

**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 Jenkins IaC

☑ 0/2

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

- 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

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Proxy Microservice Design Pattern - Nginx Proxy

 1/1


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CI/CD Pipeline

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Container CI: Docker Pipeline

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AWS CloudFormation App IaC

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