

# Contain Your Excitement

Hands on with Docker



# Agenda

- What is Docker?
- Why Docker?
- Getting Started
- Building Images
- Docker Compose
- Q & A

# What is Docker?

The Journey from Metal to Containers



docker

# Physical Server



# Physical Server

App A

App B

Binaries/Libraries

Host OS

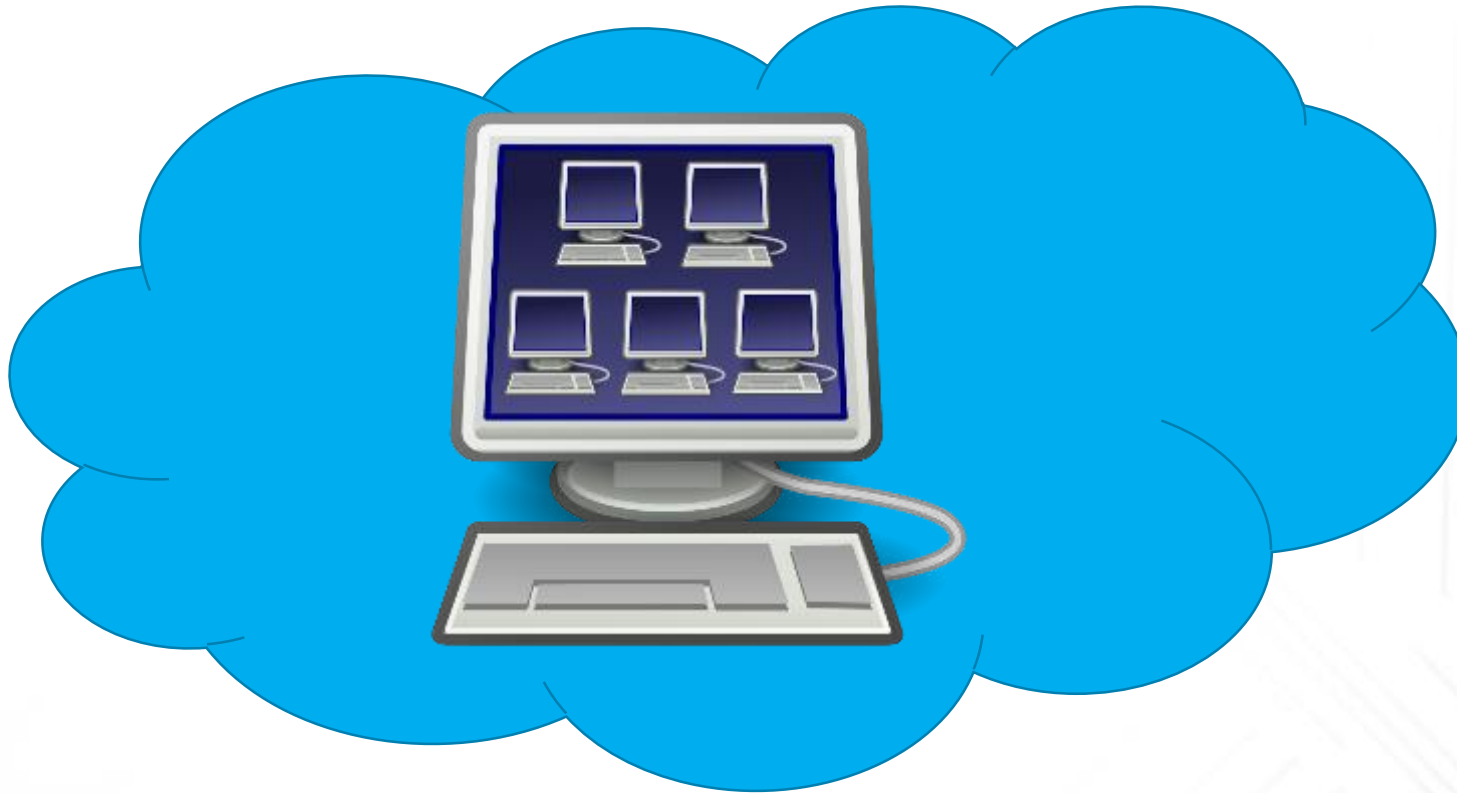
Hardware

Your Responsibility

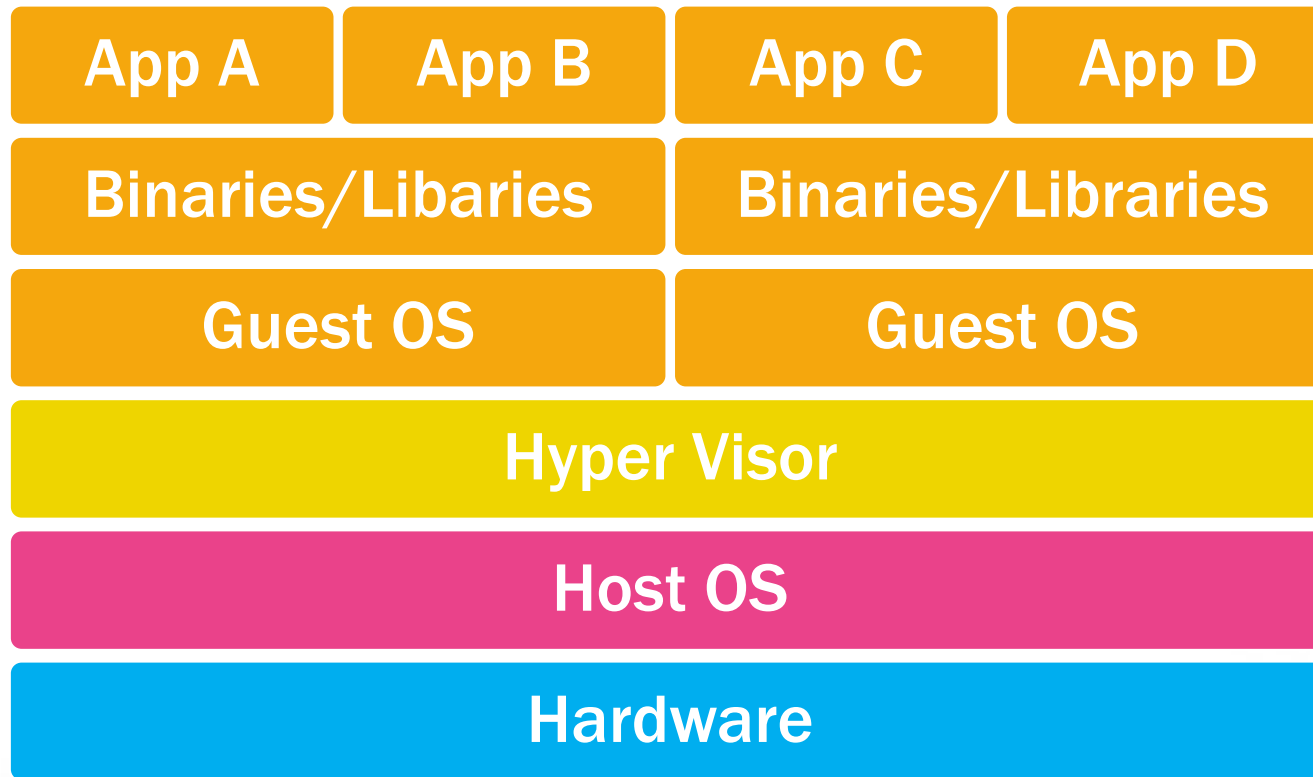
