

```
Adding debian:GlobalSign_Root_E46.pem
Adding debian:Secure_Global_CA.pem
Adding debian:emSign_Root_CA_-_C1.pem
Adding debian:Certigna_Root_CA.pem
Adding debian:Certum_EC-384_CA.pem
Adding debian:Entrust.net_Premium_2048_Secure_Server_CA.pem
Adding debian:USERTrust_RSA_Certification_Authority.pem
Adding debian:QuoVadis_Root_CA_1_G3.pem
Adding debian:certSIGN_ROOT_CA.pem
Adding debian:NAVER_Global_Root_Certification_Authority.pem
done.
Processing triggers for libglib2.0-0:amd64 (2.72.4-0ubuntu1) ...
Processing triggers for libc-bin (2.35-0ubuntu3.1) ...
Processing triggers for man-db (2.10.2-1) ...
Processing triggers for ca-certificates (20211016ubuntu0.22.04.1) ...
Updating certificates in /etc/ssl/certs...
0 added, 0 removed; done.
Running hooks in /etc/ca-certificates/update.d...
done.
done.
Setting up at-spi2-core (2.44.0-3) ...
Scanning processes...
Scanning linux images...

Running kernel seems to be up-to-date.

No services need to be restarted.

No containers need to be restarted.

No user sessions are running outdated binaries.

No VM guests are running outdated hypervisor (qemu) binaries on this host.
```

```
fatal: Authentication failed for 'https://github.com/kalivij/capstone.git/'
buntu@ip-172-31-93-67:~/test1/reactjs-demo$ git remote add origin https://github.com/kalivij/capstone.git
error: remote origin already exists.
buntu@ip-172-31-93-67:~/test1/reactjs-demo$ git remote add my-capstone https://github.com/kalivij/capstone.git
buntu@ip-172-31-93-67:~/test1/reactjs-demo$ git remote set-url my-capstone https://github.com/kalivij/capstone.git
buntu@ip-172-31-93-67:~/test1/reactjs-demo$ git status
On branch master
Your branch is up to date with 'origin/master'.

Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   .gitignore

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        .dockerignore
        Dockerfile
        build.sh
        deploy.sh
        docker-compose
        nginx.conf

No changes added to commit (use "git add" and/or "git commit -a")
buntu@ip-172-31-93-67:~/test1/reactjs-demo$ git add .
buntu@ip-172-31-93-67:~/test1/reactjs-demo$ git status
On branch master
Your branch is up to date with 'origin/master'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   .dockerignore
        modified:   .gitignore
        new file:   Dockerfile
        new file:   build.sh
```

```
remote: Support for password authentication was removed on August 13, 2021.
remote: Please see https://docs.github.com/en/get-started/getting-started-with-git/about-remote-repositories#cloning-with-https-urls for information on currently recommended modes of authentication.
fatal: Authentication failed for 'https://github.com/kalivij/capstone.git/'
ubuntu@ip-172-31-93-67:~/test1/reactjs-demo$ git push my-capstone master
Username for 'https://github.com': kalivij
Password for 'https://kalivij@github.com':
Enumerating objects: 49, done.
Counting objects: 100% (49/49), done.
Compressing objects: 100% (36/36), done.
Writing objects: 100% (49/49), 177.97 KiB | 59.32 MiB/s, done.
Total 49 (delta 13), reused 39 (delta 11), pack-reused 0
remote: Resolving deltas: 100% (13/13), done.
remote:
remote: Create a pull request for 'master' on GitHub by visiting:
remote:   https://github.com/kalivij/capstone/pull/new/master
remote:
To https://github.com/kalivij/capstone.git
```

```
Get:3 https://pkg.jenkins.io/debian-stable binary/ Release [2044 B]
Get:6 https://pkg.jenkins.io/debian-stable binary/ Release.gpg [833 B]
Hit:7 http://security.ubuntu.com/ubuntu jammy-security InRelease
