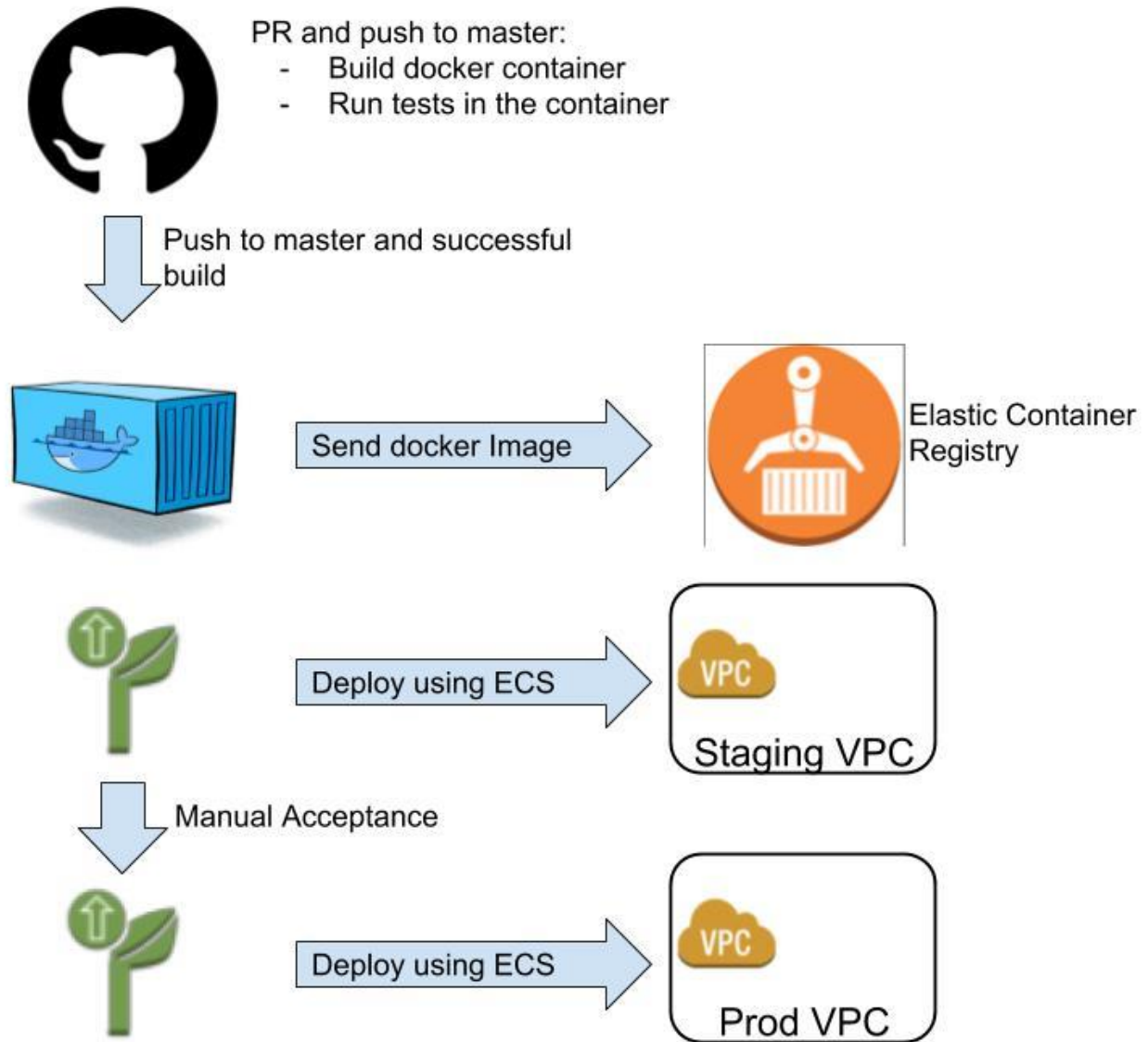
