

CERT-MANAGER

- ▶ Let's use a Reckoner Hook

```
cert-manager:
  version: v0.5.2
  hooks:
    post install:
      - Kubectl apply -f manifests/letsencrypt-staging.yaml
      - kubectl apply -f manifests/letsencrypt-prod.yaml
  values:
    ingressShim:
      defaultIssuerName: letsencrypt-prod
      defaultIssuerKind: ClusterIssuer
      resources:
        requests.cpu: 10m
        requests.memory: 32Mi
        limits.cpu: 15m
        limits.memory: 64Mi
    resources:
      requests.cpu: 10m
      requests.memory: 50Mi
      limits.cpu: 15m
      limits.memory: 100Mi
```

METRICS-SERVER (OR HEAPSTER)

- ▶ Resource Metrics
- ▶ Metrics Server for 1.10+
- ▶ Needed for HPA
- ▶ GKE

```
metrics-server:  
  version: "2.0.4"
```

```
heapster:  
  version: "0.2.10"  
  values:  
    rbac.create: "true"  
    resources.requests.cpu: 100m  
    resources.requests.memory: 300Mi  
    resources.limits.cpu: 100m  
    resources.limits.memory: 300Mi
```