Get:8 https://pkg.jenkins.io/debian-stable binary/ Packages [24.8 kB]
Fetched 27.7 kB in 1s (38.1 kB/s)
Reading package lists... Done
ubuntu@ip-172-31-93-67:~$ sudo apt-get install jenkins
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  net-tools
The following NEW packages will be installed:
  jenkins net-tools
0 upgraded, 2 newly installed, 0 to remove and 46 not upgraded.
Need to get 98.1 MB of archives.
After this operation, 99.3 MB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 net-tools amd64 1.60+git20181103.0eebece-1ubuntu5 [204 kB]
Get:2 https://pkg.jenkins.io/debian-stable binary/ jenkins 2.387.3 [97.9 MB]
Fetched 98.1 MB in 8s (12.9 MB/s)
Selecting previously unselected package net-tools.
(Reading database ... 65254 files and directories currently installed.)
Preparing to unpack .../net-tools_1.60+git20181103.0eebece-1ubuntu5_amd64.deb ...
Unpacking net-tools (1.60+git20181103.0eebece-1ubuntu5) ...
Selecting previously unselected package jenkins.
Preparing to unpack .../jenkins_2.387.3_all.deb ...
Unpacking jenkins (2.387.3) ...
Setting up net-tools (1.60+git20181103.0eebece-1ubuntu5) ...
Setting up jenkins (2.387.3) ...
Created symlink /etc/systemd/system/multi-user.target.wants/jenkins.service → /lib/systemd/system/jenkins.service.
Processing triggers for man-db (2.10.2-1) ...
Scanning processes...
Scanning linux images...
```



```
Unpacking docker-compose (1.29.2-1) ...
Selecting previously unselected package docker.io.
Preparing to unpack .../13-docker.io_20.10.21-0ubuntu1~22.04.3_amd64.deb ...
Unpacking docker.io (20.10.21-0ubuntu1~22.04.3) ...
Selecting previously unselected package ubuntu-fan.
Preparing to unpack .../14-ubuntu-fan_0.12.16_all.deb ...
Unpacking ubuntu-fan (0.12.16) ...
Setting up python3-dotenv (0.19.2-1) ...
Setting up python3-texttable (1.6.4-1) ...
Setting up python3-docopt (0.6.2-4) ...
Setting up dnsmasq-base (2.86-1.1ubuntu0.3) ...
Setting up runc (1.1.4-0ubuntu1~22.04.3) ...
Setting up dns-root-data (2021011101) ...
Setting up bridge-utils (1.7-1ubuntu3) ...
Setting up pigz (2.6-1) ...
Setting up containerd (1.6.12-0ubuntu1~22.04.1) ...
Created symlink /etc/systemd/system/multi-user.target.wants/containerd.service → /lib/systemd/system/containerd.service.
Setting up python3-websocket (1.2.3-1) ...
Setting up python3-dockerpty (0.4.1-2) ...
Setting up ubuntu-fan (0.12.16) ...
Created symlink /etc/systemd/system/multi-user.target.wants/ubuntu-fan.service → /lib/systemd/system/ubuntu-fan.service.
Setting up python3-docker (5.0.3-1) ...
Setting up docker.io (20.10.21-0ubuntu1~22.04.3) ...
Adding group `docker' (GID 123) ...
Done.
Created symlink /etc/systemd/system/multi-user.target.wants/docker.service → /lib/systemd/system/docker.service.
Created symlink /etc/systemd/system/sockets.target.wants/docker.socket → /lib/systemd/system/docker.socket.
Setting up docker-compose (1.29.2-1) ...
Processing triggers for dbus (1.12.20-2ubuntu4.1) ...
Processing triggers for man-db (2.10.2-1) ...
Scanning processes...
Scanning linux images...

Running kernel seems to be up-to-date.
```

```
Get:2 http://deb.debian.org/debian security bullseye-security InRelease [48.4 kB]
Get:3 http://deb.debian.org/debian bullseye-updates InRelease [44.1 kB]
Get:4 http://deb.debian.org/debian bullseye/main amd64 Packages [8183 kB]
Get:5 http://deb.debian.org/debian-security bullseye-security/main amd64 Packages [240 kB]
Get:6 http://deb.debian.org/debian bullseye-updates/main amd64 Packages [14.6 kB]
