Kubernetes com piloto automático na Google Cloud

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- HashiCorp Certified: Terraform Associate
- Google Cloud Certified Professional Cloud Architect
- AWS Solutions Architect Associate
- OCI Certified Architect Professional
- PSMI- Professional Scrum Master I

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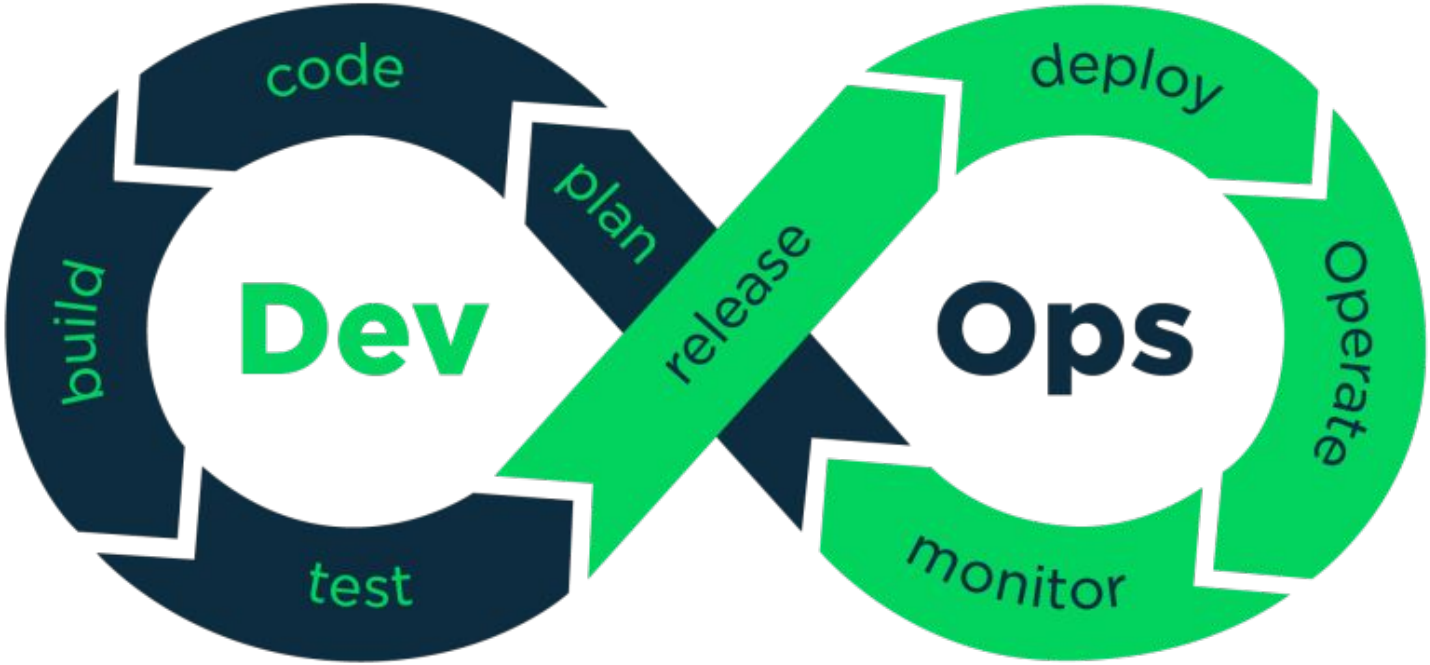
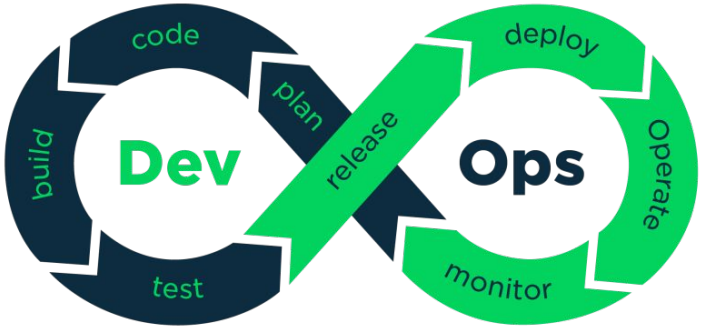
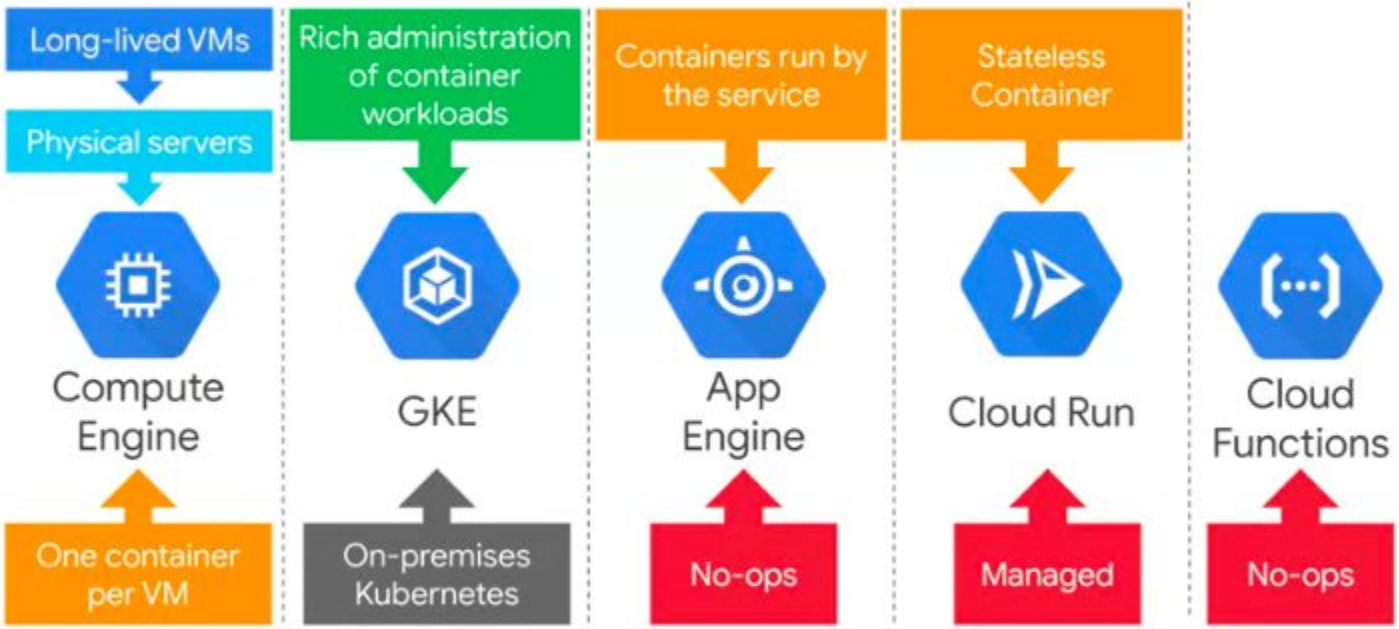
Slides e Demos:

