

: 'Execute estes comandos para preparar o nginx e o jenkins'

```
docker run \
--rm \
-d \
-p 80:80 \
--name nginx \
nginx:latest
```

```
docker network create --attachable --gateway 172.20.0.1 --subnet 172.20.0.0/24 networklanches
docker network connect networklanches nginx
```

: 'Substitua o arquivo nginx.conf do container pelo presente na raiz do projeto'

```
docker cp /pasta/referente/ao/arquivo/nginx.conf nginx:/etc/nginx/nginx.conf
docker exec nginx nginx -s reload
```

```
docker run \
-u root \
--rm \
-d \
-p 8080:8080 \
-v jenkins-data:/var/jenkins_home \
-v /var/run/docker.sock:/var/run/docker.sock \
--name jenkins \
jenkinsci/blueocean
```

```
sudo usermod -a -G docker jenkins
```

: 'Configure o jenkins e crie um usuário. Utilize o Jenkinsfile para configurar o projeto'

: 'Os contêineres e a rede deverão estar estruturados da seguinte maneira após o jenkins gerar e rodar a imagem docker'

192.168.0.47 - PuTTY

```
leogg@leogg:~/Desktop$ docker ps
CONTAINER ID   IMAGE                                COMMAND                  CREATED        STATUS        PORTS                                NAMES
1d3fcc525681   leoggoes/startuplanches:latest     "/usr/bin/java -jar ..." 16 minutes ago Up 16 minutes 8095/tcp                            startuplanches
1b835b9348fa   nginx:latest                       "nginx -g 'daemon of..." 17 minutes ago Up 17 minutes 0.0.0.0:80->80/tcp                 nginx
0f68a779be45   jenkinsci/blueocean               "/sbin/tini -- /usr/_..." 20 minutes ago Up 20 minutes 0.0.0.0:8080->8080/tcp, 50000/tcp   jenkins
```

```
leogg@leogg:~/Desktop$ docker network inspect networklanches
[
  {
    "Name": "networklanches",
    "Id": "6e8ec7aafb0c364c6b89c57b6514e6d4502bcad0f09340cc18ff48d6ac4d007b",
    "Created": "2019-05-11T17:40:46.908195266-03:00",
    "Scope": "local",
    "Driver": "bridge",
    "EnableIPv6": false,
    "IPAM": {
      "Driver": "default",
      "Options": {},
      "Config": [
        {
          "Subnet": "172.20.0.0/24",
          "Gateway": "172.20.0.1"
        }
      ]
    },
    "Internal": false,
    "Attachable": true,
    "Ingress": false,
    "ConfigFrom": {
      "Network": ""
    },
    "ConfigOnly": false,
    "Containers": {
      "1b835b9348faa07106271f821e93200401c6961dca107bac6a4c1551alf97cf5": {
        "Name": "nginx",
        "EndpointID": "4b6f7ddf7550f5d238bee53f1c6650e69b12f07efeb15678386bc966a923f3a56",
        "MacAddress": "02:42:ac:14:00:02",
        "IPv4Address": "172.20.0.2/24",
        "IPv6Address": ""
      },
      "1d3fcc5256810164a42e104f342cb1c3cle6bf8a21f33689a787a52949288a2a": {
        "Name": "startuplanches",
        "EndpointID": "87d253ba7f23cia01871f452ca8bac1c85e250deed6a44edc03c8fec13f5a49",
        "MacAddress": "02:42:ac:14:00:02",
        "IPv4Address": "172.20.0.100/24",
        "IPv6Address": ""
      }
    },
    "Options": {},
    "Labels": {}
  }
]
```