Fetched 8646 kB in 2s (5192 kB/s)
Reading package lists...
Reading package lists...
Building dependency tree...
Reading state information...

The following additional packages will be installed:
  geoip-database iproute2 libatm1 libbpf0 libcap2 libcap2-bin libgd3 libgeoip1
  libmnl0 libnginx-mod-http-geoip libnginx-mod-http-image-filter
  libnginx-mod-http-xslt-filter libnginx-mod-mail libnginx-mod-stream
  libnginx-mod-stream-geoip libpam-cap libxpm4 libxtables12 nginx-common
  nginx-core
Suggested packages:
  iproute2-doc libgd-tools geoip-bin fcgiwrap nginx-doc ssl-cert
The following NEW packages will be installed:
  geoip-database iproute2 libatm1 libbpf0 libcap2 libcap2-bin libgd3 libgeoip1
  libmnl0 libnginx-mod-http-geoip libnginx-mod-http-image-filter
  libnginx-mod-http-xslt-filter libnginx-mod-mail libnginx-mod-stream
  libnginx-mod-stream-geoip libpam-cap libxpm4 libxtables12 nginx nginx-common
  nginx-core
0 upgraded, 21 newly installed, 0 to remove and 3 not upgraded.
Need to get 5957 kB of archives.
After this operation, 17.7 MB of additional disk space will be used.
Get:1 http://deb.debian.org/debian bullseye/main amd64 libbpf0 amd64 1:0.3-2 [98.3 kB]
Get:2 http://deb.debian.org/debian bullseye/main amd64 libcap2 amd64 1:2.44-1 [23.6 kB]
Get:3 http://deb.debian.org/debian bullseye/main amd64 libmnl0 amd64 1.0.4-3 [12.5 kB]
Get:4 http://deb.debian.org/debian bullseye/main amd64 libxtables12 amd64 1.8.7-1 [45.1 kB]
Get:5 http://deb.debian.org/debian bullseye/main amd64 libcap2-bin amd64 1:2.44-1 [32.6 kB]
Get:6 http://deb.debian.org/debian bullseye/main amd64 iproute2 amd64 5.10.0-4 [930 kB]
Get:7 http://deb.debian.org/debian bullseye/main amd64 geoip-database all 20191224-3 [3032 kB]
Get:8 http://deb.debian.org/debian bullseye/main amd64 libatm1 amd64 1:2.5.1-4 [71.3 kB]
```

```
Setting up libnginx-mod-http-geoip (1.18.0-6.1+deb11u3) ...
Setting up nginx-core (1.18.0-6.1+deb11u3) ...
invoke-rc.d: could not determine current runlevel
invoke-rc.d: policy-rc.d denied execution of start.
Setting up nginx (1.18.0-6.1+deb11u3) ...
Processing triggers for libc-bin (2.31-13+deb11u6) ...
Removing intermediate container e317b1c38d0c
```

```
---> 056b4a7e129f
Step 3/13 : RUN rm /etc/nginx/sites-enabled/default
---> Running in 0c0aac83f6d4
```

```
Removing intermediate container 0c0aac83f6d4
---> b2e4ec25f2e9
```

```
Step 4/13 : COPY nginx.conf /etc/nginx/sites-enabled/
---> 8698fab5e9b6
```

```
Step 5/13 : WORKDIR /usr/src/app
---> Running in cbe594c4d136
```

```
Removing intermediate container cbe594c4d136
---> 5311c794a6ad
```

```
Step 6/13 : ENV NODE_OPTIONS="--openssl-legacy-provider"
---> Running in 699a0c192eac
```

```
Removing intermediate container 699a0c192eac
---> 711e7fb75165
```

```
Step 7/13 : COPY package*.json ./
---> b1930f88c2cc
```

```
Step 8/13 : RUN npm install
---> Running in aabd3ec4f81f
```

```
npm WARN old lockfile
npm WARN old lockfile The package-lock.json file was created with an old version of npm,
npm WARN old lockfile so supplemental metadata must be fetched from the registry.
npm WARN old lockfile
npm WARN old lockfile This is a one-time fix-up, please be patient...
npm WARN old lockfile
```

```
npm WARN deprecated w3c-hr-time@1.0.2: Use your platform's native performance.now() and performance.timeOrigin.
```

```
npm WARN deprecated uuid@3.4.0: Please upgrade to version 7 or higher. Older versions may use Math.random() in certain circumstances, which is known to be problem
See https://v8.dev/blog/math-random for details.
```


