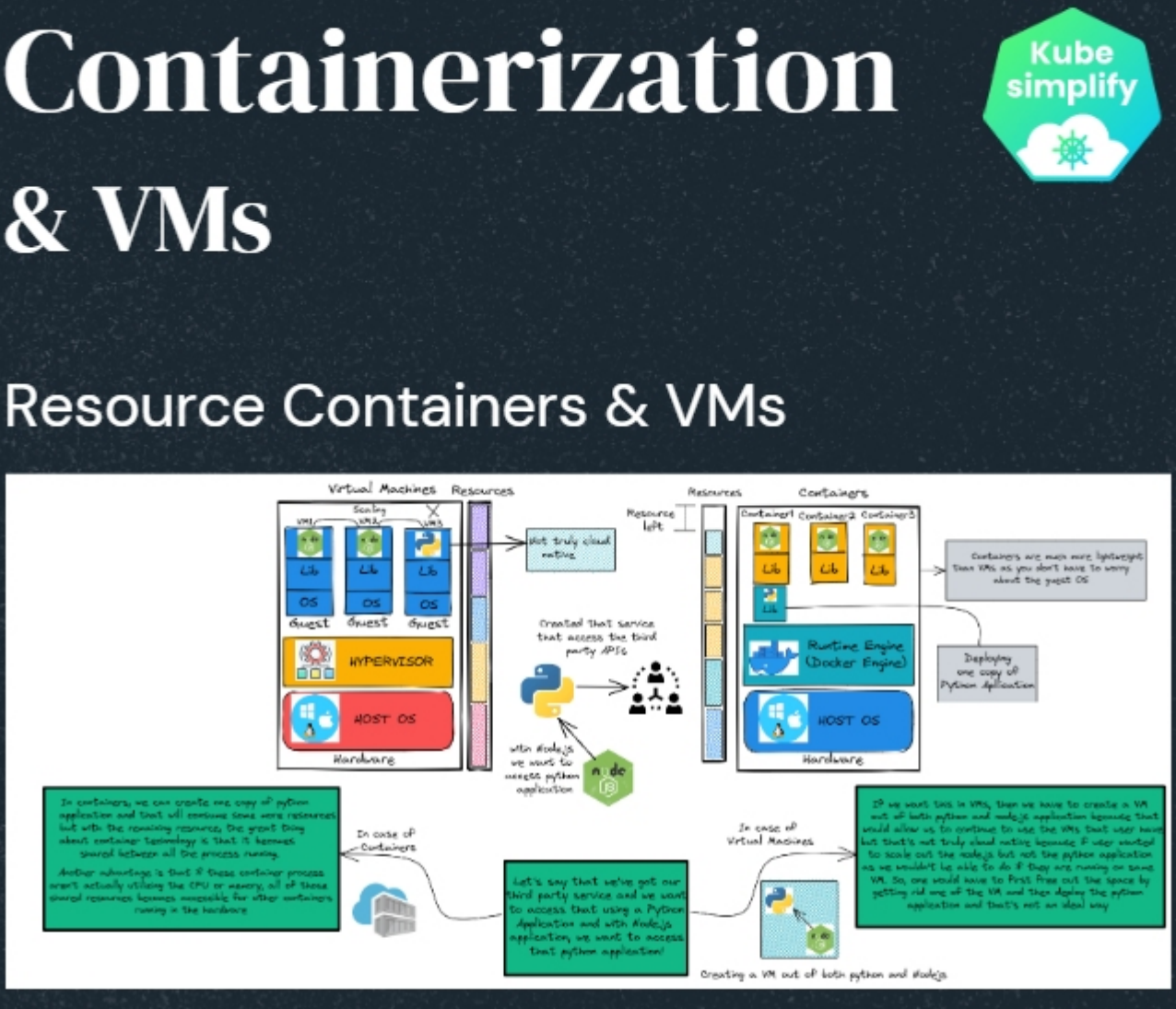
Containerization & VMs

Simplifying Containers & VMs



~Aviral Singh

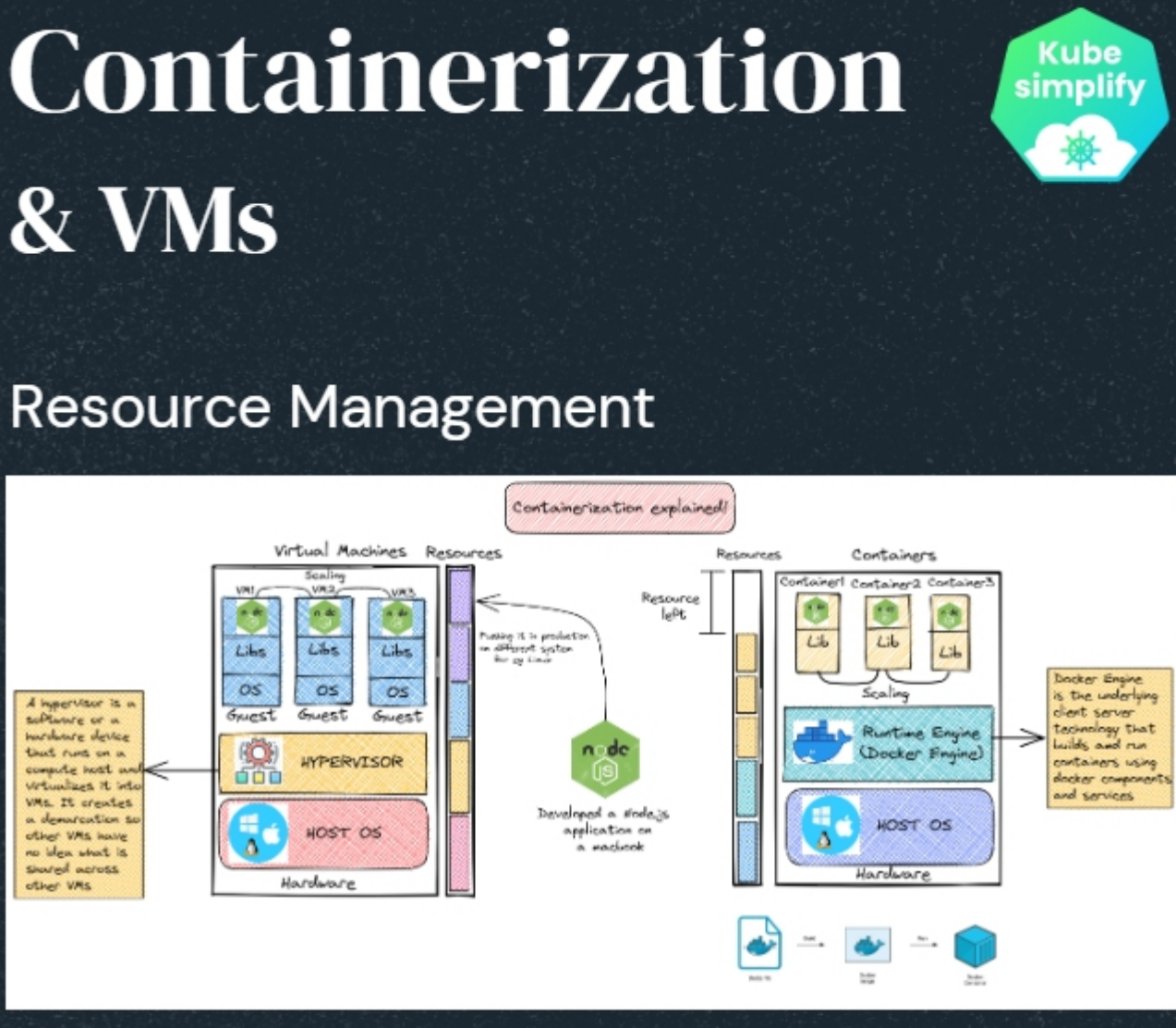
Containerization & VMs



