

1. Dockerfile

#STAGE 1 build Angular

FROM node:18.19.0-alpine AS builder

WORKDIR /app

COPY package.json package-lock.json ./

RUN npm install

COPY . .

RUN npm run build

#STAGE 2 deploy nginx

FROM nginx:1.23.3-alpine

COPY --from=builder /app/dist/angular/browser /usr/share/nginx/html/

2. Docker-compose.yml

services:

web:

container_name: web-container

image: web:latest

build:

context: .

dockerfile: Dockerfile

environment:

- TZ=Asia/Bangkok

ports:

- 80:80


```
    }  
  }  
}  
stage("Quality gate"){  
  steps{  
    waitForQualityGate abortPipeline: true  
  }  
}  
stage('Deploy Web'){  
  steps{  
    sh "docker compose up -d --build"  
  }  
}  
}  
post{  
  success{  
    notifyLINE("succeed")  
  }  
  failure{  
    notifyLINE("failed")  
  }  
}  
}
```

4. sonar-project.properties

sonar.projectKey=jenkins-project

sonar.sources=.

sonar.host.url=http://sonarqube:9000

#exclusions

sonar.exclusions=node_modules/**/*spec.ts