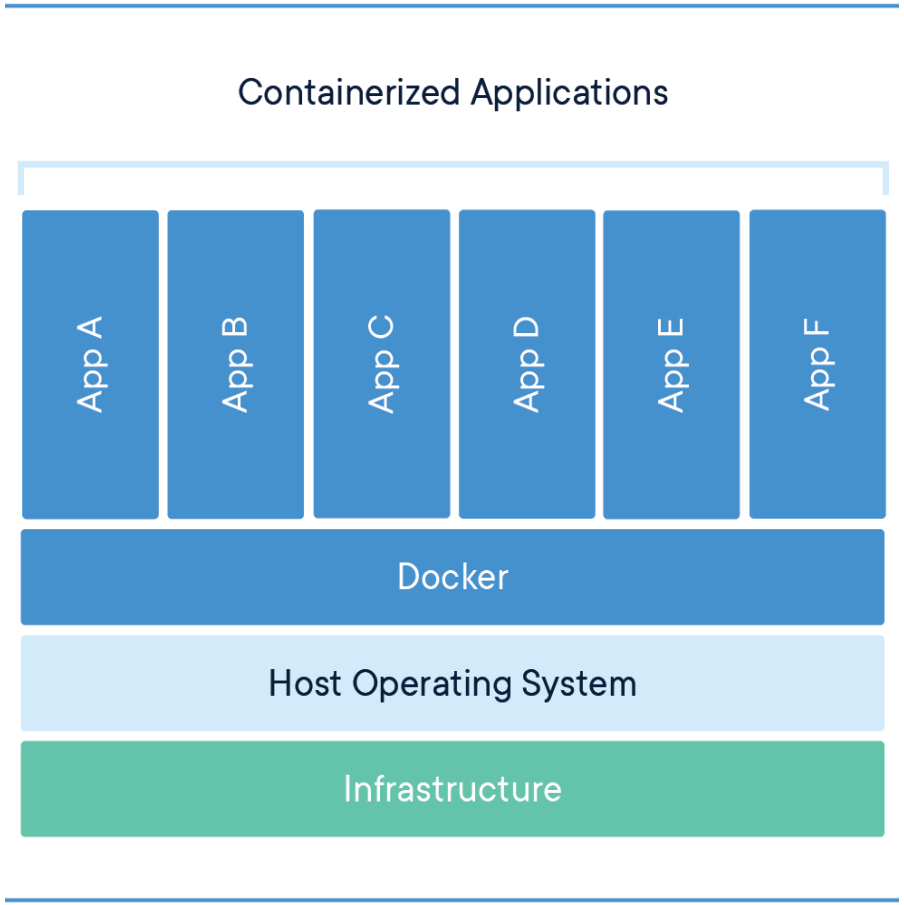
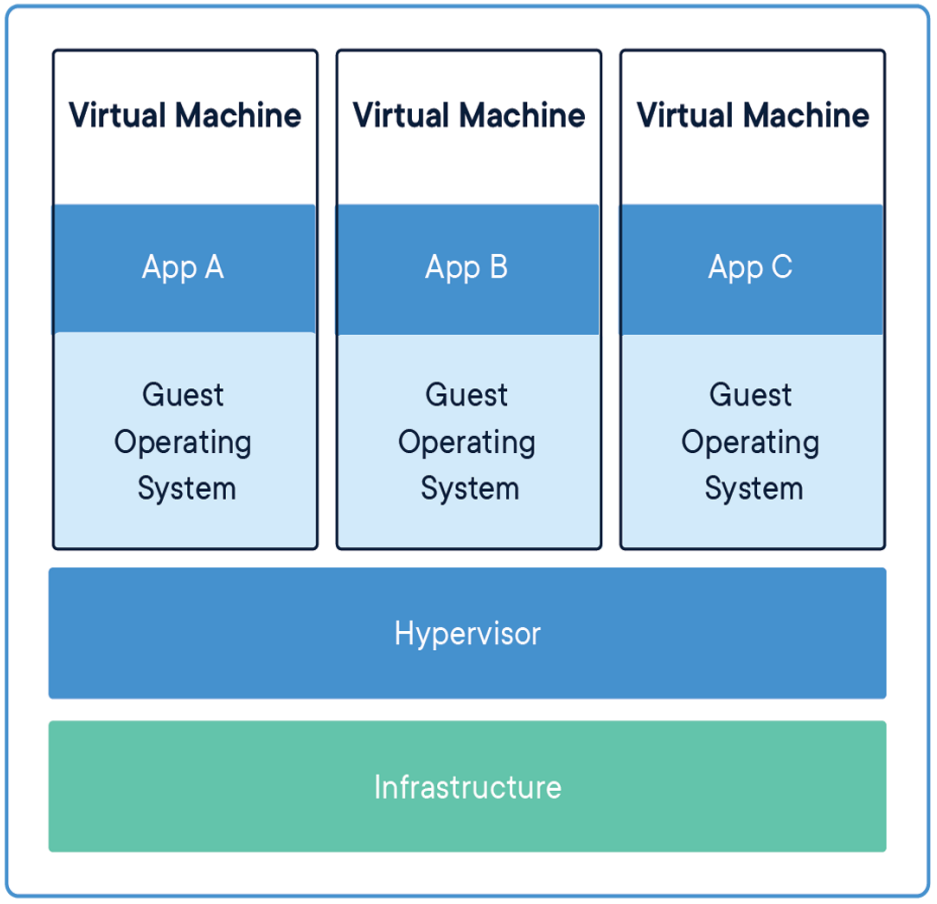
