

Successfully ran on following docker files:

```
FROM lolhens/baseimage-openjre
RUN mkdir /opt/app
EXPOSE 8085
COPY target/springbootApp.jar /opt/app.jar
CMD ["java", "-jar", "/opt/app.jar"]
```

---

```
1 FROM cgdevops/openjdk17-jdk
2 EXPOSE 8085
3 COPY target/springbootApp.jar springbootApp.jar
4 CMD ["java", "-jar", "springbootApp.jar"]
```

---

```
1 FROM adoptopenjdk/openjdk11
2 EXPOSE 8085
3 COPY target/springbootApp.jar springbootApp.jar
4 CMD ["java", "-jar", "springbootApp.jar"]
```

---

Code

Blame

4 lines (4 loc) · 126 Bytes



Code 55% faster with GitHub Copilot

```
1 FROM eclipse-temurin:21
2 EXPOSE 8085
3 COPY target/springbootApp.jar springbootApp.jar
4 CMD ["java", "-jar", "springbootApp.jar"]
```

-----

## Deployment file is kept standard

```
apiVersion: apps/v1
kind: Deployment
metadata:
  name: deployment
  namespace: default
spec:
  replicas: 2
  selector:
    matchLabels:
      app: myspringbootapp
  template:
    metadata:
      labels:
        app: myspringbootapp
    spec:
      containers:
        - name: container1
          image: najamrizvi3/imageproje123578:latest
          imagePullPolicy: Always
          ports:
            - containerPort: 8085
```

---

```
apiVersion: v1
kind: Service
metadata:
  name: service
  namespace: default
spec:
  selector:
    app: myspringbootapp
  ports:
    - protocol: TCP
      port: 8085
      targetPort: 8085
  type: LoadBalancer
```

-----

Jenkins file below:

```
pipeline {
  agent any

  tools{
    maven 'maven'
  }

  stages {
    stage('Git-Checkout') {
      steps {
        git branch: 'main', url: 'https://github.com/srizvi0/Real_World_Jenkins_Proj_E.git'
      }
    }
    stage ('Maven Package'){
      steps{
        sh 'mvn clean install'
      }
    }
    stage('OWASP Dependency-Check Vulnerabilities') {
      steps {
        dependencyCheck additionalArguments: ""
          -o './'
          -s './'
          -f 'ALL'
          --prettyPrint"", odclInstallation: 'OWASP Dependency-Check Vulnerabilities'

        dependencyCheckPublisher pattern: 'dependency-check-report.xml'
      }
    }
    stage ('Docker-Build'){
      steps{
        withDockerRegistry(credentialsId: 'docker-creds', url: "") {
          sh 'docker build -t image12 .'
        }
      }
    }
    stage ('Docker-tag & Push'){
      steps{
        withDockerRegistry(credentialsId: 'docker-creds', url: "") {
          sh 'docker tag image12 najamrizvi3/imageproje123578:latest'
          sh 'docker push najamrizvi3/imageproje123578:latest'
        }
      }
    }
  }
}
```

```

    }
  }
}
stage('Install Kubectl'){
  steps{
    sh 'curl -O
https://s3.us-west-2.amazonaws.com/amazon-eks/1.26.4/2023-05-11/bin/linux/amd64/kubectl'
  }
}

stage ('Deploy'){
  steps{
    withKubeConfig(caCertificate: "", clusterName: "", contextName: "", credentialsId:
'kubeconfig-1', namespace: "", restrictKubeConfigAccess: false, serverUrl: "") {
      sh 'aws eks update-kubeconfig --name cluster6 --region us-east-2'
      sh 'kubectl get ns'
      sh 'kubectl apply -f Deployment.yml'
    }
  }
}
}
}
}

```

## Integrating OWASP Dependency-Check-Plugin

OWASP Dependency-Check Plugin 5.5.0

This plug-in can independently execute a [Dependency-Check](#) analysis and visualize results.

Dependency-Check is a utility that identifies project dependencies and checks if there are any known, publicly disclosed, vulnerabilities.

[Report an issue with this plugin](#)



Dependency-Check installations

Dependency-Check installations ^

 Edited

Add Dependency-Check

 **Dependency-Check**

Name

OWASP Dependency-Check Vulnerabilities

☒ Install automatically 

 **Install from github.com**

Version

dependency-check 9.1.0

Add Installer ▾