pipeline{

agent any

tools{

jdk 'jdk17'

terraform 'terraform'

}

stages{

stage('clean Workspace'){

steps{

cleanWs()

}

}

stage('checkout from Git'){

steps{

git branch: 'main', url: 'https://github.com/574n13y/Aws/AWS Resources with Terraform, Jenkins ci-cd, and Hosting a static website in s3/Terraform-Jenkins-CICD.git'

/

.git'

}

}

stage('Terraform version'){

steps{

sh 'terraform --version'

}

}

stage("Sonarqube Analysis "){

steps{

withSonarQubeEnv('sonar-server') {

sh ''' $SCANNER\_HOME/bin/sonar-scanner -Dsonar.projectName=Terraform \

-Dsonar.projectKey=Terraform '''

}

}

}

stage("quality gate"){

steps {

script {

waitForQualityGate abortPipeline: false, credentialsId: 'Sonar-token'

}

}

}

stage('TRIVY FS SCAN') {

steps {

sh "trivy fs . > trivyfs.txt"

}

}

stage('Excutable permission to userdata'){

steps{

sh 'chmod 777 website.sh'

}

}

stage('Terraform init'){

steps{

sh 'terraform init'

}

}

stage('Terraform plan'){

steps{

sh 'terraform plan'

}

}

stage('Terraform apply'){

steps{

sh 'terraform ${action} --auto approve'

}

}

}

}