added 1645 packages, and audited 1646 packages in 2m

64 packages are looking for funding

run `npm fund` for details

78 vulnerabilities (1 low, 26 moderate, 38 high, 13 critical)

To address issues that do not require attention, run:

npm audit fix

To address all issues (including breaking changes), run:

npm audit fix --force

Run `npm audit` for details.

npm notice

npm notice New patch version of npm available! 9.6.6 -> 9.6.7

npm notice Changelog: <<https://github.com/npm/cli/releases/tag/v9.6.7>>

npm notice Run `npm install -g npm@9.6.7` to update!

npm notice

Removing intermediate container aabd3ec4f81f

---> 7d18b710722a

Step 9/13 : COPY . .

---> b827d219aa78

Step 10/13 : RUN npm run build

---> Running in 62e436bf7373

> react-front-end@0.1.0 build

> react-scripts build

No VM guests are running outdated hypervisor (qemu) binaries on this host.

```
ubuntu@ip-172-31-93-67:~$ mkdir test1
```

```
ubuntu@ip-172-31-93-67:~$ ls
```

```
test1
```

```
ubuntu@ip-172-31-93-67:~$ cd test1
```

```
ubuntu@ip-172-31-93-67:~/test1$ touch Dockerfile
```

```
ubuntu@ip-172-31-93-67:~/test1$ vi Dockerfile
```

```
ubuntu@ip-172-31-93-67:~/test1$ vi nginx.conf
```

```
ubuntu@ip-172-31-93-67:~/test1$ docker build -t demoimg .
```

```
Got permission denied while trying to connect to the Docker daemon socket at unix:///var/run/docker.sock: Post "http://%2Fvar%2Frun%2Fdocker.sock/v1.24/build?buildargs=%7B%7D&cachefrom=%5B%5D&cgroupparent=&cpuperiod=0&cpuquota=0&cpusetcpus=&cpusetmems=&cpushares=0&dockerfile=Dockerfile&labels=%7B%7D&memory=0&memswap=0&networkmode=default&rm=1&shmsize=0&t=demoimg&target=&ulimits=null&version=1": dial unix /var/run/docker.sock: connect: permission denied
```

```
ubuntu@ip-172-31-93-67:~/test1$ sudo apt install git
```

```
Reading package lists... Done
```

```
Building dependency tree... Done
```

```
Reading state information... Done
```

```
Suggested packages:
```

```
git-daemon-run | git-daemon-sysvinit git-doc git-email git-gui gitk gitweb git-cvs git-mediawiki git-svn
```

```
The following packages will be upgraded:
```

```
git
```

```
1 upgraded, 0 newly installed, 0 to remove and 45 not upgraded.
```

```
Need to get 3166 kB of archives.
```

```
After this operation, 123 kB of additional disk space will be used.
```

```
Get:1 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 git amd64 1:2.34.1-1ubuntu1.9 [3166 kB]
```

```
Fetch:3166 kB in 0s (31.0 MB/s)
```

```
(Reading database ... 65932 files and directories currently installed.)
```

```
Preparing to unpack .../git_1%3a2.34.1-1ubuntu1.9_amd64.deb ...
```

```
Unpacking git (1:2.34.1-1ubuntu1.9) over (1:2.34.1-1ubuntu1.8) ...
```

```
Setting up git (1:2.34.1-1ubuntu1.9) ...
```

```
Scanning processes...
```

```
Scanning linux images...
```



project was built assuming it is hosted at /.
You can control this with the homepage field in your package.json.

The build folder is ready to be deployed.
You may serve it with a static server:

```
npm install -g serve
serve -s build
```

Find out more about deployment here:

bit.ly/CRA-deploy

Removing intermediate container 62e436bf7373

---> a9eadeaa346e

Step 11/13 : RUN echo "server {\n\tlisten 80;\n\troot /usr/src/app/build;\n\tindex index.html;\n\tserver_name localhost;\n}" > /etc/nginx/sites-enabled/default

---> Running in ba1404d52394

Removing intermediate container ba1404d52394

---> c43857f5927c

Step 12/13 : EXPOSE 80

---> Running in ad4036744c79

Removing intermediate container ad4036744c79

---> c088ae7b764f

Step 13/13 : CMD ["nginx", "-g", "daemon off;"]

