Deploying Everything with Amazon ECS

Registering the Task Definitions

Generate a secure token

```
# Make sure you're in the dockerzon/ folder when executing this command
docker-compose up -d

# Generate a secret token with Rails
docker exec dockerzon_dockerzon_1 rake secret

# Ensure everything has stopped
docker-compose stop
```

- Copy the secure token generated by the rake secret command

Register the sidekiq task definition that you downloaded

```
# Make sure you're in the production/ folder when executing this command
aws ecs register-task-definition \
  --cli-input-json file://worker-task-definition.json
```

Register the web task definition that you downloaded

```
# Make sure you're in the production/ folder when executing this command
aws ecs register-task-definition \
  --cli-input-json file://web-task-definition.json
```

Register the db reset task definition that you downloaded

```
# Make sure you're in the production/ folder when executing this command
aws ecs register-task-definition \
  --cli-input-json file://db-reset-task-definition.json
```

- Make note of the revision in the JSON output

Initialize the database with the reset task

```
aws ecs run-task --cluster production --task-definition db-reset --count 1
```

Deregister the extremely dangerous reset task

```
aws ecs deregister-task-definition --task-definition db-reset:1
```

- Make sure to deregister the correct revision, and to deregister them all if more than 1 exists

Confirm that running the reset task is impossible

```
aws ecs run-task --cluster production --task-definition db-reset --count 1
```

- Make note of the TaskDefinition not found error in the JSON output (this is good!)

Register the db migrate task definition that you downloaded

```
# Make sure you're in the production/ folder when executing this command
aws ecs register-task-definition \
  --cli-input-json file://db-migrate-task-definition.json
```

Run a database migration with the migrate task

```
aws ecs run-task --cluster production --task-definition db-migrate --count 1
```

List all task definitions

```
aws ecs list-task-definitions
```

- Make note of the web:x output in the JSON output