```
@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@
@           WARNING: UNPROTECTED PRIVATE KEY FILE!          @
@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@
Permissions 0644 for '280225.pem' are too open.
It is required that your private key files are NOT accessible by others.
This private key will be ignored.
Load key "280225.pem": bad permissions
ec2-user@ec2-3-111-245-5.ap-south-1.compute.amazonaws.com: Permission denied (pu
blickey,gssapi-keyex,gssapi-with-mic).
vignesh@macbookpro Downloads % chmod 400 280225.pem

[vignesh@macbookpro Downloads % ssh -i "280225.pem" ec2-user@ec2-3-111-245-5.ap-s]
outh-1.compute.amazonaws.com
     ,        #_
   ~\_  ####_          Amazon Linux 2023
  ~~  \_#####\
  ~~     \###|
  ~~       \#/ ___    https://aws.amazon.com/linux/amazon-linux-2023
   ~~       V~' '->
    ~~~         /
     ~~._.   _/
        _/ _/
      _/m/'
[ec2-user@ip-172-31-43-152 ~]$ s
```

```
wishing.jpg
zulu15.29.15-ca-jdk15.0.2-macosx_aarch64.dmg
[vignesh@macbookpro Downloads % ssh -i "280225.pem" ec2-user@ec2-3-111-245-5.ap-south-1.compute.ama]
zonaws.com
@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@
@           WARNING: UNPROTECTED PRIVATE KEY FILE!          @
@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@
Permissions 0644 for '280225.pem' are too open.
It is required that your private key files are NOT accessible by others.
This private key will be ignored.
Load key "280225.pem": bad permissions
ec2-user@ec2-3-111-245-5.ap-south-1.compute.amazonaws.com: Permission denied (publickey,gssapi-key
ex,gssapi-with-mic).
vignesh@macbookpro Downloads % chmod 400 280225.pem

[vignesh@macbookpro Downloads % ssh -i "280225.pem" ec2-user@ec2-3-111-245-5.ap-south-1.compute.ama]
zonaws.com
     ,        #_
   ~\_  ####_          Amazon Linux 2023
  ~~  \_#####\
  ~~     \###|
  ~~       \#/ ___    https://aws.amazon.com/linux/amazon-linux-2023
   ~~       V~' '->
    ~~~         /
     ~~._.   _/
        _/ _/
      _/m/'
[[ec2-user@ip-172-31-43-152 ~]$ sudo yum update -y                                                ]
Amazon Linux 2023 Kernel Livepatch repository   119 kB/s |  14 kB     00:00
Dependencies resolved.
Nothing to do.
Complete!
[ec2-user@ip-172-31-43-152 ~]$
```

```
Package                          Architecture Version                    Repository     Size
================================================================================================
Installing:
 docker                          x86_64       25.0.8-1.amzn2023.0.1      amazonlinux     44 M
Installing dependencies:
 containerd                      x86_64       1.7.25-1.amzn2023.0.1      amazonlinux     36 M
 iptables-libs                   x86_64       1.8.8-3.amzn2023.0.2       amazonlinux    401 k
 iptables-nft                    x86_64       1.8.8-3.amzn2023.0.2       amazonlinux    183 k
 libcgroup                       x86_64       3.0-1.amzn2023.0.1         amazonlinux     75 k
 libnetfilter_conntrack          x86_64       1.0.8-2.amzn2023.0.2       amazonlinux     58 k
 libnfnetlink                    x86_64       1.0.1-19.amzn2023.0.2      amazonlinux     30 k
 libnftnl                        x86_64       1.2.2-2.amzn2023.0.2       amazonlinux     84 k
 pigz                            x86_64       2.5-1.amzn2023.0.3         amazonlinux     83 k
 runc                            x86_64       1.2.4-1.amzn2023.0.1       amazonlinux    3.4 M

Transaction Summary
================================================================================================
Install  10 Packages

Total download size: 84 M
Installed size: 319 M
Downloading Packages:
(1/10): iptables-libs-1.8.8-3.amzn2023.0.2.x86_64.rpm          3.2 MB/s | 401 kB     00:00
(2/10): iptables-nft-1.8.8-3.amzn2023.0.2.x86_64.rpm          4.1 MB/s | 183 kB     00:00
(3/10): libcgroup-3.0-1.amzn2023.0.1.x86_64.rpm              2.7 MB/s |  75 kB     00:00
(4/10): libnetfilter_conntrack-1.0.8-2.amzn2023.0.2.x86_64.rpm  1.4 MB/s |  58 kB     00:00
(5/10): libnfnetlink-1.0.1-19.amzn2023.0.2.x86_64.rpm        1.0 MB/s |  30 kB     00:00
(6/10): libnftnl-1.2.2-2.amzn2023.0.2.x86_64.rpm            2.5 MB/s |  84 kB     00:00
(7/10): pigz-2.5-1.amzn2023.0.3.x86_64.rpm                 2.3 MB/s |  83 kB     00:00
(8/10): runc-1.2.4-1.amzn2023.0.1.x86_64.rpm               4.0 MB/s | 3.4 MB     00:00
(9/10): containerd-1.7.25-1.amzn2023.0.1.x86_64.rpm          25 MB/s |  36 MB     00:01
(10/10): docker-25.0.8-1.amzn2023.0.1.x86_64.rpm             28 MB/s |  44 MB     00:01
------------------------------------------------------------------------------------------------
Total                                                        51 MB/s |  84 MB     00:01
Running transaction check
Transaction check succeeded.
