

CI

## How Deployment Practices

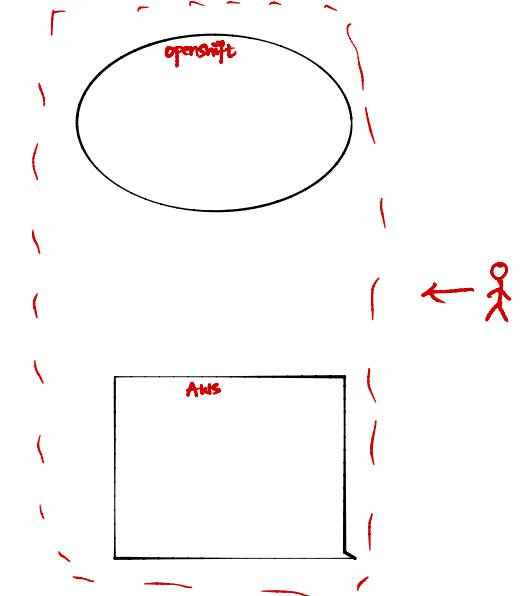
Steps

Pipelines

Jenkins

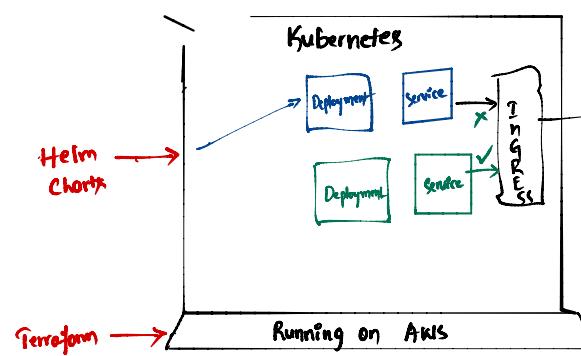
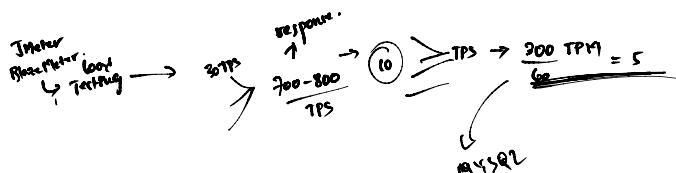
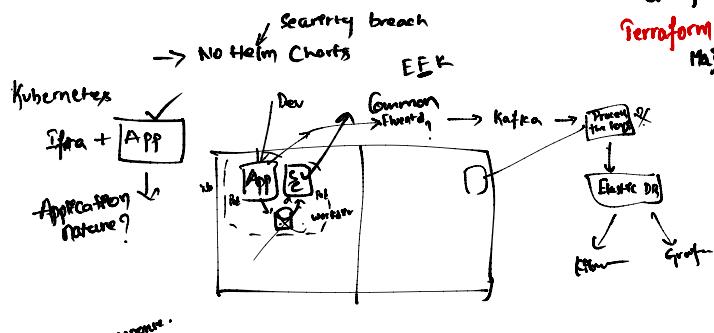
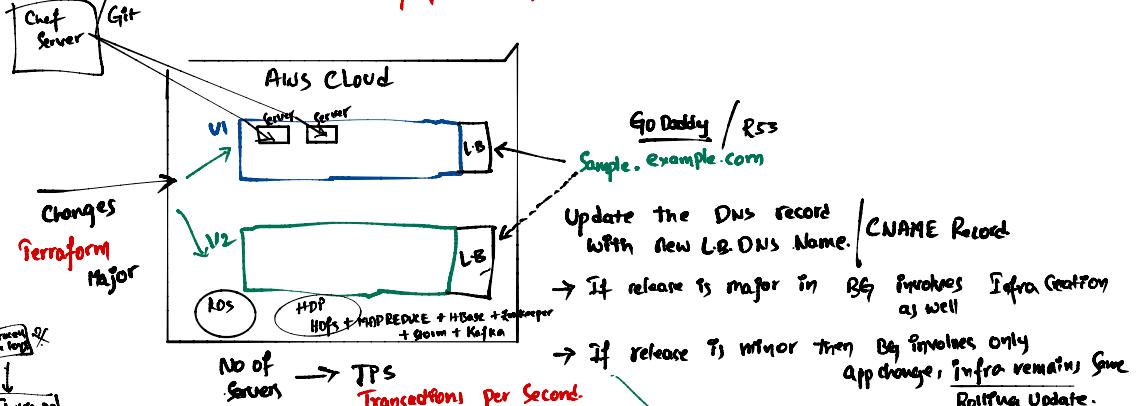
Gitops