https://github.com/andersonbispos/4Linux-k8s-day


code
plan
build
Dev
test
release
deploy
Operate
Ops
monitor

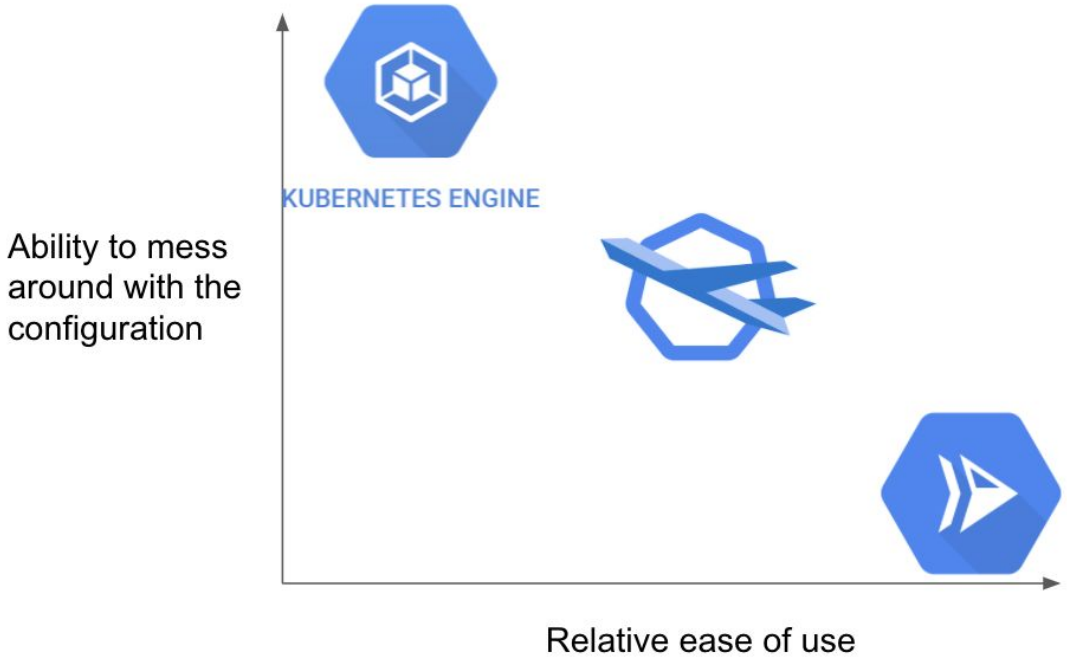


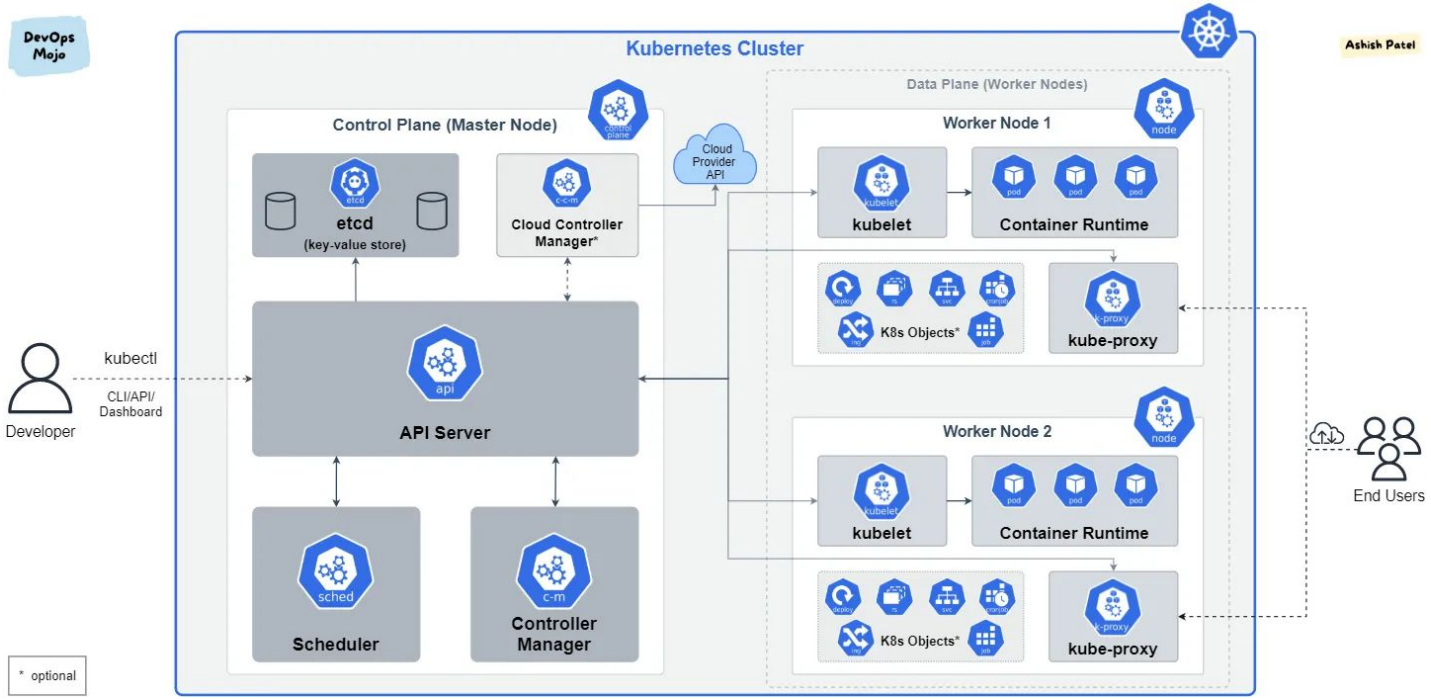
Code	**Cloud Source Repository**
Build	**Cloud Build**
Release	**Artifact Registry**
Deploy	**Cloud Build**
Monitor	**Cloud Operations**