Resource Containers & VMs

~Aviral Singh

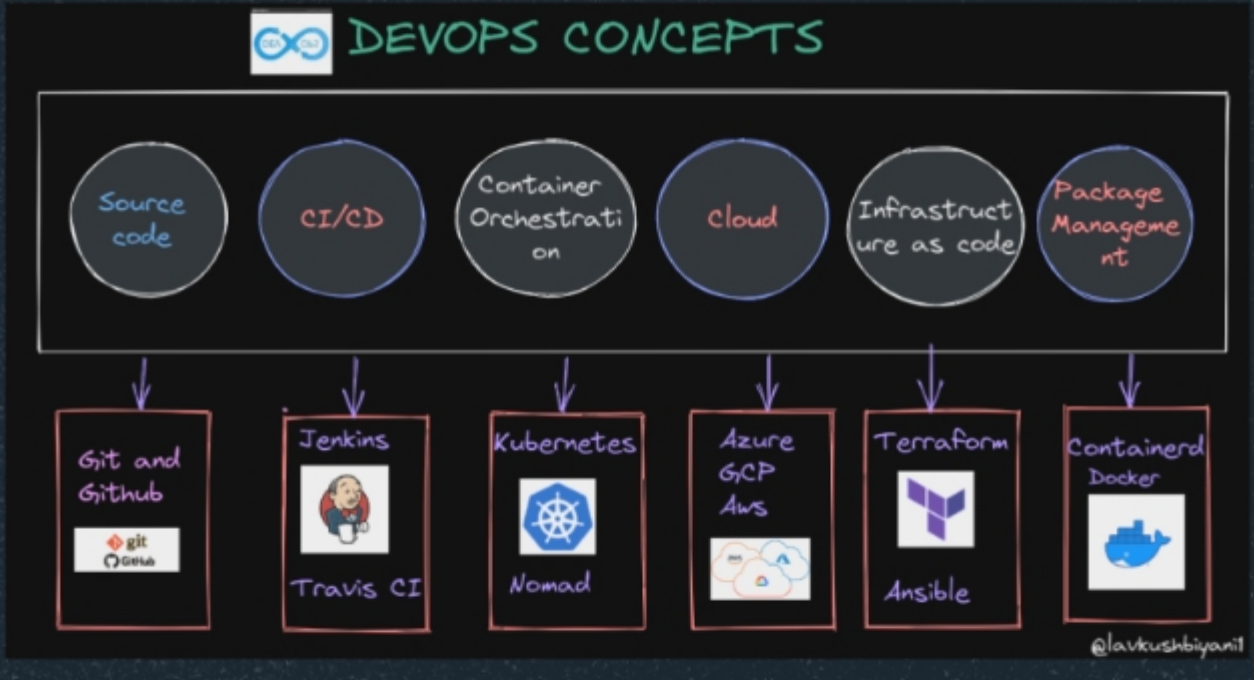
Containerization & VMs



~Aviral Singh

DevOps

~An overview



