

**DevOps**

Personal



Private

**DS**

Invite

## Design

Kubernetes Blue / Green - Major Updates

Kubernetes Rolling - Minor Updates

AWS Lambda Triggers

Jenkins Pipeline

Git Commits

## Flow

Infrastructure CI: Jenkins Pipeline

☑ 0/2

Blue/Green Testing and Integration

Rolling Testing and Integration

Ansible CD with boto3

Flux Container Image &  
Configuration Pull

Tiller Container Deployment Push

Blue/Green Deployment

Rolling Deployment

KubeOne Cluster Management

AWS CloudFormation Kubernetes  
IaC

## Feedback

Sentry - Bug Report System

Promethius - Monitoring System

Grafana - Graphing System

ELK Stack - Logging System

Locust - Load Testing

Jenkins - Node exporter

AWS CloudWatch

☑ 0/3

Kubernetes

☑ 0/4

## Documentation

Local Build Documentation

Cloud Build Documentation

GitHub Bug Reports

GitHub Wiki



## Security

AWS Key-Pairs



☑ 0/2

IAM Service Roles

☑ 0/3

- SQL Database Encryption
- S3 Bucket Encryption  
 0/5
- CloudFlare - DDoS Protection
- AWS Security Groups  
 2/5
- AWS Route Tables
- AWS Load Balancer Ingress and Egress
- Data in Transit Encryption
- Jenkins - Aqua Microscanner
- IAM Policies
- IAM Groups
- IAM Users
- OAuth 2.0 Authentication
- JWT WebTokens
- Kubernetes Secretes
- Kubernetes ConfigMaps

Completed

Shared Data Microservices Design Pattern - PostgreSQL  
  1/1 DS

- Proxy Microservice Design Pattern - Nginx Proxy

☒ 1/1

DS
- CI/CD Pipeline

☒ 1/1

DS
- Container CI: Docker Pipeline

☒ 9/9

DS
- AWS CloudFormation App IaC

☒ 3/3

DS
- AWS CloudFormation Jenkins IaC

☒ 2/2