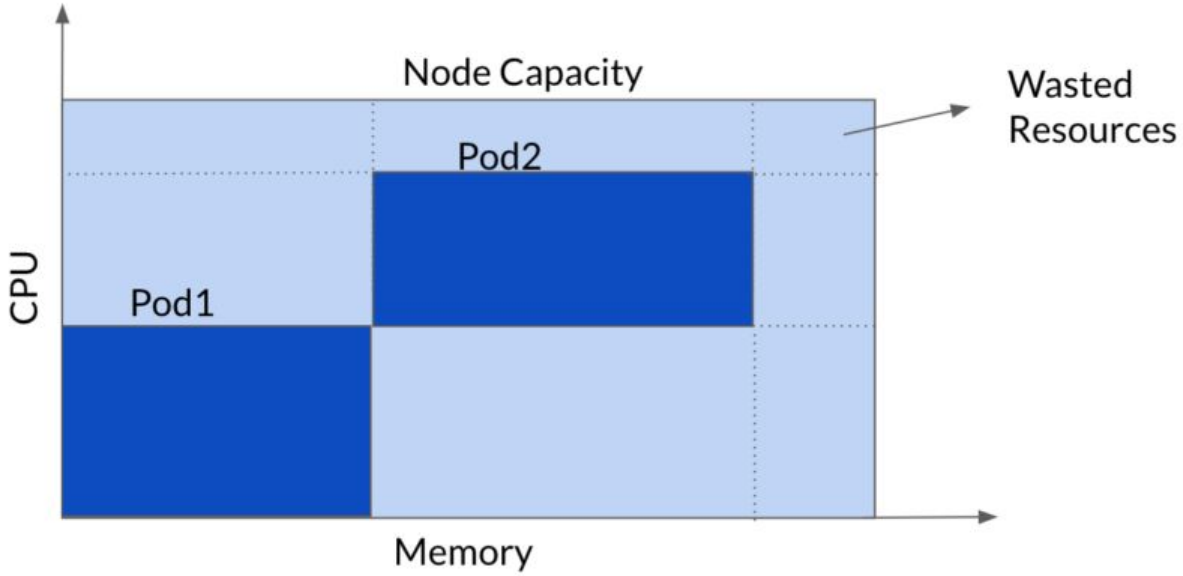
https://www.youtube.com/watch?v=63Suartio6Q&t=1942s

NA MASSA!


KUBERNETES ENGINE
Ability to mess around with the configuration
Relative ease of use


DevOps Mojo
Ashish Patel
Kubernetes Cluster
Data Plane (Worker Nodes)
Control Plane (Master Node)
Worker Node 1
Worker Node 2
Cloud Provider API
etcd
(key-value store)
Cloud Controller Manager*
API Server
Scheduler
Controller Manager
kubelet
Container Runtime
K8s Objects*
kube-proxy
kubectl
CLI/API/ Dashboard
Developer
End Users
* optional

Day 0
Install
Day 1
Configure &
Operate
Day 2
Optimize,
Compliance
Day N
Upgrade,
Patching


Node Capacity
Wasted
Resources
Pod2
CPU
Pod1
Memory

Container runtime
Shielded Nodes
Workload Identity
Container runtime
Secure Boot
Automated node upgrades
Shielded Nodes
Workload Identity
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NA MASSA!

TEMOS DÚVIDAS?