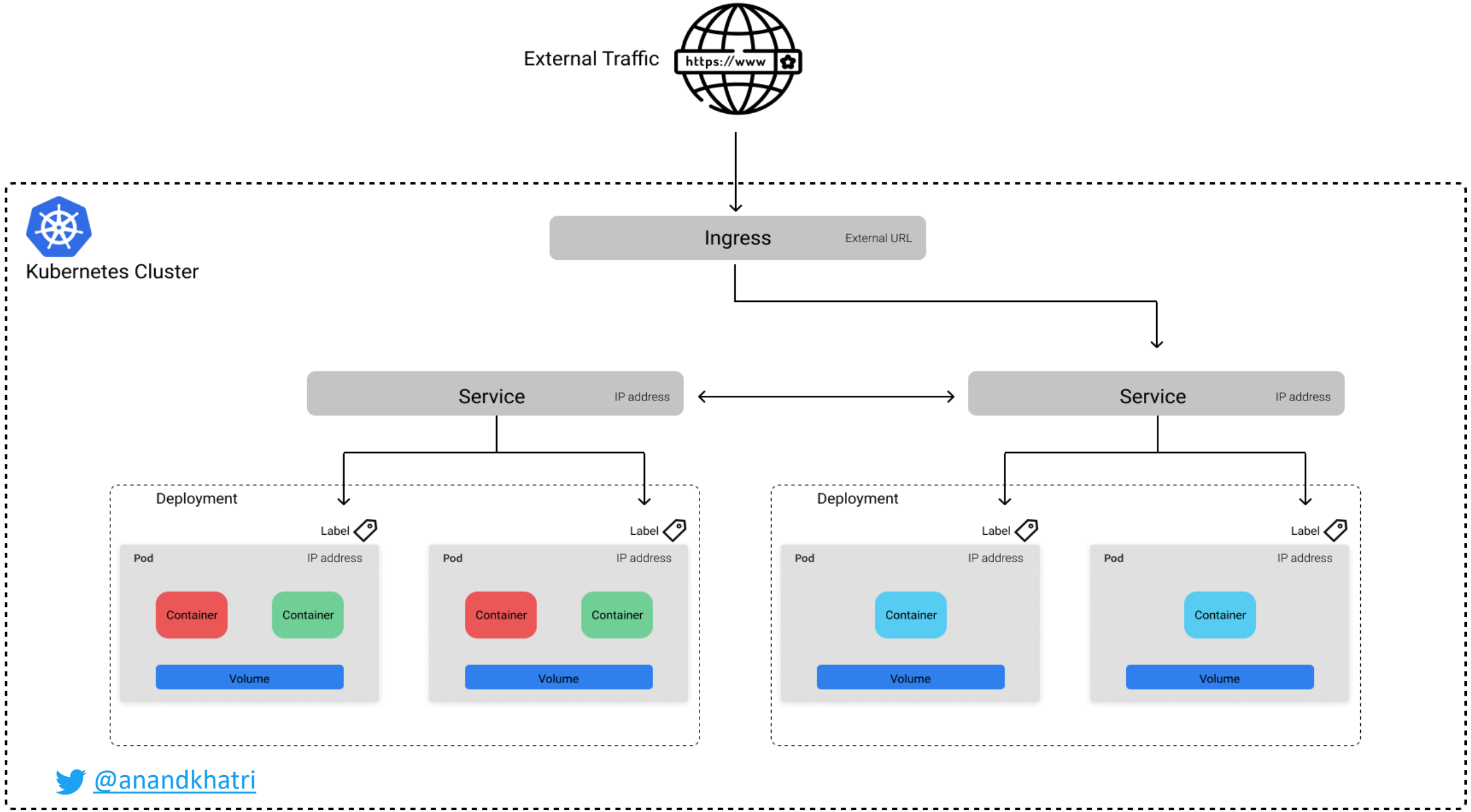
What is Container?





