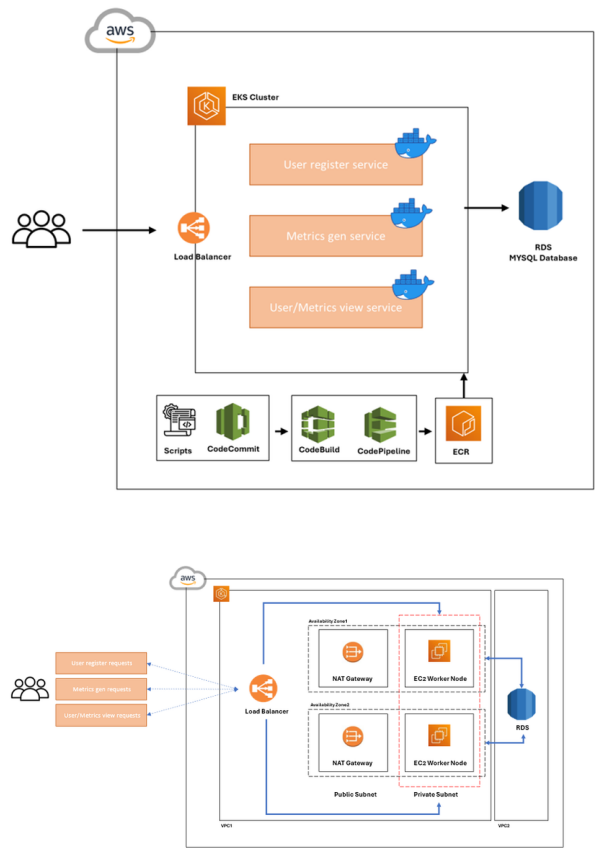


DeveloperIQ

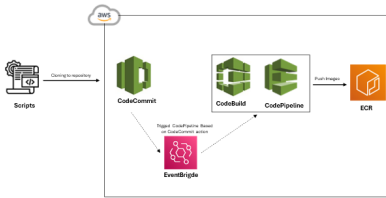
Runbook name	DeveloperIQ Microservice Solution
Runbook description	Runbook for developer's user registration, Github metrics generation and view
Owner	@Thamal Roshantha Adikari
Version	V1.0
Version date	Dec 10, 2023
On this page	 Architecture  Support contacts  Runs  Process

Architecture

Solution architecture diagram and the deployment architecture



CI/CD architecture



Support contacts

Expertise level	Team	Team lead	Contact info
Developer	@Thamal Roshantha Adikari		tthamall.123@gmail.com
Owner	@Thamal Roshantha Adikari		

Runs

Name	State	Start time	Completed time	Duration
Database Backup	SUCCESS			
API Testing	SUCCESS			
Service Health Check	SUCCESS			

Process

	Step instructions	Execution location	Run environments	Run conditions	Documentation
1	Configure AWS CLI		Local		Configure the AWS CLI - AWS Command Line Interface (amazon.com)
2	Setup eksctl		Local		
3	Setup kubectl		Local		Installing or updating kubectl - Amazon EKS
4	Create EKS cluster		AWS Configured CLI in local machine		GitHub - thamal r/developer1Q-cc: Repository for login

					g developer!Q servi ce
5	Create RDS		AWS		
6	Connect RDS to Workbench		Local		
7	Clone codes with codecommit		AWS	Create 3 separate code repositories for microservices	GitHub - thamal r/developer!Q-cc: R epository for loggin g developer!Q servi ce
8	Set up Codepipelines		AWS	Use CFT in github coderepo	GitHub - thamal r/developer!Q-cc: R epository for loggin g developer!Q servi ce
9	Deploy services		AWS Configured CLI in local machine	kubect! apply -f deployment.yaml	GitHub - thamal r/developer!Q-cc: R epository for loggin g developer!Q servi ce