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?**   **EC2**

- **Large workload, optimized for low overhead?**   **Fargate**
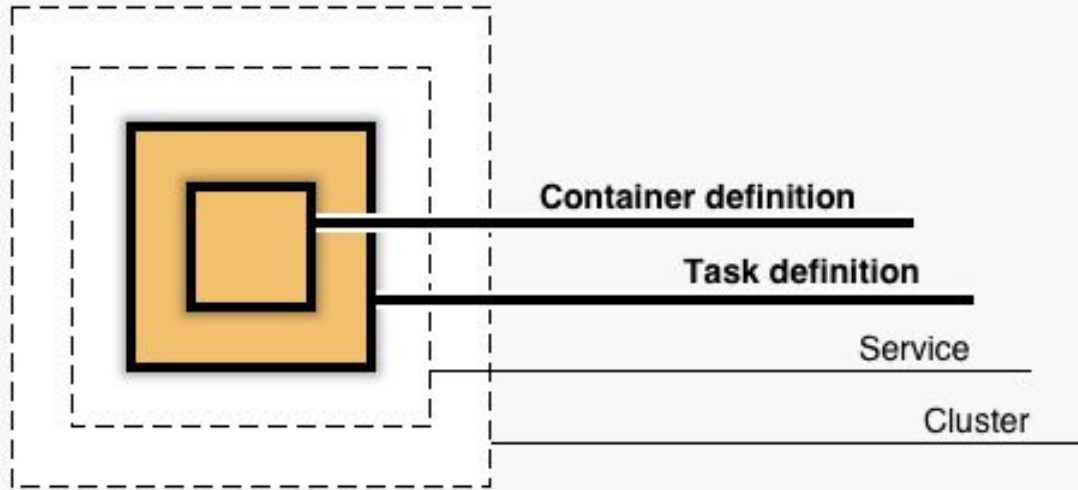
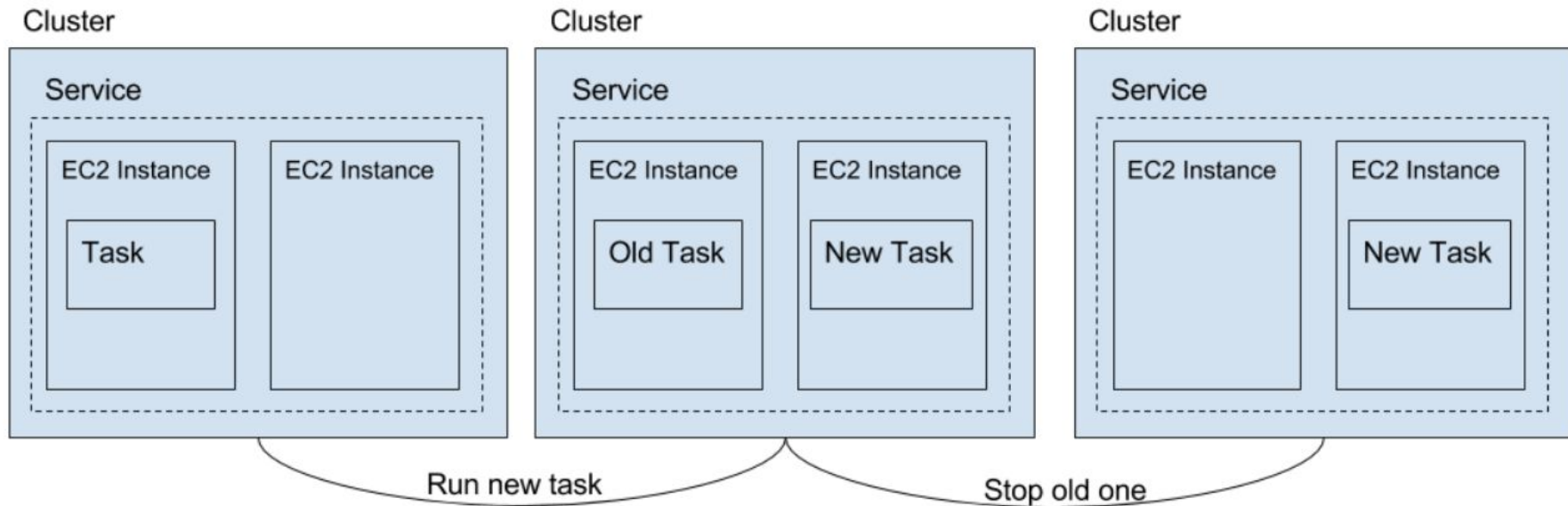- **Small workload, with occasional bursts?**   **Fargate**

- **Batch workloads?**   **Fargate**

Fargate on ECS - Architecture

ECS/Fargate Deployment Flow

Demo time!
CI/CD of GO app for Fargate

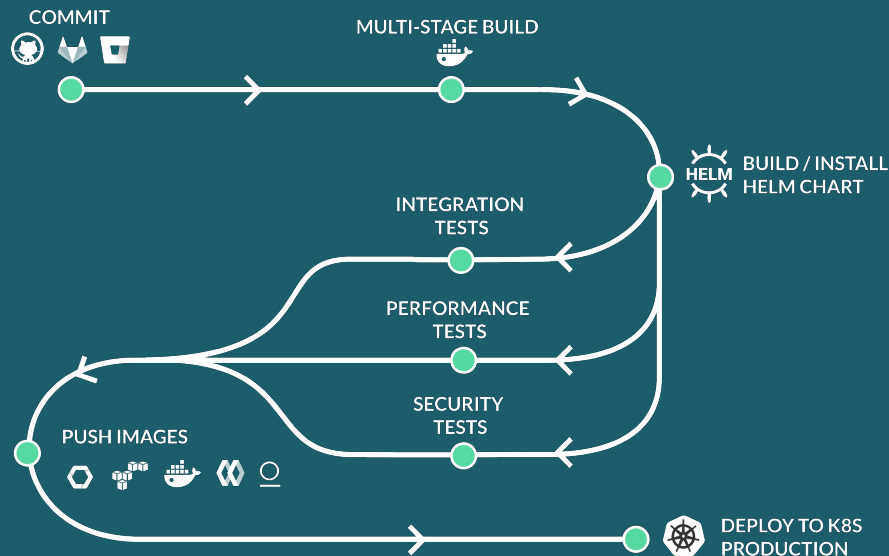https://github.com/codefresh-contrib/helm-sample-app

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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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