Deep Dive with Amazon ECS

Scheduling Services

Create a service

```
aws ecs create-service --cluster deepdive --service-name web \
  --task-definition web --desired-count 1
```

List all services

```
aws ecs list-services --cluster deepdive
```

Take a closer look at the service we created

```
aws ecs describe-services --cluster deepdive --services web
```

- Make note of the runnningCount field in the JSON output

Visit the public DNS address in a browser

```
# Describe your instances to find the public DNS
aws ec2 describe-instances
```

- Find the PublicDnsName field in the JSON output
- Copy/paste the PublicDnsName into your browser, you should see welcome to nginx!

Run a second service by updating it

```
aws ecs update-service --cluster deepdive --service web \
  --task-definition web --desired-count 2
```

- Make note of the desiredCount field in the JSON output

Delete the service

```
# You must update it to have a desired count of 0 before deleting a service
aws ecs update-service --cluster deepdive --service web \
  --task-definition web --desired-count 0
aws ecs delete-service --cluster deepdive --service web
```

List all services again to make sure it's gone

```
aws ecs list-services --cluster deepdive
```

Generate a skeleton service

```
aws ecs create-service --generate-cli-skeleton
```