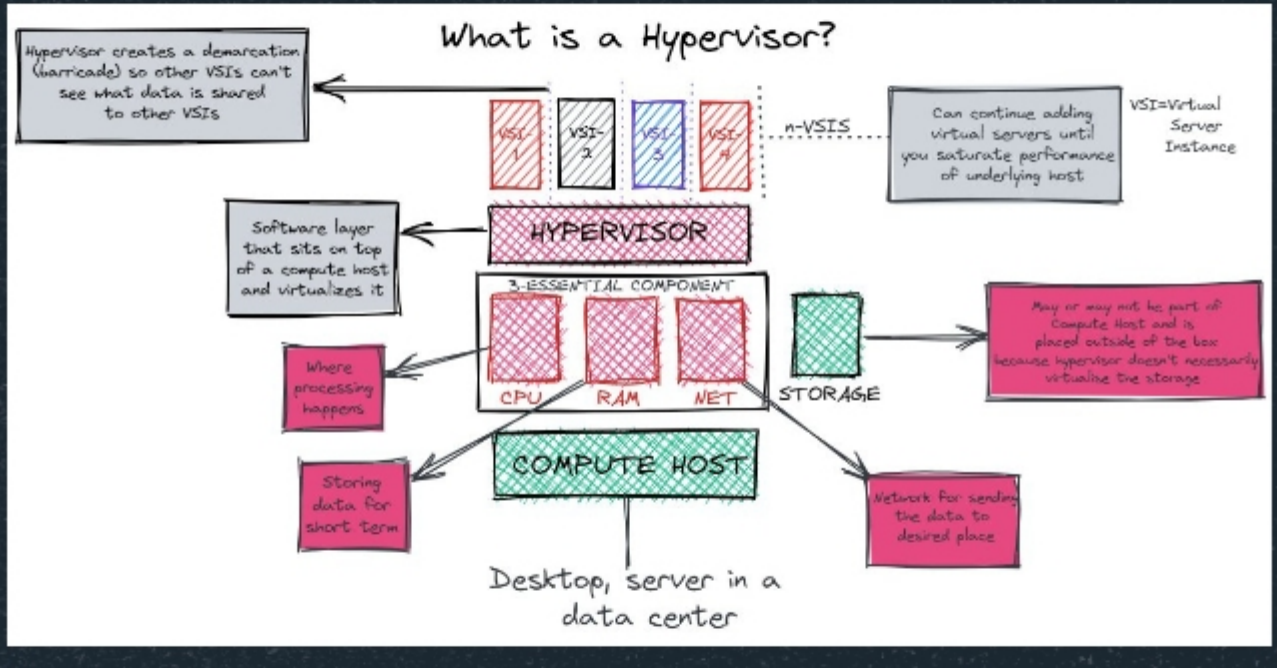
~Lavakush Biyani

Cloud Service Models

~Arnav Barman

Hypervisor

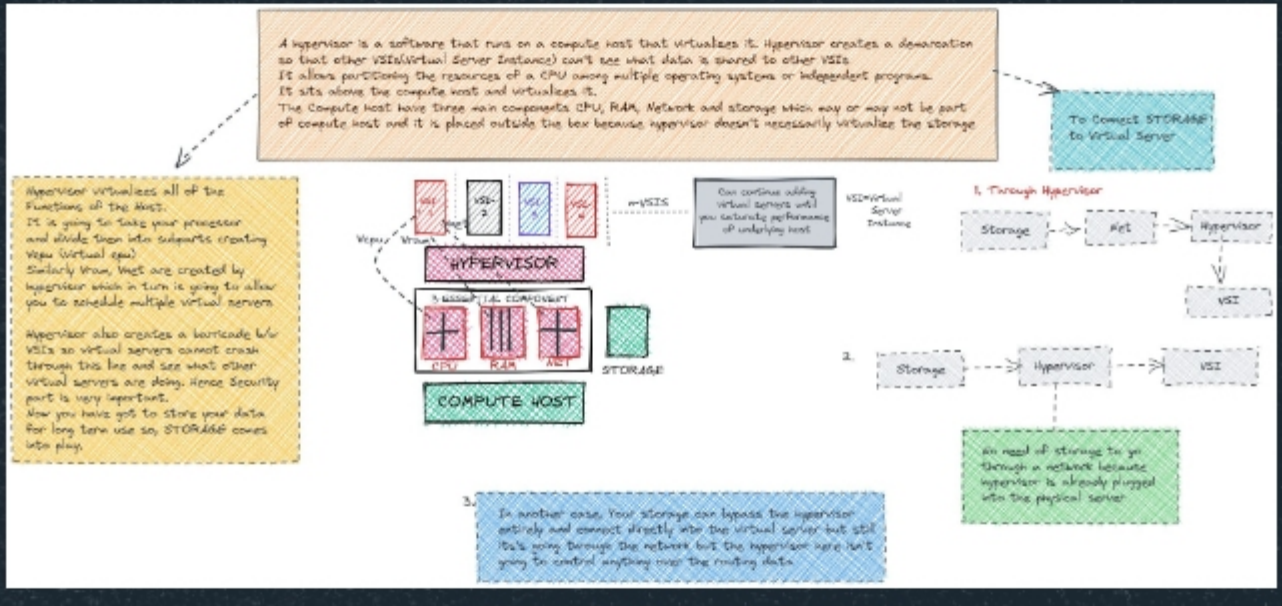
What is a Hypervisor