---> Running in d8f1da377133

Removing intermediate container d8f1da377133

---> 317d7e1e2e22

Successfully built 317d7e1e2e22

Successfully tagged demo-img:latest

ubuntu@ip-172-31-93-67:~/test1/reactjs-demo\$ docker images

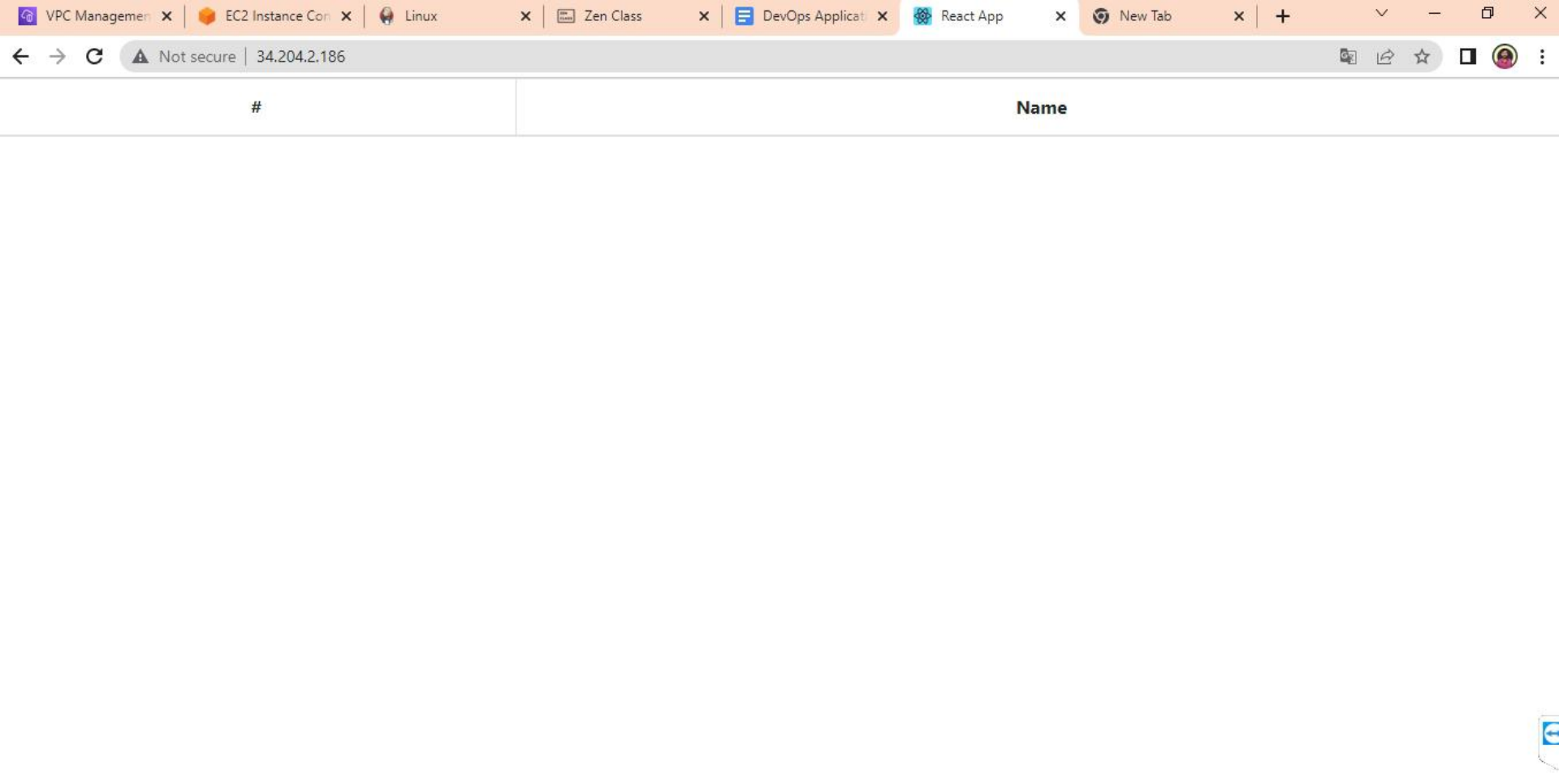
Got permission denied while trying to connect to the Docker daemon socket at unix:///var/run/docker.sock: Get "http://%2Fvar%2Frun%2Fdocker.sock/v1.24/images/json": dial unix /var/run/docker.sock: connect: permission denied

