Sonarkube  
version: 0.2

env:

variables:

ACCOUNT\_ID: "423623849965"

REGION: "us-east-1"

REPO\_NAME: "ecommerce-ecr"

IMAGE\_TAG: "latest"

#SONAR\_PROJECT\_KEY: "capstone-project"

SONAR\_HOST\_URL: "http://34.205.76.160"

SONAR\_TOKEN: "sqp\_8aed92df03ce943bee02e05a373650103be72daa"

phases:

install:

runtime-versions:

nodejs: 18

commands:

- echo Installing Node.js dependencies...

- npm install

- echo Installing SonarScanner CLI...

- curl -sSLo sonar-scanner.zip https://binaries.sonarsource.com/Distribution/sonar-scanner-cli/sonar-scanner-cli-5.0.1.3006-linux.zip

- unzip sonar-scanner.zip

- mv sonar-scanner-\* sonar-scanner

- export PATH=$PATH:$(pwd)/sonar-scanner/bin

pre\_build:

commands:

- echo Adding SonarScanner to PATH...

- export PATH=$PATH:$(pwd)/sonar-scanner/bin

- echo Running SonarQube analysis...

- sonar-scanner -Dsonar.projectKey=$SONAR\_PROJECT\_KEY -Dsonar.sources=. -Dsonar.host.url=$SONAR\_HOST\_URL -Dsonar.login=$SONAR\_TOKEN

- echo Logging in to Amazon ECR...

- aws ecr get-login-password --region $REGION | docker login --username AWS --password-stdin ${ACCOUNT\_ID}.dkr.ecr.${REGION}.amazonaws.com

build:

commands:

- echo Building Docker image...

- docker build -t ${REPO\_NAME}:${IMAGE\_TAG} .

- docker tag ${REPO\_NAME}:${IMAGE\_TAG} ${ACCOUNT\_ID}.dkr.ecr.${REGION}.amazonaws.com/${REPO\_NAME}:${IMAGE\_TAG}

post\_build:

commands:

- set -e

- echo Pushing Docker image to Amazon ECR...

- docker push ${ACCOUNT\_ID}.dkr.ecr.${REGION}.amazonaws.com/${REPO\_NAME}:${IMAGE\_TAG}

- echo Creating final deployment files...

- mkdir -p k8s-out

- echo "--- Checking k8s directory structure ---"

- ls -l k8s

- sed "s|IMAGE\_PLACEHOLDER|${ACCOUNT\_ID}.dkr.ecr.${REGION}.amazonaws.com/${REPO\_NAME}:${IMAGE\_TAG}|g" k8s/deployment.yaml > k8s-out/deployment.yaml

- cp k8s/service.yaml k8s-out/service.yaml

- cp k8s/mongodb-deployment.yaml k8s-out/mongodb-deployment.yaml

- cp k8s/mongodb-service.yaml k8s-out/mongodb-service.yaml

- echo "--- Contents of k8s-out ---"

- ls -R k8s-out

artifacts:

base-directory: k8s-out

files:

- deployment.yaml

- service.yaml

- mongodb-deployment.yaml

- mongodb-service.yaml