# Virtual Machine



# Virtual Machine... in the Cloud



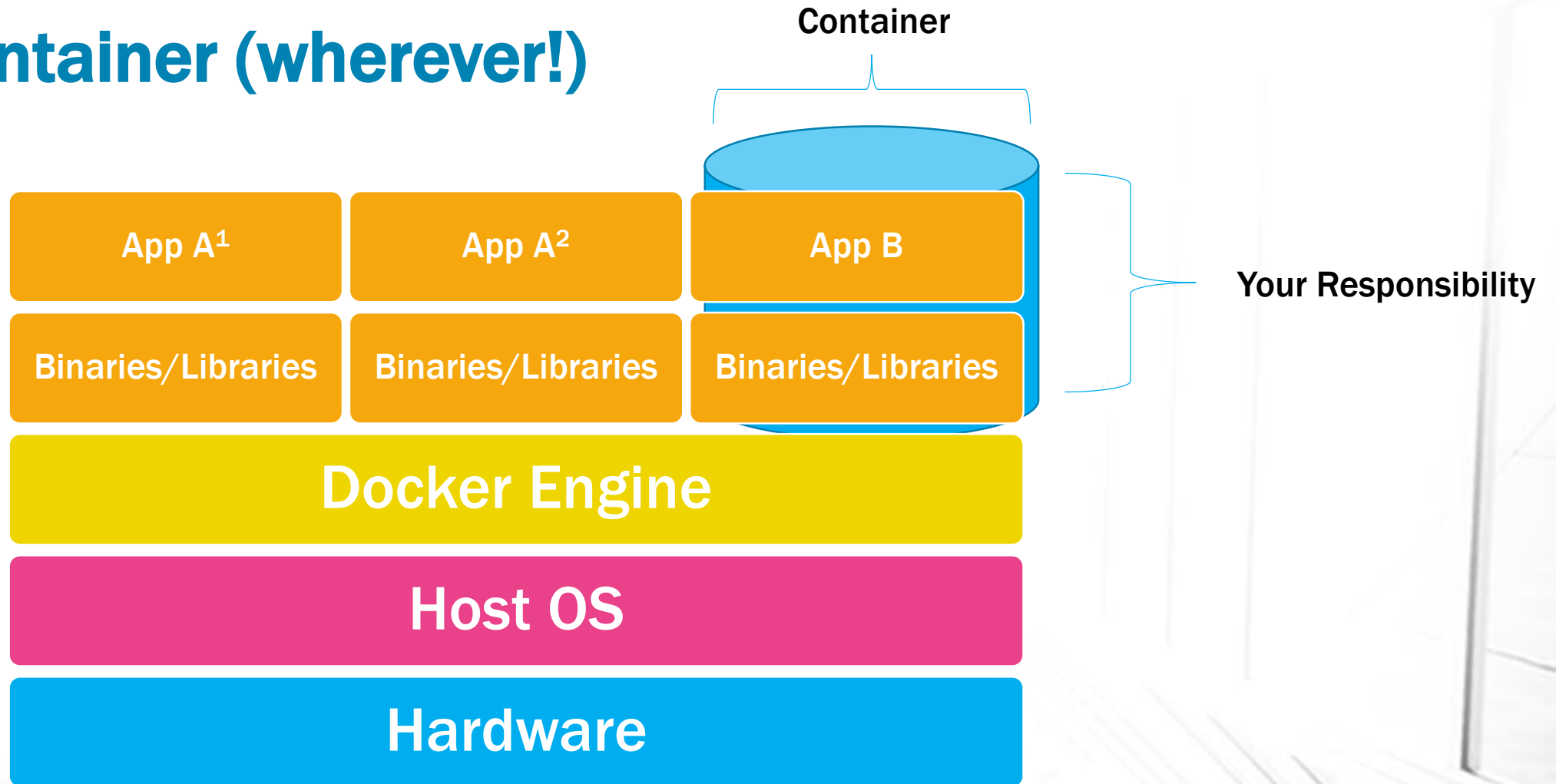
# Virtual Machine... in the Cloud



Your Responsibility



# Container (wherever!)



# Docker is ...

Standardized  
Unit of Software  
Development




Code, runtime,  
tools and  
libraries in one  
place

Shared host

Least privilege  
and secure by  
default

# Why Docker?

- Standardized
- Lightweight
- Predictable
- Consistent
- Fast
- Scalable
- Elastic
- Resilient



PUBLIC REPOSITORY

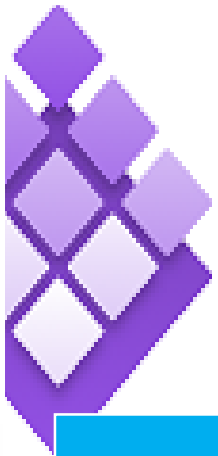
[jlikness/docker-contain-prez](#) ☆

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# Docker at Scale: Orchestration



**DC**

Mesos DC/OS



**kubernetes**

Kubernetes



Docker Swarm

# Let's Get Started!

Now for the “Hands on” Part!

# Thank You!

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<http://bit.ly/coderblog>

Questions?