ubuntu@ip-172-31-93-67:~/test1/reactjs-demo\$ sudo docker images

REPOSITORY TAG IMAGE ID CREATED SIZE

demo-img	latest	317d7e1e2e22	2 minutes ago	1.34GB
----------	--------	--------------	---------------	--------

```
ubuntu@ip-172-31-93-67:~/test1/reactjs-demo$ sudo docker run -p 80:80 --name myljsapp demo img
Cubuntu@ip-172-31-93-67:~/test1/reactjs-demo$ sudo docker run -p 80:80 --name myljsapp demo img
ubuntu@ip-172-31-93-67:~/test1/reactjs-demo$ chmod 777 /var/run/docker.sock
chmod: changing permissions of '/var/run/docker.sock': Operation not permitted
ubuntu@ip-172-31-93-67:~/test1/reactjs-demo$ sudo chmod 777 /var/run/docker.sock
ubuntu@ip-172-31-93-67:~/test1/reactjs-demo$ docker ps
CONTAINER ID   IMAGE          COMMAND                  CREATED        STATUS        PORTS          NAMES
ubuntu@ip-172-31-93-67:~/test1/reactjs-demo$ vi build.sh
ubuntu@ip-172-31-93-67:~/test1/reactjs-demo$ mv build.sh build.sh
ubuntu@ip-172-31-93-67:~/test1/reactjs-demo$ ls
Dockerfile  README.md  build.sh  nginx.conf  package-lock.json  package.json  public  src
ubuntu@ip-172-31-93-67:~/test1/reactjs-demo$ cat build.sh
docker images
read -p "image version: " option
docker build -t reactapp:$option .
docker rmi -f reactapp:latest
docker build -t reactapp:latest .
docker images
ubuntu@ip-172-31-93-67:~/test1/reactjs-demo$ vi build.sh
ubuntu@ip-172-31-93-67:~/test1/reactjs-demo$ vi deploy.sh
ubuntu@ip-172-31-93-67:~/test1/reactjs-demo$ vi docker-compose
ubuntu@ip-172-31-93-67:~/test1/reactjs-demo$ cat docker-compose
version: '3.9'
services:
  reactapp:
    image: reactapp:latest
    container_name: reactapp
    restart: always
    ports:
      - "81:80"
ubuntu@ip-172-31-93-67:~/test1/reactjs-demo$ ls
Dockerfile  README.md  build.sh  deploy.sh  docker-compose  nginx.conf  package-lock.json  package.json  public  src
ubuntu@ip-172-31-93-67:~/test1/reactjs-demo$ vi .gitignore
ubuntu@ip-172-31-93-67:~/test1/reactjs-demo$ vi .dockerignore
ubuntu@ip-172-31-93-67:~/test1/reactjs-demo$ ls
```



done.

```
Processing triggers for libc-bin (2.35-0ubuntu3.1) ...
```

Processing triggers for libadk-pixbuf-

Scanning linux images

Running kernel seems to

```
ubuntu@ip-172-31-85-168:~$ java -version
```

```
OpenJDK Runtime Environment (build 1.8.0_102)
```

```
ubuntu@ip-172-31-85-168:~$ sudo systemctl start jenkins
```

```
ubuntu@ip-172-31-85-168:~$ wget -q -O -
```

[CloudShell](#) [Feedback](#) [Language](#)

```
Setting up dns-root-data (2021011101) ...
Setting up bridge-utils (1.7-1ubuntu3) ...
Setting up pigz (2.6-1) ...
Setting up containerd (1.6.12-0ubuntu1~22.04.1) ...
Created symlink /etc/systemd/system/multi-user.target.wants/containerd.service → /lib/systemd/system/containerd.service.
Setting up ubuntu-fan (0.12.16) ...
Created symlink /etc/systemd/system/multi-user.target.wants/ubuntu-fan.service → /lib/systemd/system/ubuntu-fan.service.
Setting up docker.io (20.10.21-0ubuntu1~22.04.2) ...
Adding group `docker' (GID 122) ...
Done.
Created symlink /etc/systemd/system/multi-user.target.wants/docker.service → /lib/systemd/system/docker.service.
Created symlink /etc/systemd/system/sockets.target.wants/docker.socket → /lib/systemd/system/docker.socket.
Processing triggers for dbus (1.12.20-2ubuntu4.1) ...
Processing triggers for man-db (2.10.2-1) ...
Scanning processes...
Scanning linux images...

Running kernel seems to be up-to-date.

No services need to be restarted.

No containers need to be restarted.

No user sessions are running outdated binaries.

No VM guests are running outdated hypervisor (qemu) binaries on this host.
ubuntu@ip-172-31-19-87:~$
```

```
ubuntu@ip-172-31-19-87:~$ vi docker-compose.yml
ubuntu@ip-172-31-19-87:~$ docker-compose up -d
ERROR: The Compose file './docker-compose.yml' is invalid because:
version contains an invalid type, it should be a string
ubuntu@ip-172-31-19-87:~$ vi docker-compose.yml
ubuntu@ip-172-31-19-87:~$ docker-compose up -d
Creating network "ubuntu default" with the default driver
Pulling jenkins (jenkins/jenkins:lts)...
lts: Pulling from jenkins/jenkins
3e440a704568: Pull complete
4e7ee60831ad: Pull complete
897b6f913479: Pull complete
e1b841305de5: Pull complete
fbee122125d37: Pull complete
c2f8d7079cd5: Pull complete
0670d11b904a: Pull complete
688bd7a7b8f9: Pull complete
d81b0ac1dd8f: Pull complete
aa4d217f8f45: Pull complete
328c85129d49: Pull complete
df967cd9dca8: Pull complete
159cf70711c2: Pull complete
Digest: sha256:aacbb5797dd210cc048038d9d3e5ab5795ea018fad843ffc1888c547911819ce
Status: Downloaded newer image for jenkins/jenkins:lts
Creating jenkins ... done
ubuntu@ip-172-31-19-87:~$
```



```
# Copy a custom Nginx configuration file for react app
COPY nginx.conf /etc/nginx/sites-enabled/

# Create app directory and set as a working directory
WORKDIR /usr/src/app

# Set NODE_OPTIONS environment variable
ENV NODE_OPTIONS="--openssl-legacy-provider"

# Install react app dependencies
COPY package*.json ./
RUN npm install

# Copy and Bundle react app source code
COPY . .

# Build the react app
RUN npm run build

# Make the Nginx aware of the new build
RUN echo "server {\n\tlisten 80;\n\troot /usr/src/app/build;\n\tindex index.html;\n\tserver_name localhost;\n}" > /etc/nginx/sites-enabled/default

# Expose port 80
EXPOSE 80

# Start Nginx and the react app when the container starts
CMD ["nginx", "-g", "daemon off;"]
```