~Aviral Singh

Hypervisor

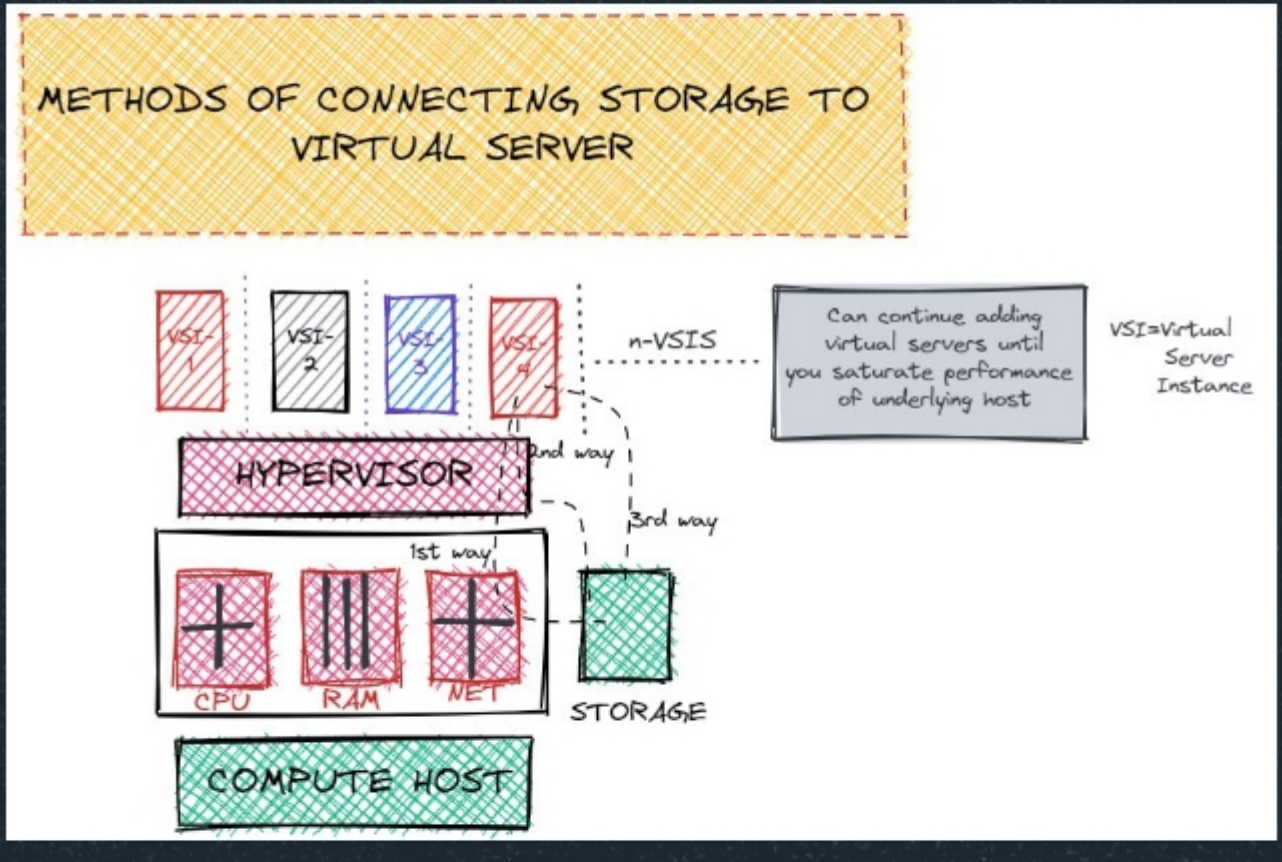
Hypervisor - VMs



~Aviral Singh

Hypervisor

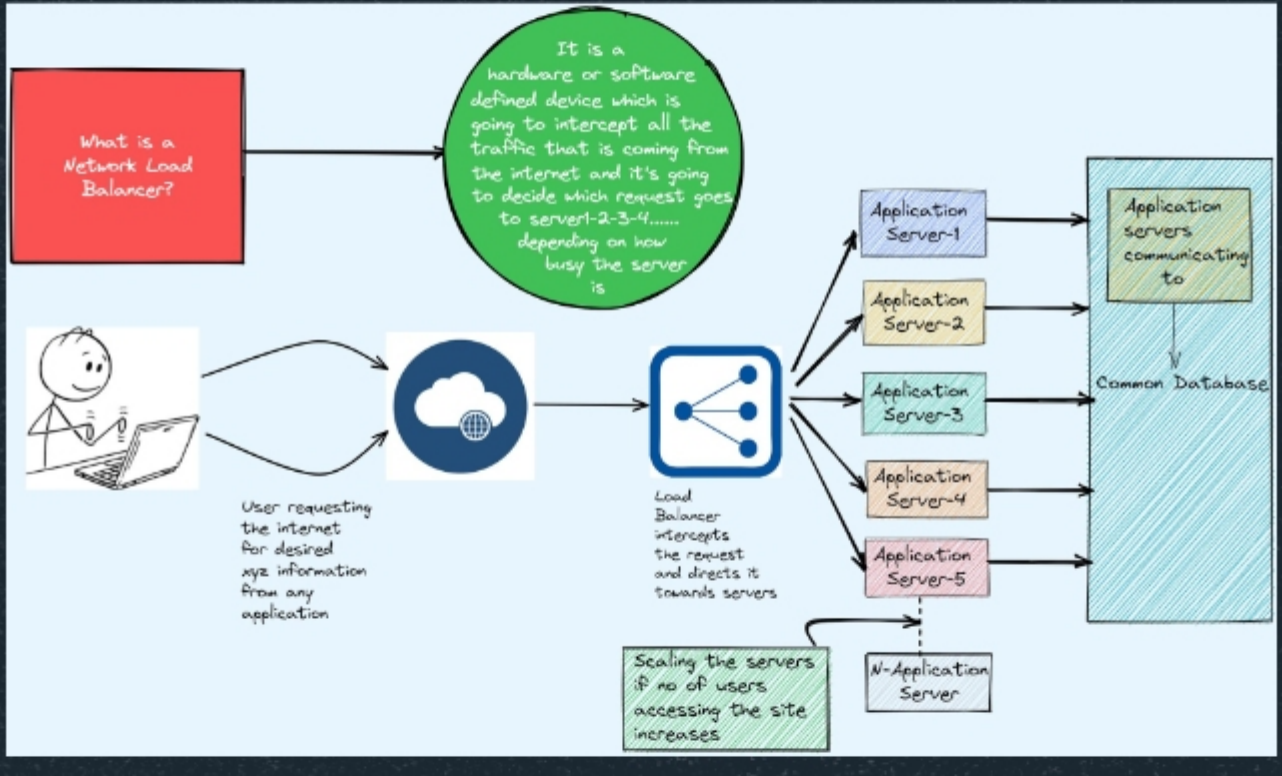
Connecting Storage to Virtual Server



