


HoneyBadger Cloud

Questions?



Architecture



DEMO

<https://honeybadgercloud.io>


Recorded Demo

<https://youtu.be/5G4m7e>

Why HoneyBadgerCloud?

- Complete stack for distributed Apps
- Resource Optimization
- Cloud Agnostic
- No Ops / Vendor Lock-in
- Low Complexity, One way to Deploy
- Scalability at a fraction of cost
- Simplified Kubernetes
- No need about infra-provision while you concentrate your application

HOW?



Marathon


- Open source, production ready
- Very easy to get up and running
- No Ops / Vendor Lock-in
- Low Complexity, One way to Deploy
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Mesos

- Mesos is a top-level Apache project
- Cluster resource broker
- Scalable
- Fault-tolerant
- SDI/API for distributed apps

Mesos => data center "kernel"

Docker



- Container Engine
- Docker Hub
- Docker Compose
- Docker Swarm
- Docker Machine
- Docker Cloud

Docker Vocabulary


- File
- Image
- Host
- Container

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HoneybadgerCloud

Containers as a Service


Simplify your architecture

Honeybadger don't care what cloud you run on

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HoneybadgerCloud

Containers as a Service

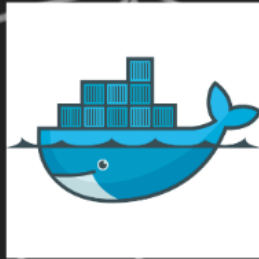
Simplify your architecture

Honeybadger don't care what cloud
you run on

Why HoneybadgerCloud?

- Complete stack for distributed App
- Resource Optimization
- Cloud Agnostic
- No Cloud Vendor lock-in
- Easy to deploy, One way to Deploy
- Scalability at a touch of a button
- Simplified Infrastructure
- We care about infrastructure while you care about your application

HOW?

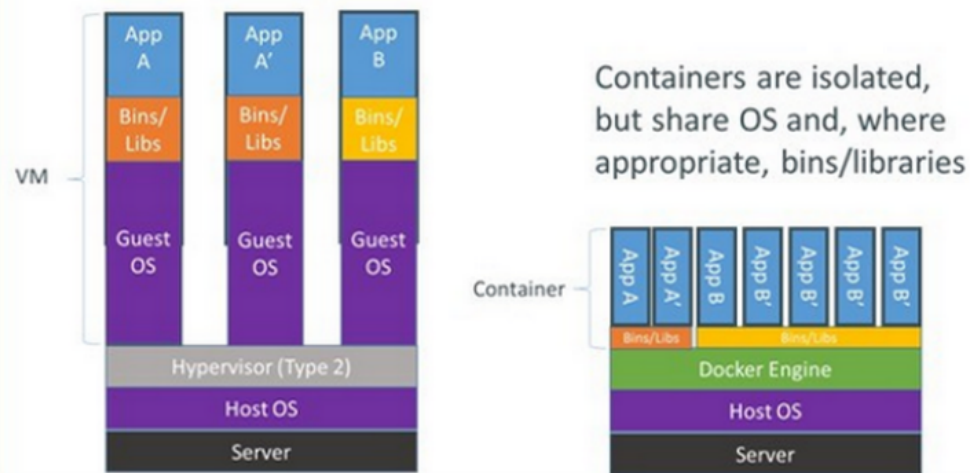


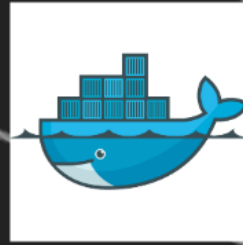
HAPROXY



Docker

Containers vs. VMs





- Lightweight Linux Execution Environment
- Static Application Composition
- Reliable Deployment
- Unit of resource Isolation
- Multitenancy without heavyweight VM's

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- SDK/API for distributed apps

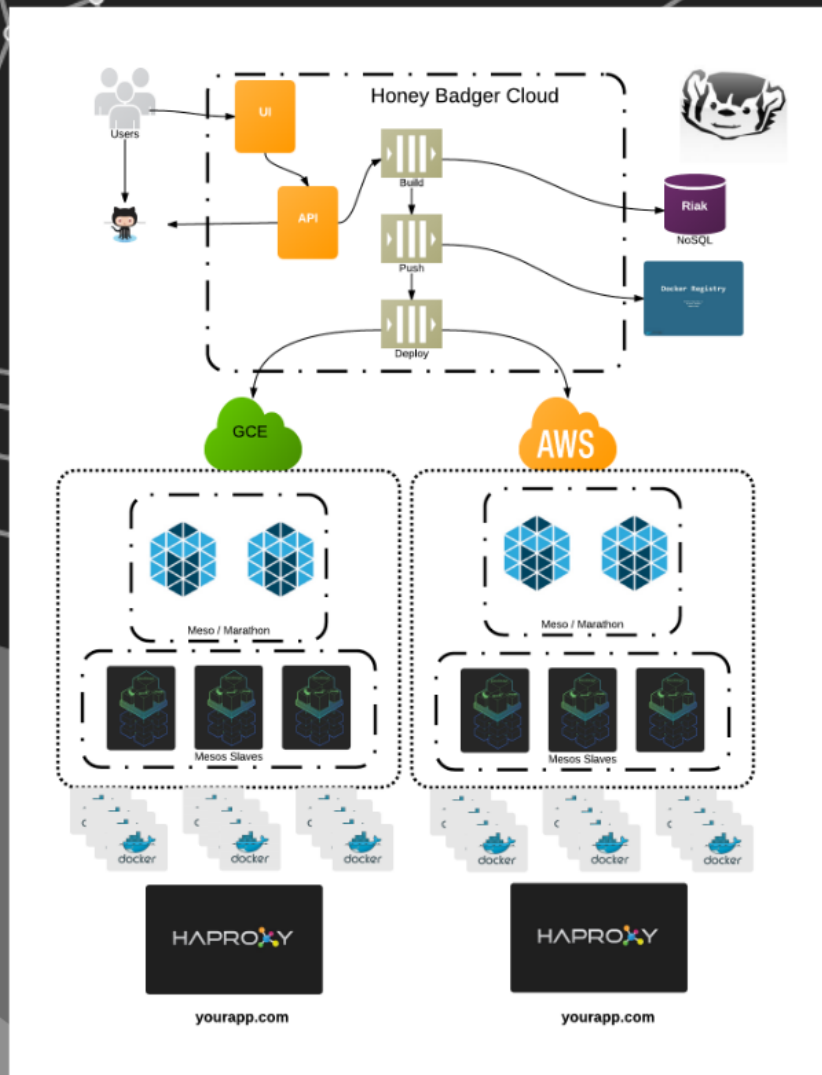
Mesos => data center “kernel”

Marathon

- Start, stop, scale, update apps
- View running tasks Kill an individual task
- Nice UI, Nice API
- Runs any Linux binary without modification
- Cluster-wide process supervisor !
- Marathon => “Init Daemon” for the data center



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<http://goo.gl/5Q1m17>

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Docker



- Docker User Interface
- Docker Engine
- Docker Hub
- Docker Compose
- Docker Swarm
- Docker Machine

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