## Deployments



## Deployments

→ Blue/Green Deployment

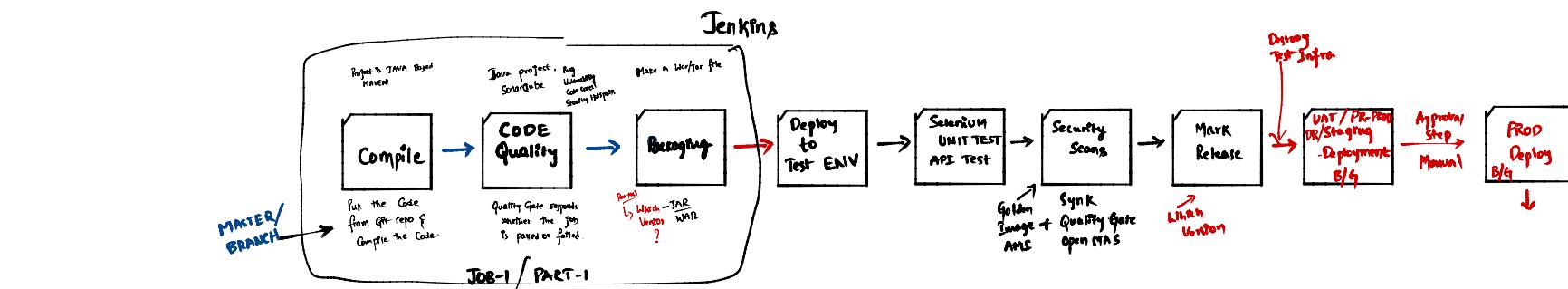


Check-List	
Source Code Management	
Image Standardization for container image creation	
Deploy / Clean-Up	
Application Documentation	
Application Diagrams	
Horizontal Pod Autoscaling(HPA)	
Pipeline validated Acceptance Tests	
Pipeline validated Performance Tests (APM)	
Monitoring - Site24x7 rest API call	
<b>New Part</b>	
Monitoring - Dynatrace	Dashboard, Logging, Service Integration
Log Aggregation	
Pagerduty - On-call mapping and alert integration	
Security Release Criteria	

Alerts  
 Monitoring → Tools → Pager → Crisis Duty

## Release

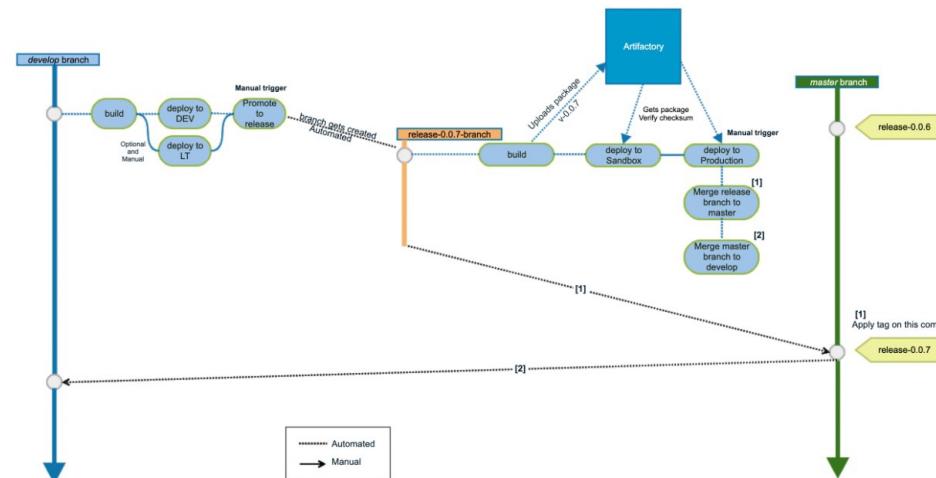
- To release, Checklist is followed
- CAB (Change Advisory Board), Get approval for deployment
- You do deployment. Manually, but steps are completely automated. Only trigger is Manual



MAVEN  
 Auto Version release plugin  
 Manual Version  
 Input from Jenkins

Version NO

MAJOR VERSION - MINOR VERSION - BUG NUMBER



## TECH STACK

