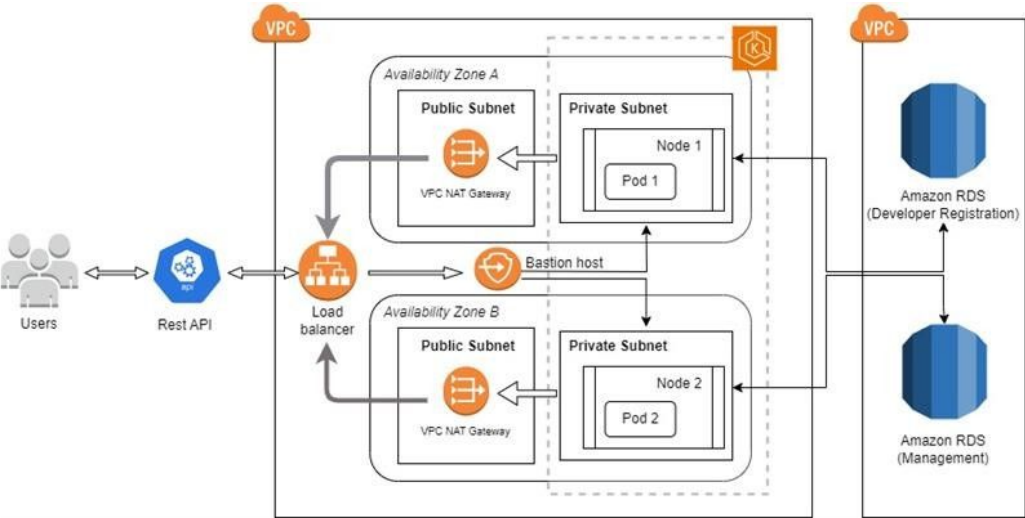


# DeveloperIQ Runbook

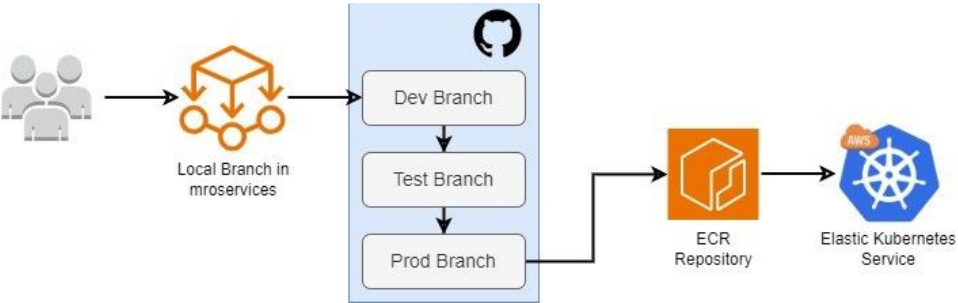
Runbook name	DeveloperIQ Runbook
Runbook description	Instructions and procedure that requires to follow in order to deploy the DeveloperIQ solution
Owner	Supipi Munasinghe
Version	1.0
Version date	12 Dec 2023
On this page	

## Architecture

### Solution Architecture



### Deployment Architecture



## Support contacts

Expertise level	Team	Contact info
Product Developer	Supipi Munasinghe	<a href="mailto:supi96226@gmail.com">supi96226@gmail.com</a>

## Process

	Step instructions	Execution location	Run environments	Run Instructions	Documentation
1	Configure AWS CLI	Local Machine	PowerShell CLI	Install AWS CLI version 2	
2	Configure eksctl	Local Machine	PowerShell CLI	choco install -y eksctl	
3	Configure Kubernetes CLI	Local Machine	PowerShell CLI	choco install kubernetes-cli	
4	Create EKS Cluster	Local Machine	AWS	eksctl create cluster -- region us-east-2 --nodetype t3.small --nodes 2 --nodes-min 1 --nodesmax 4 --name californiavoter- cluster -- kubeconfig=C:/Users /nushan_09113/.kube /config.yaml	
5	Create RDS for Micro Services	AWS	RDS		
6	Create Micro Services	Local Machine	Git Hub / ECR		 <a href="#">GitHub - supi96226/Developer</a>
7	Deploy Application	Local Machine	EKS	kubectrl apply -f C: /Users/nushan_09113/. kube/deployment.yaml	 <a href="#">supi96226/Resources</a>
8	Testing	Local Machine	Postman		
9	CI / CD	Git Hub / AWS	Git Hub / AWS		