~Aviral Singh

Networking

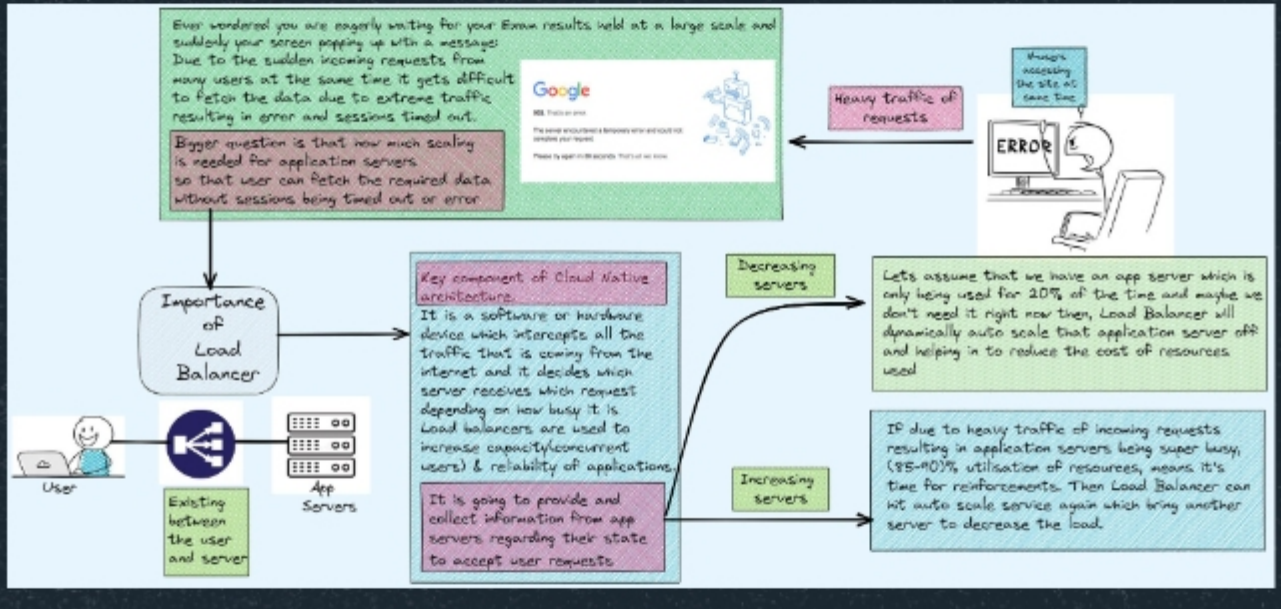
Network Load Balancer #1



~Aviral Singh

Networking

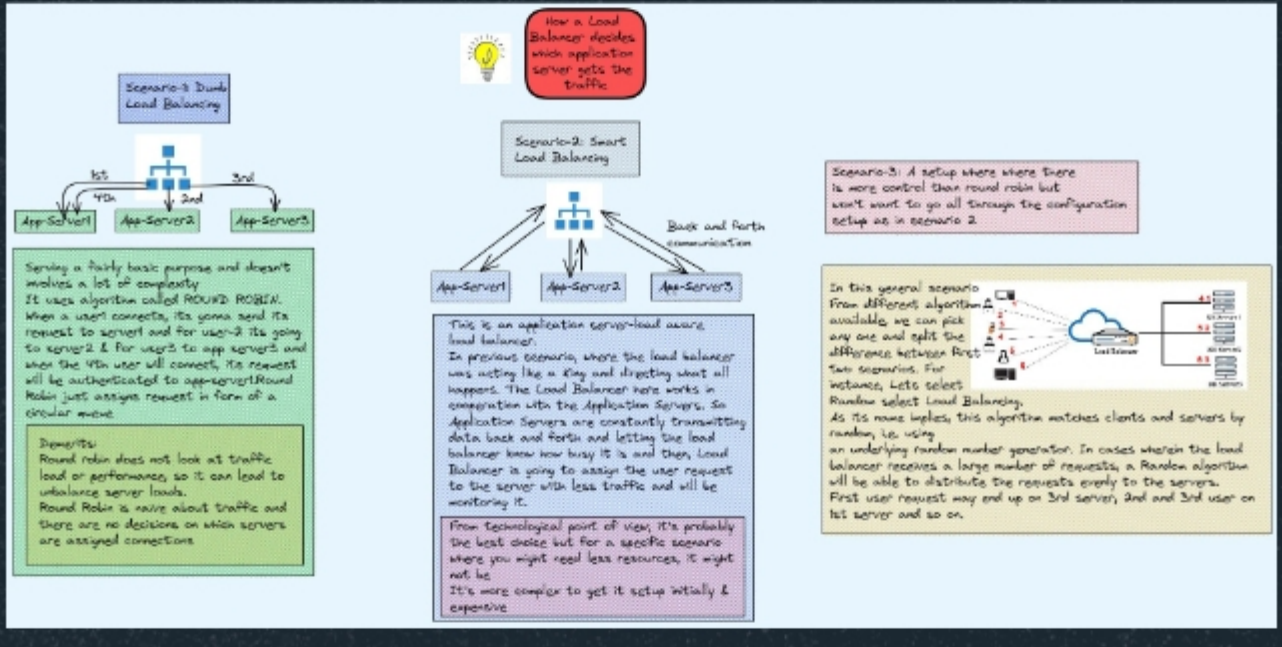
