What Is Container Orchestration All About?



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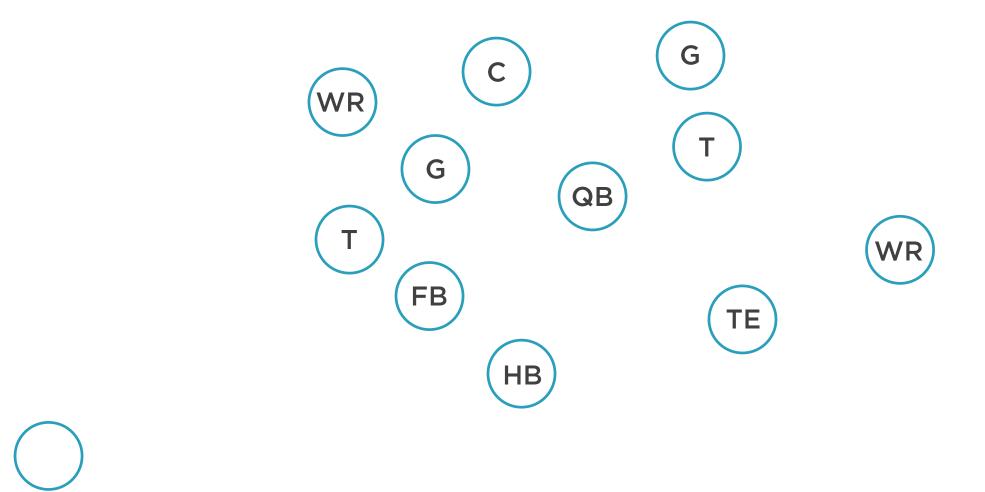
Container Orchestration - Analogy