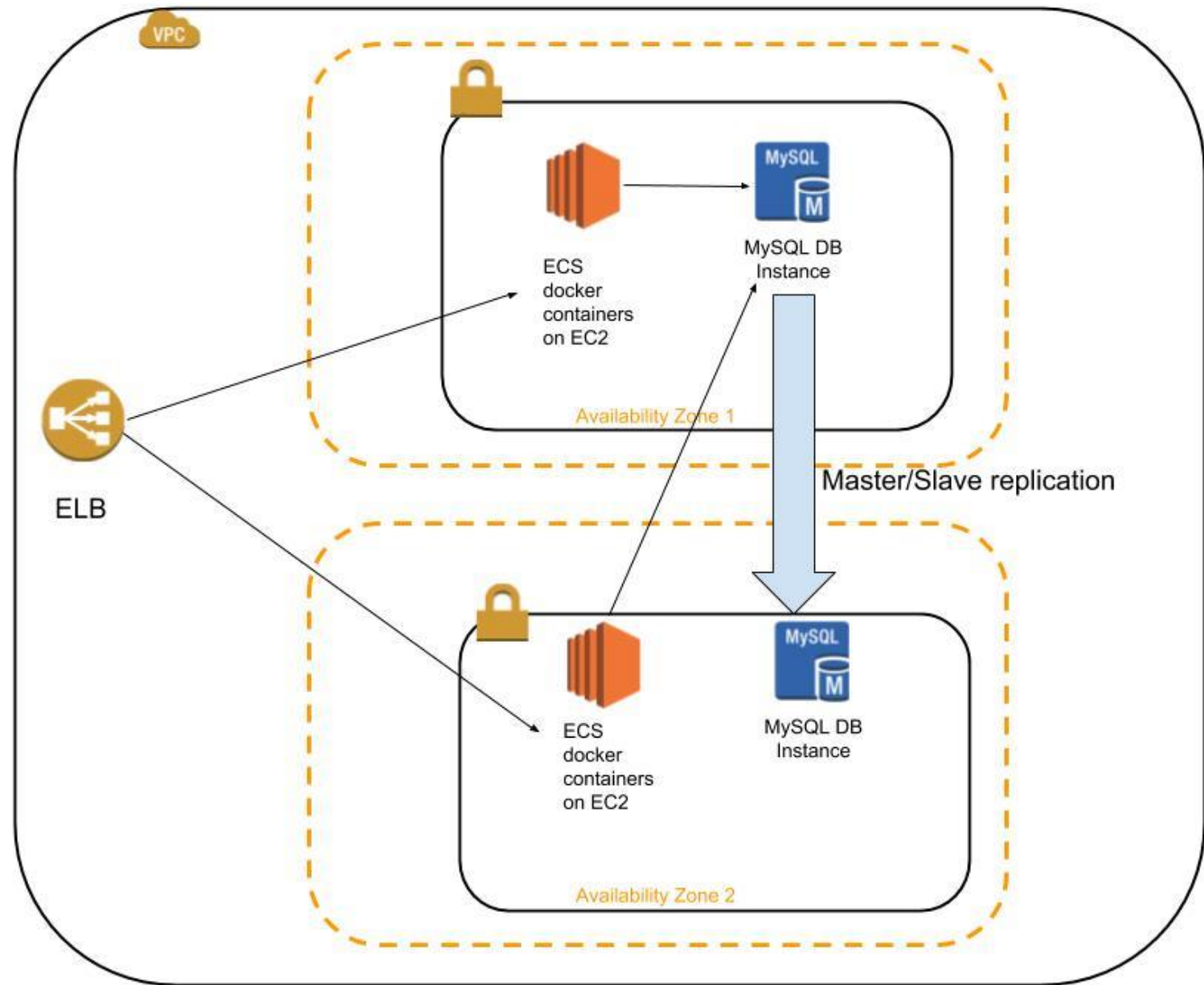