Problems does Container really solve?

- Compatibility of each service with the libraries and dependencies of OS (One service requires versionX of OS library. Another service - versionY of same library)
- Each service has and can manage its required OS dependencies for itself, bundled and isolated in its own container
- Compatibility of each service with the libraries and dependencies of OS
- Change the components without affecting the other services.
- Change underlying OS without affecting any of the services.


External Traffic
https://www
Kubernetes Cluster
Ingress
External URL
Service
IP address
Service
IP address
Deployment
Label
Label
Pod
IP address
Pod
IP address
Container
Container
Container
Container
Volume
Volume
Deployment
Label
Label
Pod
IP address
Pod
IP address
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Container
Volume
Volume
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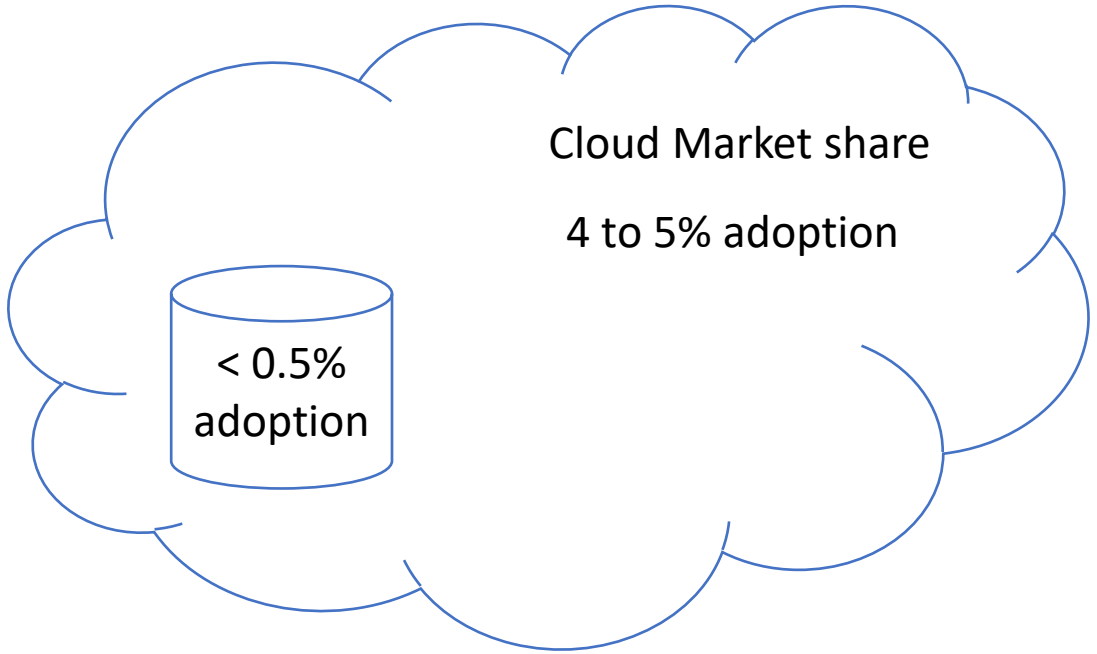
Container adoption



Companies providing innovative solutions

Cloud Foundation

Google Cloud

AWS

Microsoft Azure

Container Orchestration

kubernetes

docker SWARM

Container/Cloud Security

PRISMA CLOUD BY PALO ALTO NETWORKS

CROWDSTRIKE

LACEWORK

zscaler

CI/CD

Jenkins

GitLab

JFrog

Container Monitoring Alerting

DATADOG

splunk>

dynatrace

PagerDuty

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