Preparing to Deploy Everything on AWS

Setting up an Elastic Load Balancer

Get a list of subnets in your default VPC

```
aws ec2 describe-subnets
```

- Make note of MOST OF the SubnetId fields in the JSON output
- Only make note of the ones where the associated DefaultForAz is true

Create the ELB

```
aws elb create-load-balancer --load-balancer-name dockerzon-web \
  --listeners \
  "Protocol=HTTP,LoadBalancerPort=80,InstanceProtocol=HTTP,InstancePort=80" \
  --subnets subnet-5e40c063 subnet-43bca768 subnet-ffc128a7 subnet-0d61b67b \
  --security-groups sg-5f63c627
```

- Replace my subnets with yours
- Make note of the DNSName field in the JSON output

Get the details of the ELB we just created

```
aws elb describe-load-balancers
```

Configure the idle time-out period

```
aws elb modify-load-balancer-attributes --load-balancer-name dockerzon-web \
  --load-balancer-attributes "{\"ConnectionSettings\":{\"IdleTimeout\":5}}"
```

- IdleTimeout defaults to 60 seconds, you should make it match REQUEST_TIMEOUT in your app

Configure the health check

```
aws elb configure-health-check --load-balancer-name dockerzon-web \
  --health-check \
Target="HTTP:80/health_check,Timeout=5,Interval=30,UnhealthyThreshold=2,Healthy
Threshold=10"
```

- More information about these values can be found here: http://docs.aws.amazon.com/ElasticLoadBalancing/latest/DeveloperGuide/elb-healthchecks.html

(Optionally) Delete the ELB

```
aws elb delete-load-balancer --load-balancer-name dockerzon-web
```

- Don't do this now unless you're no longer on the free tier and want to save money