CI/CD for NoteJam

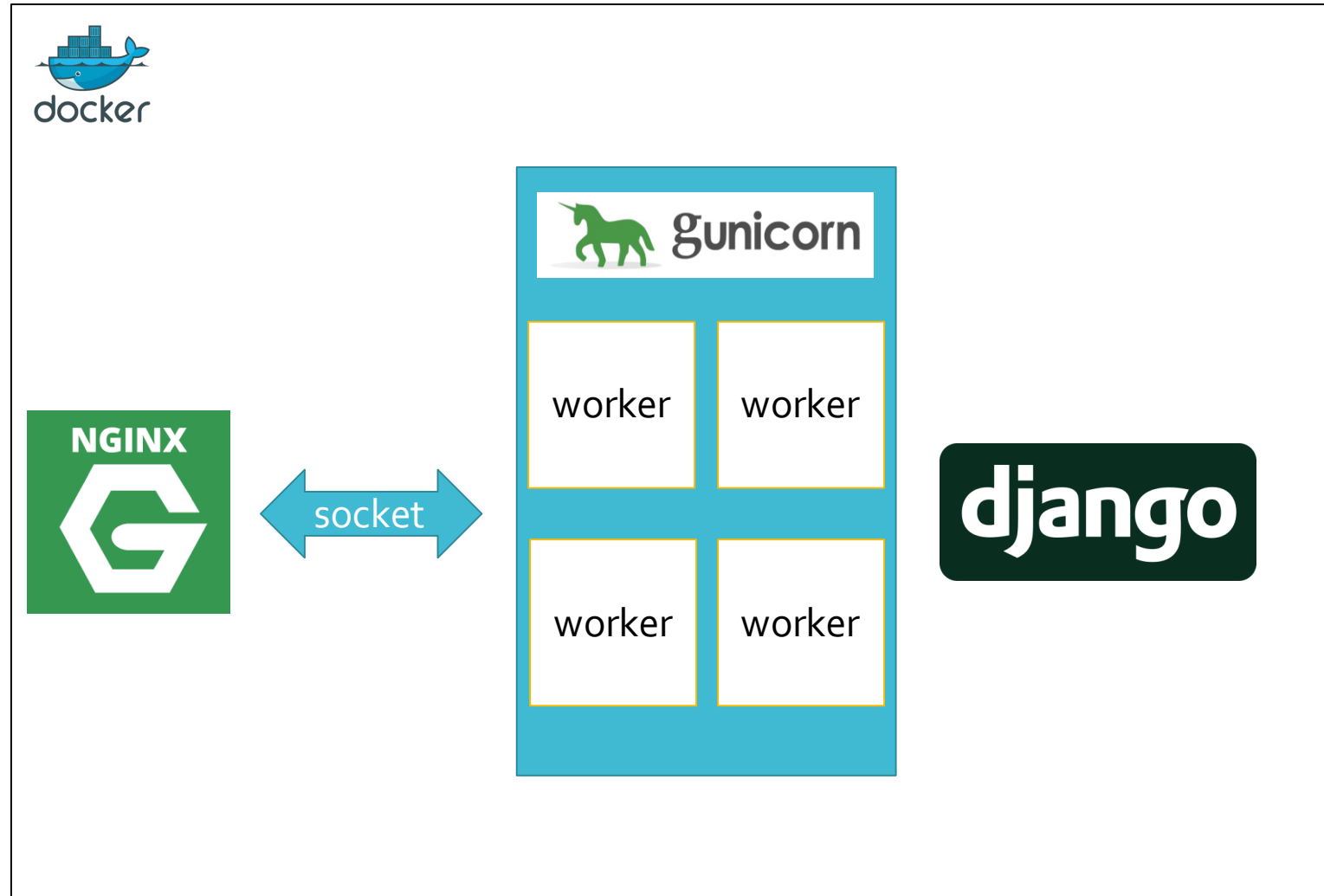
Overview CI/CD



Application Architecture Overview



Docker container architecture



Docker Container



Use MySQL as persistent storage



- Get runtime configuration from S3
- Use secure bucket (IAM roles for tasks)
 - Creates initial admin user
- Separate configuration for prod and staging



Store logs using CloudWatch and awslogs

Vagrant for local dev

- Easy to start
- Uniform local development environment
 - make tests; make coverage



Provisioning scripts Overview

Explained in Readme.md

3 tiers: load balancer, database, web

`create_environment.sh` - init aws, create staging and prod environments

`create_env.yml` - create environment with configs from `env_configs`



ANSIBLE

Runtime scripts Overview

Explained in Readme.md

`db_snapshot.sh` - Creates/lists or deletes db snapshot

`restore_db_snapshot.sh` - Restores database from
snapshot

`scale_nodes.sh` - scale number of nodes