36,34 Bot

i-0cdcb2354056850f6 (vm1)
PublicIPs: 34.204.2.186 PrivateIPs: 172.31.93.67

```
ubuntu@ip-172-31-93-67:~/test1$ mv /test1/Dockerfile /test1/reactjs-demo/
mv: cannot stat '/test1/Dockerfile': No such file or directory
ubuntu@ip-172-31-93-67:~/test1$ ls
Dockerfile  nginx.conf  reactjs-demo
ubuntu@ip-172-31-93-67:~/test1$ ped
Command 'ped' not found, but there are 16 similar ones.
ubuntu@ip-172-31-93-67:~/test1$ pwd
/home/ubuntu/test1
ubuntu@ip-172-31-93-67:~/test1$ mv /home/ubuntu/test1/Dockerfile /home/ubuntu/test1/reactjs-demo/
ubuntu@ip-172-31-93-67:~/test1$ mv /home/ubuntu/test1/nginx.conf /home/ubuntu/test1/reactjs-demo/
ubuntu@ip-172-31-93-67:~/test1$ ls
reactjs-demo
ubuntu@ip-172-31-93-67:~/test1$ cd reactjs-demo/
ubuntu@ip-172-31-93-67:~/test1/reactjs-demo$ ls
Dockerfile  README.md  nginx.conf  package-lock.json  package.json  public  src
ubuntu@ip-172-31-93-67:~/test1/reactjs-demo$ sudo docker build -t demo-img .
Sending build context to Docker daemon  875kB
Step 1/13 : FROM node:latest
latest: Pulling from library/node
918547b94326: Pull complete
5d79063a01c5: Pull complete
4eadd9c5abf7: Pull complete
9cdadd40055f: Extracting [=====> ] 195.5MB/196.8MB
b58a51cba8a5: Download complete
67e7a25ed15a: Download complete
eff2bc16bac7: Download complete
39b10a87a267: Download complete
```

i-0cdcb2354056850f6 (vm1)
PublicIPs: 34.204.2.186 PrivateIPs: 172.31.93.67

```

WARNING: Please consider reporting this to the maintainers of org.codehaus.groovy.vmplugin.v7.Java7$1
WARNING: Use --illegal-access=warn to enable warnings of further illegal reflective access operations
WARNING: All illegal access operations will be denied in a future release
2023-04-27 05:54:35.850+0000 [id=28] INFO jenkins.install.SetupWizard#init:

*****
*****
*****

Jenkins initial setup is required. An admin user has been created and a password generated.
Please use the following password to proceed to installation:

36df763f97404966a44190573825e9ad

This may also be found at: /var/jenkins_home/secrets/initialAdminPassword

*****
*****
*****

2023-04-27 05:55:09.695+0000 [id=29] INFO jenkins.InitReactorRunner$1#onAttained: Completed initialization
2023-04-27 05:55:09.730+0000 [id=22] INFO hudson.lifecycle.Lifecycle#onReady: Jenkins is fully up and running
2023-04-27 05:55:09.834+0000 [id=42] INFO h.m.DownloadService$Downloadable#load: Obtained the updated data file for hudson.tasks.Maven.MavenIns
taller
2023-04-27 05:55:09.834+0000 [id=42] INFO hudson.util.Retrier#start: Performed the action check updates server successfully at the attempt #1
2023-04-27 06:02:10.706+0000 [id=24] INFO winstone.Logger#logInternal: JVM is terminating. Shutting down Jetty
ubuntu@ip-172-31-19-87:~$

