



Easy CI/CD for Fargate



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Agenda

- What is Fargate?
- ECS Launch Types: EC2 vs Fargate
- Fargate on ECS - Architecture and Deployment flow
- Demo: CI/CD for Fargate
- Summary and Q&A

<https://codefresh.io/docs/docs/deploy-your-containers/amazon-ecs/>

What is Fargate?

- Run containers without needing to set up, configure, and manage servers
- Automated Scaling
- Billing is based on how many CPU cores, and gigabytes of memory your task requires, per second



ECS Launch Types: EC2 vs Fargate

- Large workload, optimized for price?



- Large workload, optimized for low overhead?



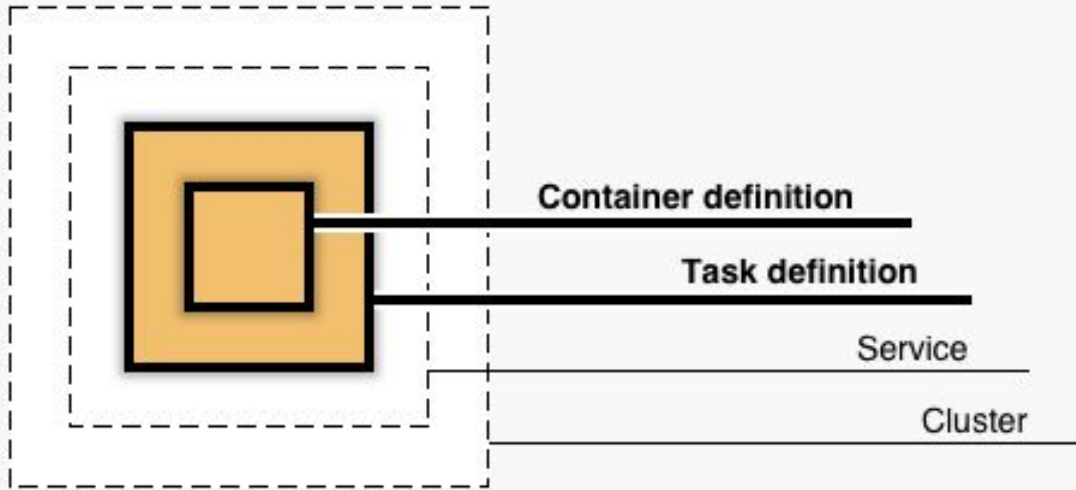
- Small workload, with occasional bursts?



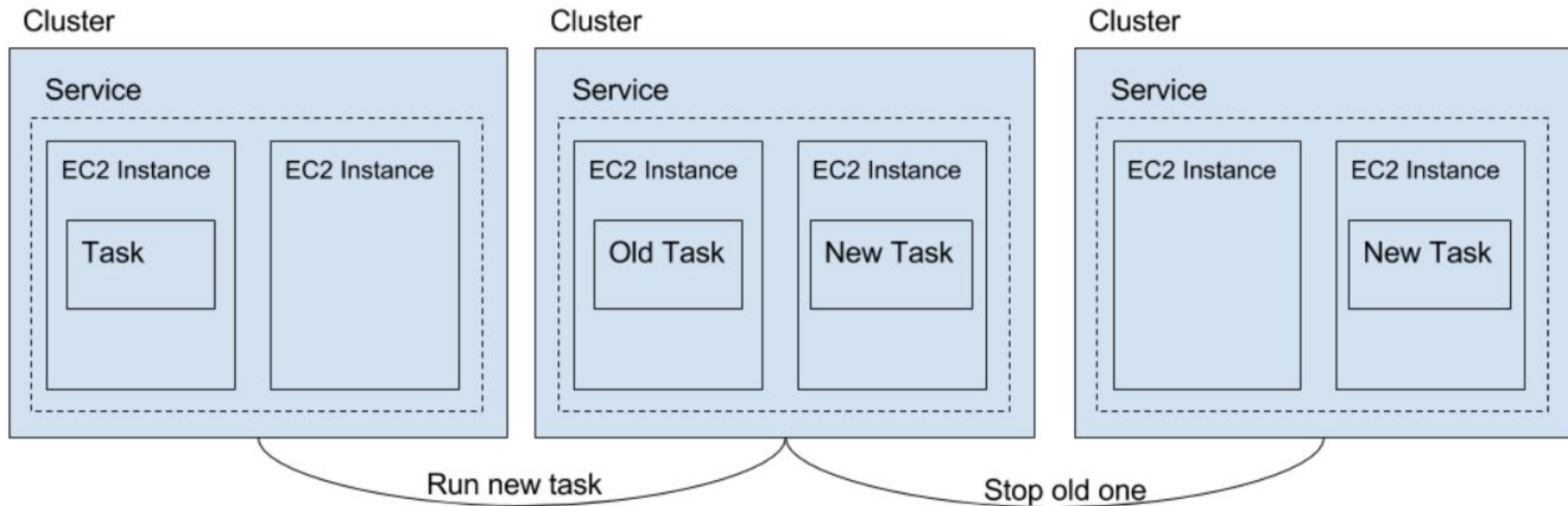
- Batch workloads?



Fargate on ECS - Architecture



ECS/Fargate Deployment Flow



Demo time!

CI/CD of GO app for Fargate

<https://github.com/codefresh-contrib/helm-sample-app>

Codefresh

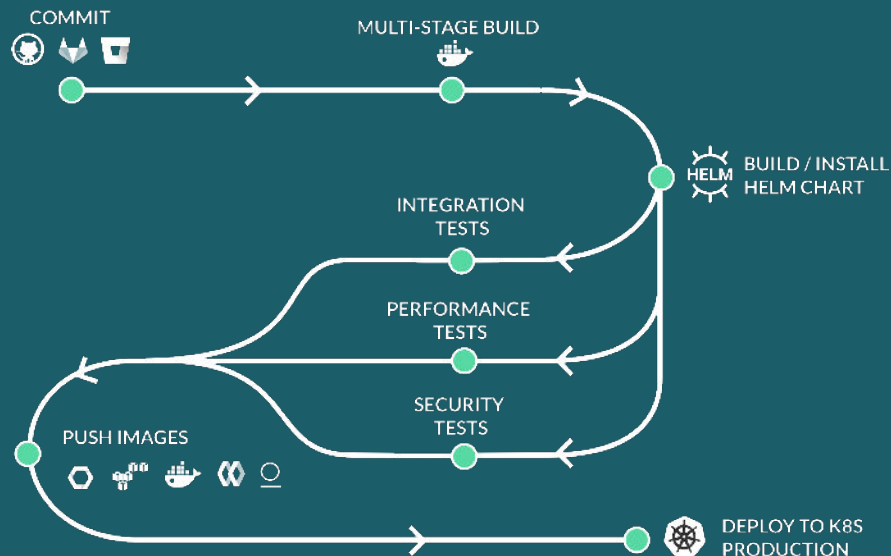
The 1st container-native
CI/CD Platform for
Microservices

 Container-native

 Intuitive & Robust

 Enterprise Ready

 Flexible Delivery



Summary

- Focus on developing your app (let AWS manage the infrastructure for you!)
- Easy deployment using open-source built-in step for Fargate
- Speedier builds thanks to caching across all images and layers



Thank You!

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