AWS Cloud

any region

Amazon Route 53

AWS WAF

VPC

NAT

Generic Group

ec2 (dev) · Redis

Test environments

ec2 (uat) · Redis

subnet 1

ec2 production · Redis

subnet 2

PostgreSQL Server

Amazon S3

pipeline

- Unit testing
- integration testing

GitHub

Java SpringBoot Dockerfile

FROM maven:3.6.0-jdk-11-slim AS build

COPY src /app/src

WORKDIR /app

COPY pom.xml /app

RUN mvn clean install -DskipTests

RUN ls -lh /app/target

Package stage

FROM openjdk:11-jre-slim

WORKDIR /app

COPY --from=build /app/target/yourjarfile.jar yourjarfile.jar

EXPOSE 8080

ENTRYPOINT ["java","-jar","yourjarfile.jar"]