```

```
Step 7/13 : COPY package".json ./
failed to process "package\".json": unexpected end of statement while looking for matching double-quote
ubuntu@ip-172-31-81-204:~/reactjs-demo$ vi dockerfile
ubuntu@ip-172-31-81-204:~/reactjs-demo$ docker build -t image:v1 .
Sending build context to Docker daemon 874kB
Step 1/13 : FROM node:latest
--> acd15857ce39
Step 2/13 : RUN apt-get update && apt-get install -y nginx
--> Using cache
--> 30e9ccc9028e
Step 3/13 : RUN rm /etc/nginx/sites-enabled/default
--> Using cache
--> 132dbd594e53
Step 4/13 : COPY nginx.conf /etc/nginx/sites-enabled/
--> Using cache
--> 39ad4bcf4c52
Step 5/13 : WORKDIR /usr/src/app
--> Using cache
--> 1f72f4af70b3
Step 6/13 : ENV NODE_OPTIONS="--openssl-legacy-provider"
--> Using cache
--> dbb01a4fe402
Step 7/13 : COPY package'.json ./
failed to process "package'.json": unexpected end of statement while looking for matching single-quote
ubuntu@ip-172-31-81-204:~/reactjs-demo$ vi dockerfile
ubuntu@ip-172-31-81-204:~/reactjs-demo$ vi dockerfile
ubuntu@ip-172-31-81-204:~/reactjs-demo$ docker
```


The build folder is ready to be deployed.
You may serve it with a static server:

```
npm install -g serve
serve -s build
```

Find out more about deployment [here](#):

bit.ly/CRA-deploy

```
Removing intermediate container 62ea436bf7373
--> a9eadeaa346e
Step 11/13 : RUN echo "server {\n\tlisten 80;\n\troot /usr/src/app/build;\n\tindex index.html;\n\tserver_name localhost;\n}" > /etc/nginx/sites-enabled/default
--> Running in bal404d52394
Removing intermediate container bal404d52394
--> c43857f5927c
Step 12/13 : EXPOSE 80
--> Running in ad4036744c79
Removing intermediate container ad4036744c79
--> c088ae7b764f
Step 13/13 : CMD ["nginx", "-g", "daemon off;"]
--> Running in d8f1da377133
Removing intermediate container d8f1da377133
--> 317d7e1e2e22
Successfully built 317d7e1e2e22
Successfully tagged demo-img:latest
ubuntu@ip-172-31-93-67:~/test1/reactjs-demo$
```

PublicIPs: 34.204.2.186 PrivateIPs: 172.31.93.67

Getting Started

Customize Jenkins

Plugins extend Jenkins with additional features to support many different needs.

Install suggested plugins

Install plugins the Jenkins community finds most useful.

Select plugins to install

Select and install plugins most suitable for your needs.

Jenkins 2.387.3

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Adding debian:AC_RAIZ_FNMT-RCM_SERVIDORES_SEGUROS.pem

Adding debian:GlobalSign_Root_E46.pem

Adding debian:Secure_Global_CA.pem

Adding debian:emSign_Root_CA_-_C1.pem

Adding debian:Certigna_Root_CA.pem

Adding debian:Certum_EC-384_CA.pem

Adding debian:Entrust.net_Premium_2048_Secure_Server_CA.pem

Adding debian:USERTrust_RSA_Certification_Authority.pem

Adding debian:QuoVadis_Root_CA_1_G3.pem

Adding debian:certSIGN_ROOT_CA.pem

Adding debian:NAVER_Global_Root_Certification_Authority.pem

done.

Processing triggers for libglib2.0-0:amd64 (2.72.4-0ubuntu1) ...

Processing triggers for libc-bin (2.35-0ubuntu3.1) ...

Processing triggers for man-db (2.10.2-1) ...

Processing triggers for ca-certificates (20211016ubuntu0.22.04.1) ...

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

0 added, 0 removed; done.

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

done.

done.

Setting up at-spi2-core (2.44.0-3) ...

Scanning processes...

Scanning linux images...

Running kernel seems to be up-to-date.

No services need to be restarted.

No containers need to be restarted.

No user sessions are running outdated binaries.

No VM guests are running outdated hypervisor (qemu) binaries on this host.

CloudShell Feedback Language

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