Network Load Balancer #2



~Aviral Singh

Networking

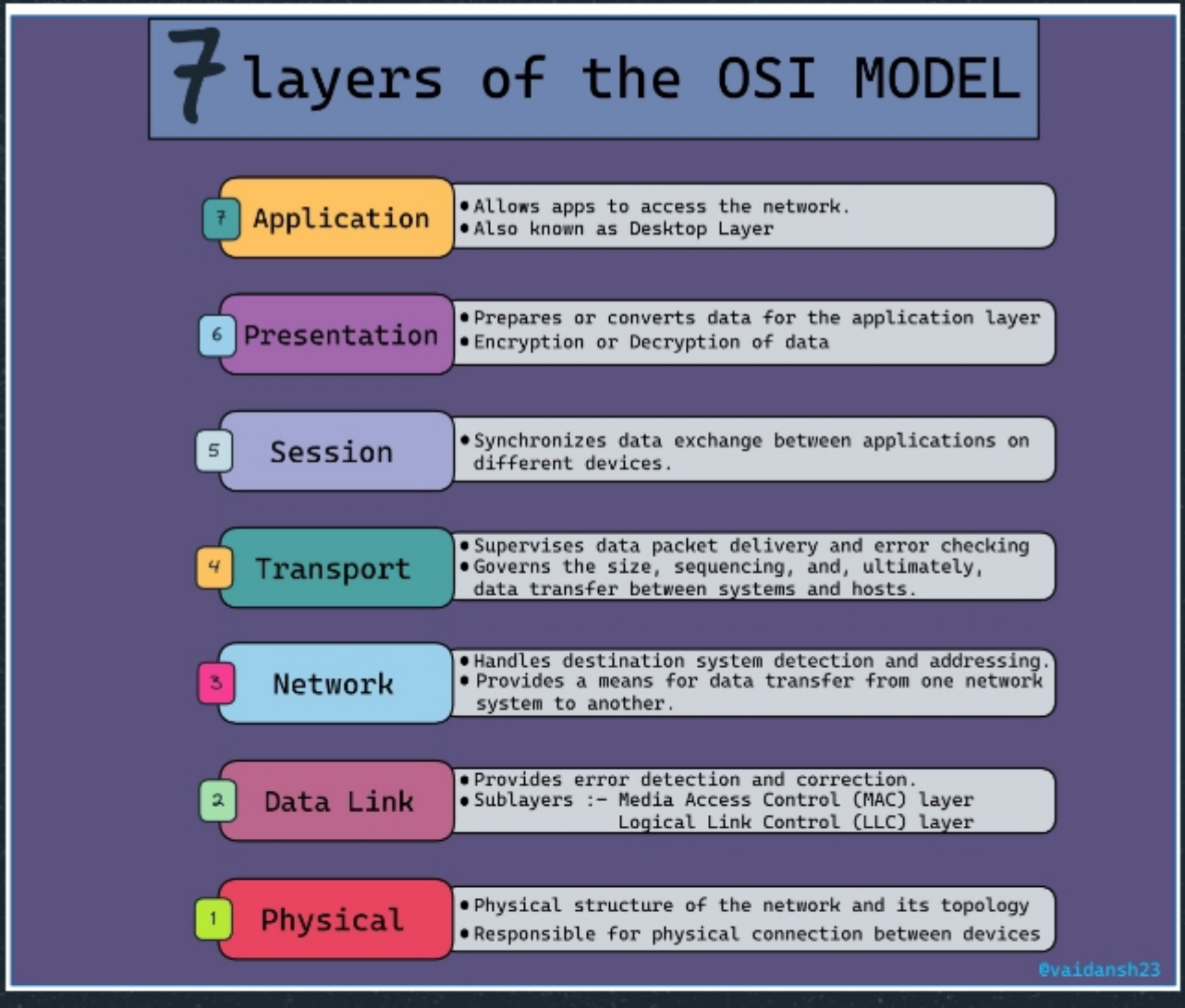
Network Load Balancer #3



~Aviral Singh

