

```
PS C:\Users\Administrator\Documents\workspace-spring-tool-suite-4-4.4.2.RELEASE\netwatchapplication> docker build -t netwatchappvone .
[+] Building 5.3s (8/8) FINISHED
=> [internal] load build definition from Dockerfile 0.1s
=> => transferring dockerfile: 172B 0.0s
=> [internal] load .dockerignore 0.1s
=> => transferring context: 2B 0.0s
=> [internal] load metadata for docker.io/library/openjdk:17-jdk-slim 2.9s
=> [auth] library/openjdk:pull token for registry-1.docker.io 0.0s
=> [internal] load build context 1.1s
=> => transferring context: 18.58MB 1.0s
=> CACHED [1/3] FROM docker.io/library/openjdk:17-jdk-slim@sha256:aaa3b3cb27e3e520b8f116863d 0.0s
=> [2/3] ADD target/netwatchapplication-0.0.1-SNAPSHOT.jar netwatchapp.jar 0.6s
=> exporting to image 0.2s
=> => exporting layers 0.2s
=> => writing image sha256:37cb84369e208d9fda904603b3f8f8c15acd4be57e385c9a4cid6fc62e99870c 0.0s
=> => naming to docker.io/library/netwatchappvone 0.0s
```

```
C:\Users\Administrator\Documents\workspace-spring-tool-suite-4-4.4.2.RELEASE\netwatchapplication>docker run -d -p 8008:80 --name netwatch-app netwatchappvone
b308b08912cb031d57eaa4408c3c950e37c74d684e7db0e8c838e47e5ef56c05
```

☰ Only show running containers

<input type="checkbox"/>	Name	Image	Status	CPU (%)	Port(s)	Last started	Actions
<input type="checkbox"/>	 netwatch-app b308b08912cb	netwatchappvone	Running	0.29%	8008:80	2 minutes ago	■ ⋮ 🗑

Pushed the image to docker-hub

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koteshechvula2304/netwatchapp

Updated about 8 hours ago

netwatch

Tags

This repository contains 1 tag(s).

Tag	OS	Type	Pulled	Pushed
latest		Image	--	8 hours ago

[See all](#)

```

C:\Users\Administrator\Documents\workspace-spring-tool-suite-4-4.4.2.RELEASE\netwatchapplication>docker push koteshechvula2304/netwatchapp
Using default tag: latest
The push refers to repository [docker.io/koteshechvula2304/netwatchapp]
1619996ff917: Pushed
5be690267e47: Pushing [=====>] 197.7MB/322.5MB
13a34b6fff78: Pushed
9c1b6dd6c1e6: Pushed

```

In order to start the minikube in the cmd

1. minikube start

2. `kubectl create deployment deployment-name --image=image-name`

3. `kubectl expose deployment deployment-name --type=NodePort --port=80`

4. `minikube get service`

5. `minikube service deployment-name` -- this is for running the deployment

```
C:\Users\Administrator>kubectl create deployment netwatchapp --image=koteshchevula2304/netwatchapp
deployment.apps/netwatchapp created

C:\Users\Administrator>kubectl expose deployment netwatchapp --type=NodePort --port=80
service/netwatchapp exposed

C:\Users\Administrator>kubectl get service
NAME                                TYPE        CLUSTER-IP    EXTERNAL-IP  PORT(S)          AGE
expressjs-info-deployment          NodePort    10.102.45.73  <none>       80:30724/TCP     6d10h
kubernetes                         ClusterIP   10.96.0.1     <none>       443/TCP          6d10h
netwatch                           NodePort    10.111.80.115 <none>       80:32002/TCP     9m19s
netwatchapp                        NodePort    10.106.219.32 <none>       80:31053/TCP     11s

C:\Users\Administrator>minikube service netwatchapp
'minkube' is not recognized as an internal or external command,
operable program or batch file.

C:\Users\Administrator>kubectl get service
NAME                                TYPE        CLUSTER-IP    EXTERNAL-IP  PORT(S)          AGE
expressjs-info-deployment          NodePort    10.102.45.73  <none>       80:30724/TCP     6d10h
kubernetes                         ClusterIP   10.96.0.1     <none>       443/TCP          6d10h
netwatch                           NodePort    10.111.80.115 <none>       80:32002/TCP     10m
netwatchapp                        NodePort    10.106.219.32 <none>       80:31053/TCP     76s
```

```
C:\Users\Administrator>kubectl get service
NAME                                TYPE        CLUSTER-IP    EXTERNAL-IP  PORT(S)          AGE
expressjs-info-deployment          NodePort    10.102.45.73  <none>       80:30724/TCP     6d10h
kubernetes                         ClusterIP   10.96.0.1     <none>       443/TCP          6d10h
netwatch                           NodePort    10.111.80.115 <none>       80:32002/TCP     10m
netwatchapp                        NodePort    10.106.219.32 <none>       80:31053/TCP     76s

C:\Users\Administrator>minikube service netwatchapp
W0221 02:39:12.631335 3496 main.go:291] Unable to resolve the current Docker CLI context "default": context "de
fault": context not found: open C:\Users\Administrator\.docker\contexts\meta\37a8eec1ce19687d132fe29051dca629d164e
2c4958ba141d5f4133a33f0688f\meta.json: The system cannot find the path specified.
|-----|-----|-----|-----|
| NAMESPACE | NAME | TARGET PORT | URL |
|-----|-----|-----|-----|
| default | netwatchapp | 80 | http://192.168.49.2:31053 |
|-----|-----|-----|-----|
* Starting tunnel for service netwatchapp.
|-----|-----|-----|-----|
| NAMESPACE | NAME | TARGET PORT | URL |
|-----|-----|-----|-----|
| default | netwatchapp | | http://127.0.0.1:57010 |
|-----|-----|-----|-----|
* Opening service default/netwatchapp in default browser...
! Because you are using a Docker driver on windows, the terminal needs to be open to run it.
Activate Windows
Go to Settings to activate Windows.
```



The connection was reset

The connection to the server was reset while the page was loading.

- The site could be temporarily unavailable or too busy. Try again in a few moments.
- If you are unable to load any pages, check your computer's network connection.
- If your computer or network is protected by a firewall or proxy, make sure that Firefox is permitted to access the web.

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