**SonarQube Setup In EKS**

**# Add Repo**

helm repo add sonarqube https://SonarSource.github.io/helm-chart-sonarqube

helm repo update

**# values.yaml**

# Service Configuration

service:

type: LoadBalancer

ports:

http: 9000

https: 9001

# SonarQube Deployment Configuration

sonarqube:

replicaCount: 1

resources:

requests:

memory: "2Gi"

cpu: "1"

limits:

memory: "4Gi"

cpu: "2"

persistence:

enabled: true

size: 10Gi

storageClass: "ebs-sc"

# Environment Variables for SonarQube

env:

- name: SONARQUBE\_JDBC\_URL

value: "jdbc:postgresql://sonarqube-postgresql:5432/sonarqube"

- name: SONARQUBE\_JDBC\_USERNAME

value: sonarqube

- name: SONARQUBE\_JDBC\_PASSWORD

value: sonarpassword

# PostgreSQL Configuration

postgresql:

enabled: true

auth:

username: sonarqube

password: sonarpassword

database: sonarqube

persistence:

enabled: true

size: 10Gi

storageClass: "ebs-sc"

resources:

requests:

memory: "1Gi"

cpu: "500m"

limits:

memory: "2Gi"

cpu: "1"

# Monitoring Passcode Configuration (Required)

monitoringPasscode: "sonar-monitoring-pass"

# Community Edition Enablement (Important)

edition: ""

community:

enabled: true

**# Deploy**

helm upgrade --install sonarqube sonarqube/sonarqube --namespace sonarqube -f values.yaml