

# CI/CD of Microservices with Containers

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Run everything in containers!

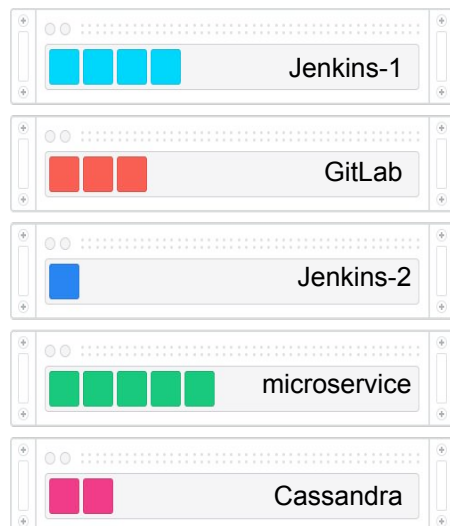




Organize everything efficiently!

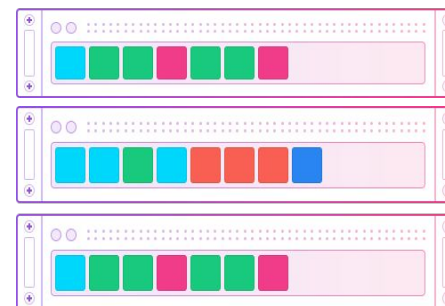


# Utilization



## Typical Datacenter

siloed, over-provisioned servers,  
low utilization (12-15% bare metal, 30% for VMs)



## Containerization Platform

automated schedulers, workload multiplexing  
onto the same machines

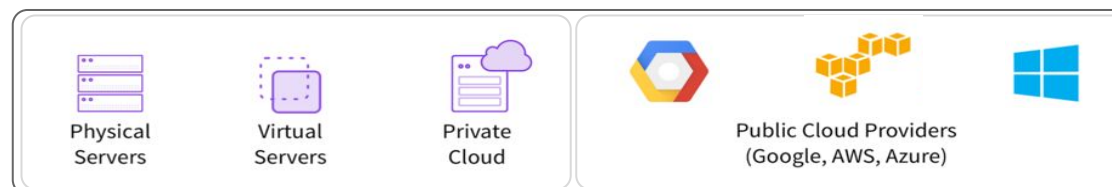
## Services & Containers

GitLab	Jenkins	Marathon	Cassandra	Flink
Spark	Artifactory	Kafka	MongoDB	Spinnaker

## DC/OS



**ANY INFRASTRUCTURE**



# CI/CD Demo

Using Jenkins, the Jenkins+Mesos plugin, and GitLab to test and deploy an nginx-based website.

# Questions?

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