

```
vboxuser@bubuntu:~$ sudo systemctl start startup-script.service
vboxuser@bubuntu:~$ sudo systemctl status startup-script.service
● startup-script.service - Startup script for DevOps test
   Loaded: loaded (/etc/systemd/system/startup-script.service; enabled; vendor preset: enabled)
   Active: active (running) since Fri 2025-08-01 19:45:13 EAT; 4ms ago
     Main PID: 4755 ((cript.sh))
       Tasks: 1 (limit: 4602)
      Memory: 0B
         CPU: 0
      CGroup: /system.slice/startup-script.service
              └─4755 "(cript.sh)"
```

Ago 01 19:45:13 bubuntu systemd[1]: Started Startup script for DevOps test.

```
vboxuser@bubuntu:~$
```

Processing triggers for ca-certificates (20240205~20.04.1) ...

Updating certificates in /etc/ssl/certs...

0 added, 0 removed; done.

Running hooks in /etc/ca-certificates/update.d...

done.

```
root@fef3c9330c82:/# git --version
```

```
git version 2.25.1
```

```
root@fef3c9330c82:/# nginx -v
```

```
nginx version: nginx/1.18.0 (Ubuntu)
```

```
root@fef3c9330c82:/#
```

```
vboxuser@bubuntu:~/devops-test$ docker build -t devops-nginx .
DEPRECATED: The legacy builder is deprecated and will be removed in a future release.
             Install the buildx component to build images with BuildKit:
             https://docs.docker.com/go/buildx/
```

Sending build context to Docker daemon 80.9kB

Step 1/4 : FROM nginx:stable

----> f36b8965af58

Step 2/4 : COPY index.html /usr/share/nginx/html/index.html

----> Using cache

----> 8a14a0b0151c

Step 3/4 : EXPOSE 80

----> Using cache

----> 547ceb0673fa

Step 4/4 : CMD ["nginx", "-g", "daemon off;"]

----> Using cache

----> 1f25cf6b6b1a

Successfully built 1f25cf6b6b1a

Successfully tagged devops-nginx:latest

```
vboxuser@bubuntu:~/devops-test$ docker run -d -p 8080:80 devops-nginx
```

```
907f6e31a05d628e251c71d12de9853256e6ce345ced69d7a44ef27e97768617
```

```
vboxuser@bubuntu:~/devops-test$ curl http://localhost:8080
```

```
<!DOCTYPE html>
```

```
<html>
```

```
<body>
```

```
  <h1>Hello from DevOps!</h1>
```

```
</body>
```

```
</html>
```

```
vboxuser@bubuntu:~/devops-test$
```

🎉 Done! Kubect is now configured to use minikube

```
vboxuser@bubuntu:~/devops-test$ minikube status
```

```
minikube
```

```
type: Control Plane
```

```
host: Running
```

```
kubelet: Running
```

```
apiserver: Running
```

```
kubeconfig: Configured
```

```
vboxuser@bubuntu:~/devops-test$
```

```
vboxuser@bubuntu:~/devops-test$ kubectl apply -f deployment.yaml
```

```
deployment.apps/nginx-deployment unchanged
```

```
service/nginx-service unchanged
```

```
vboxuser@bubuntu:~/devops-test$ kubectl get pods
```

NAME	READY	STATUS	RESTARTS	AGE
nginx-deployment-5654587fb9-vzq4k	1/1	Running	1 (9m55s ago)	26m

```
vboxuser@bubuntu:~/devops-test$
```

```
vboxuser@bubuntu:~/devops-test$ minikube service nginx-service --url
```

```
🐱 service default/nginx-service has no node port
```

```
⚠ Services [default/nginx-service] have type "ClusterIP" not meant to be exposed, however for local development minikube allows you to access this !
```

```
vboxuser@bubuntu:~/devops-test$
```