Team



Container Orchestration - Analogy

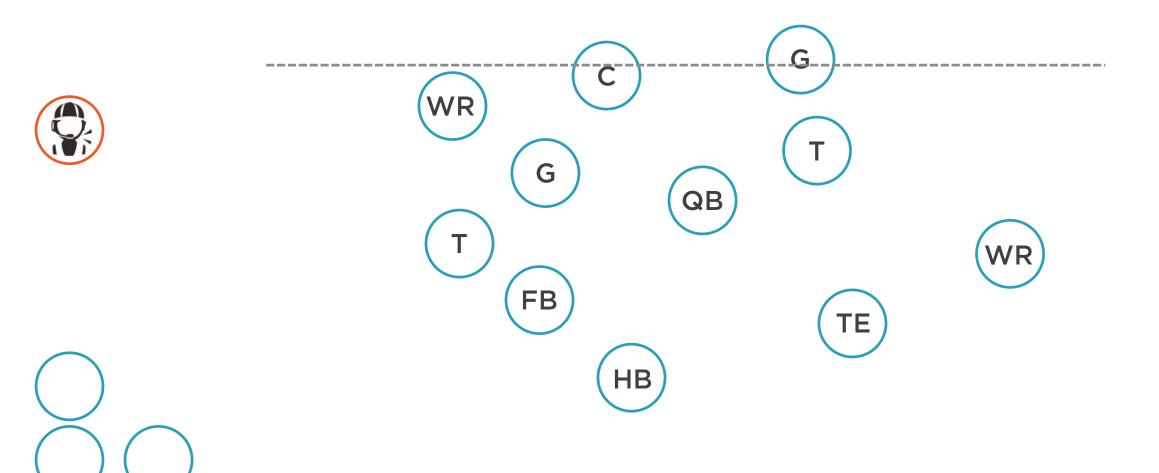
Team



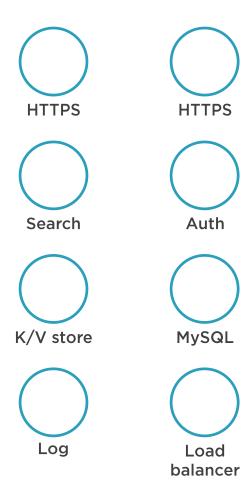


Container Orchestration - Analogy

Team





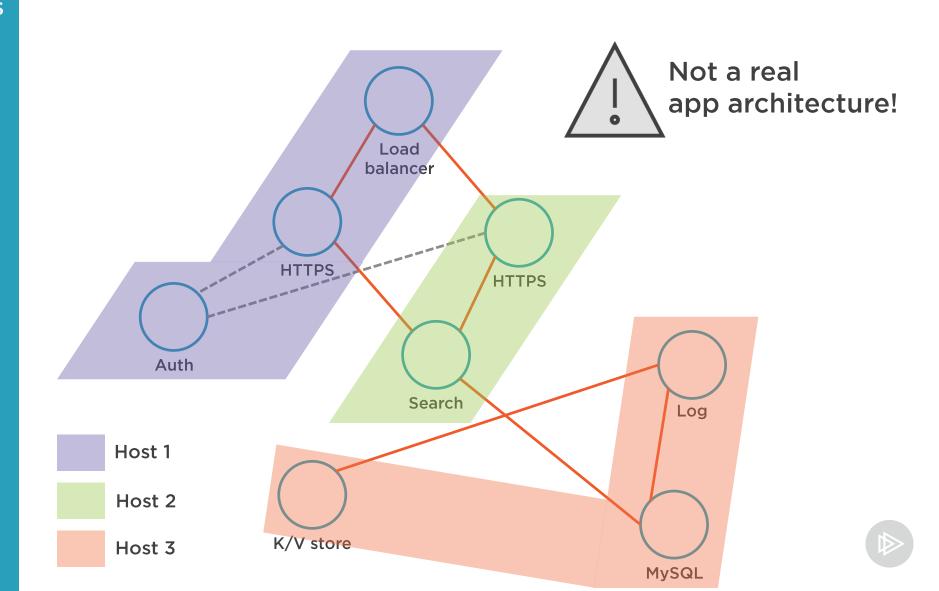








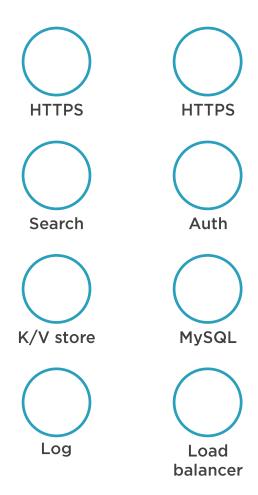
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- Hundreds of hosts



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Orchestration:

Defines our app

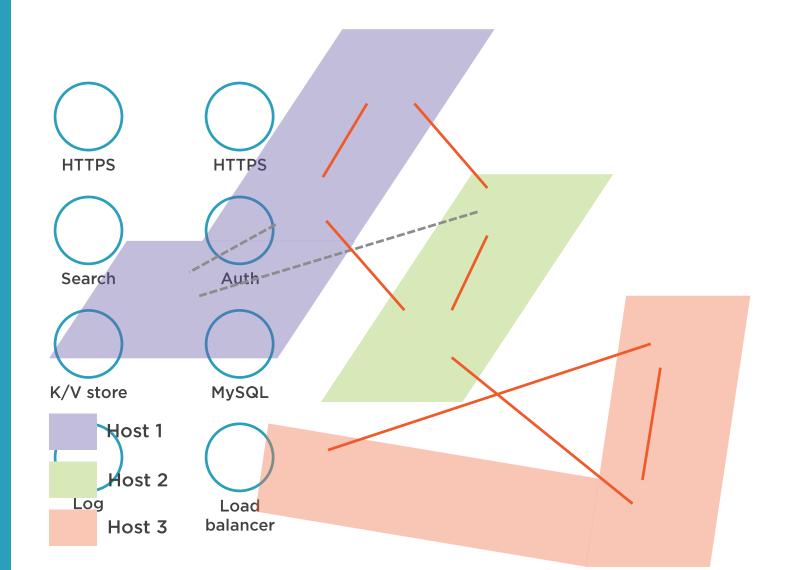




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Orchestration:

- Defines our app
- Provisions infrastructure
- Deploys our app
- Scales our app





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Docker orchestration products:

- Machine
- Compose
- Swarm

Ecosystem orchestration products:

Container Orchestration



Docker Machine

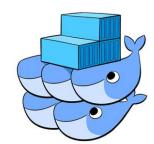
Provisions Docker hosts/engines



Docker Compose

Compose multi-container apps





Docker Swarm

Schedule containers over multiple Docker engines



- Thousands of containers
- Hundreds of hosts

Orchestration:

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Docker orchestration products:

- Machine
- Compose
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Ecosystem orchestration products

Container Orchestration



Kubernetes



Mesosphere DCOS



CoreOS fleet, etcd...



OpenStack Magnum



Summary

Container Orchestration

Apps are composed of multiple parts

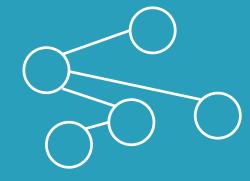




Summary



Apps are composed of multiple parts



Automates deployment and scaling...

Docker Inc.







Ecosystem

Kubernetes

Mesosphere

Cloudify

OpenStack

CoreOS

More...