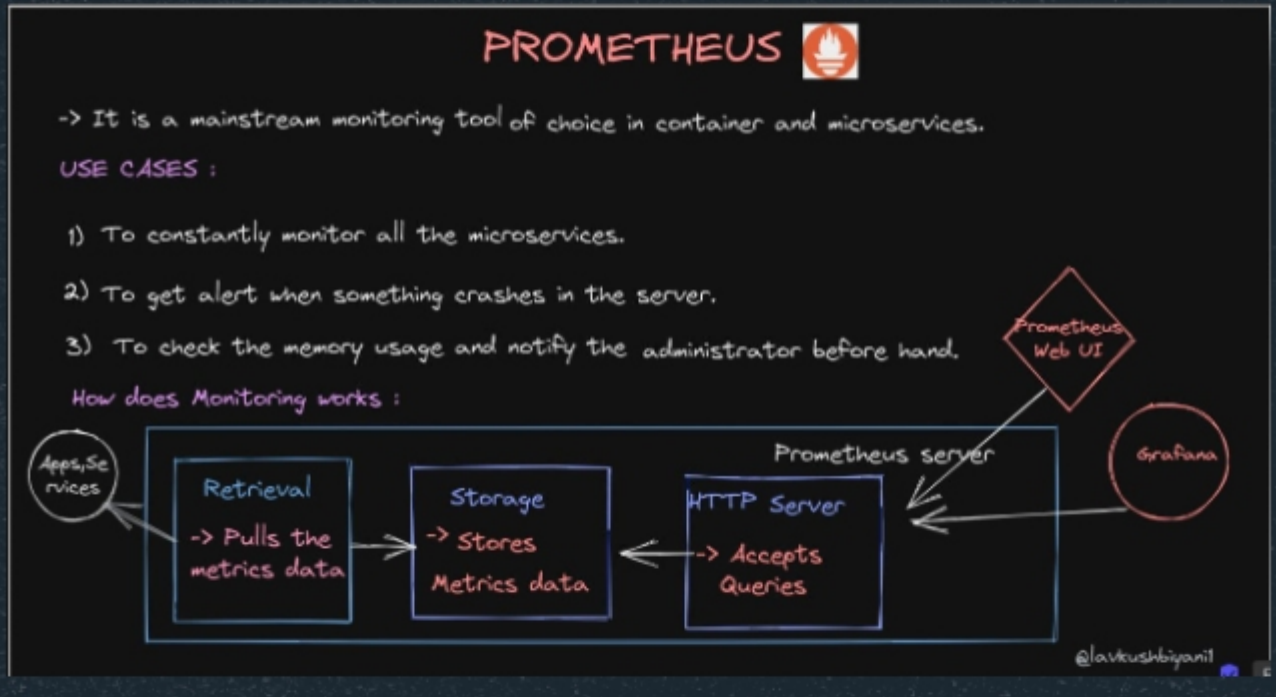
Networking

OSI Model



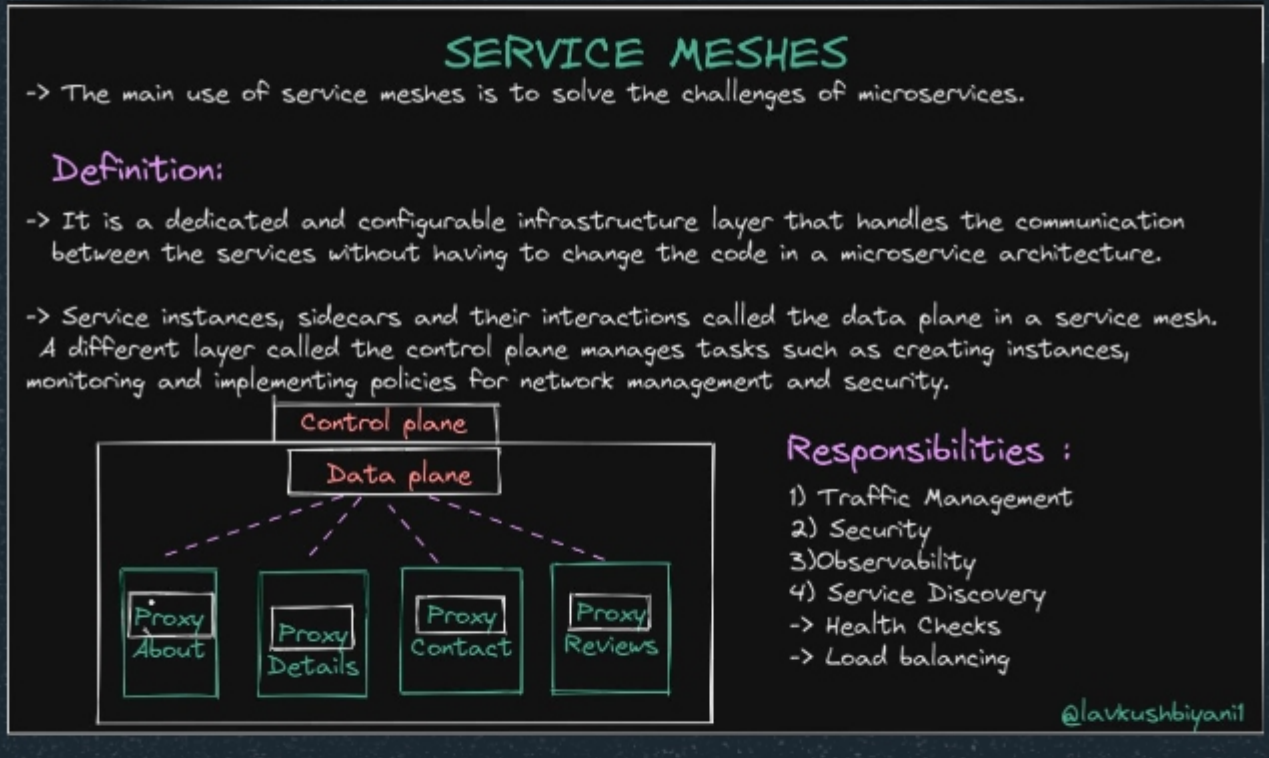
~Vaidansh Bhardwaj

Prometheus



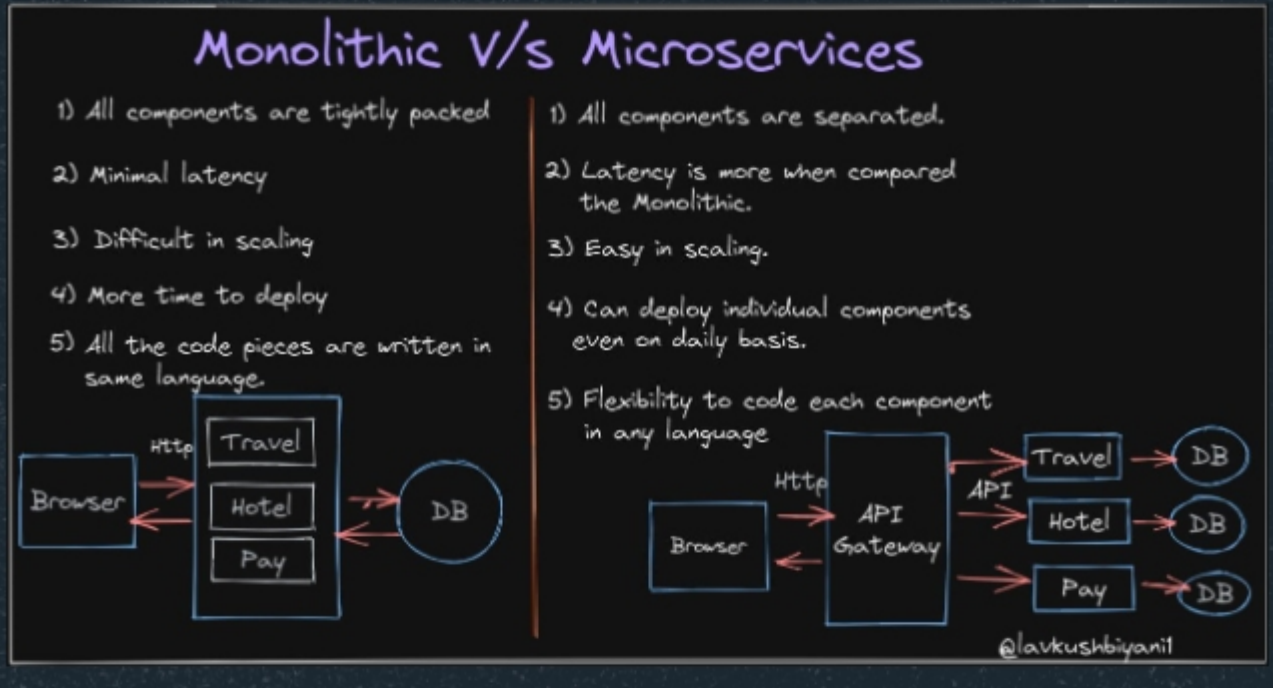
~Lavakush Biyani

Service Mesh



~Lavakush Biyani

Monolithic v/s Microservices



~Lavakush Biyani

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Vaidansh Bhardwaj