Running transaction test
Transaction test succeeded.
Running transaction
  Preparing        :                                                           1/1
  Installing       : runc-1.2.4-1.amzn2023.0.1.x86_64                          1/10
  Installing       : containerd-1.7.25-1.amzn2023.0.1.x86_64                   2/10
  Running scriptlet: containerd-1.7.25-1.amzn2023.0.1.x86_64                   2/10
  Installing       : pigz-2.5-1.amzn2023.0.3.x86_64                            3/10
  Installing       : libnftnl-1.2.2-2.amzn2023.0.2.x86_64                      4/10
  Installing       : libnfnetlink-1.0.1-19.amzn2023.0.2.x86_64                 5/10
  Installing       : libnetfilter_conntrack-1.0.8-2.amzn2023.0.2.x86_64        6/10
  Installing       : iptables-libs-1.8.8-3.amzn2023.0.2.x86_64                 7/10
  Installing       : iptables-nft-1.8.8-3.amzn2023.0.2.x86_64                  8/10
  Running scriptlet: iptables-nft-1.8.8-3.amzn2023.0.2.x86_64                  8/10
  Installing       : libcgroup-3.0-1.amzn2023.0.1.x86_64                       9/10
  Running scriptlet: docker-25.0.8-1.amzn2023.0.1.x86_64                       10/10
  Installing       : docker-25.0.8-1.amzn2023.0.1.x86_64                       10/10
  Running scriptlet: docker-25.0.8-1.amzn2023.0.1.x86_64                       10/10
Created symlink /etc/systemd/system/sockets.target.wants/docker.socket → /usr/lib/systemd/system/docker.socket.

  Verifying        : containerd-1.7.25-1.amzn2023.0.1.x86_64                   1/10
  Verifying        : docker-25.0.8-1.amzn2023.0.1.x86_64                       2/10
  Verifying        : iptables-libs-1.8.8-3.amzn2023.0.2.x86_64                 3/10
  Verifying        : iptables-nft-1.8.8-3.amzn2023.0.2.x86_64                  4/10
  Verifying        : libcgroup-3.0-1.amzn2023.0.1.x86_64                       5/10
  Verifying        : libnetfilter_conntrack-1.0.8-2.amzn2023.0.2.x86_64        6/10
  Verifying        : libnfnetlink-1.0.1-19.amzn2023.0.2.x86_64                 7/10
  Verifying        : libnftnl-1.2.2-2.amzn2023.0.2.x86_64                      8/10
  Verifying        : pigz-2.5-1.amzn2023.0.3.x86_64                            9/10
  Verifying        : runc-1.2.4-1.amzn2023.0.1.x86_64                          10/10

Installed:
  containerd-1.7.25-1.amzn2023.0.1.x86_64       docker-25.0.8-1.amzn2023.0.1.x86_64
  iptables-libs-1.8.8-3.amzn2023.0.2.x86_64     iptables-nft-1.8.8-3.amzn2023.0.2.x86_64
  libcgroup-3.0-1.amzn2023.0.1.x86_64           libnetfilter_conntrack-1.0.8-2.amzn2023.0.2.x86_64
  libnfnetlink-1.0.1-19.amzn2023.0.2.x86_64     libnftnl-1.2.2-2.amzn2023.0.2.x86_64
  pigz-2.5-1.amzn2023.0.3.x86_64                runc-1.2.4-1.amzn2023.0.1.x86_64

Complete!
[ec2-user@ip-172-31-43-152 ~]$ 
```

```
[ec2-user@ip-172-31-43-152 ~]$ sudo systemctl start docker
[ec2-user@ip-172-31-43-152 ~]$ sudo systemctl enable docker
Created symlink /etc/systemd/system/multi-user.target.wants/docker.service → /usr/lib/systemd/system/docker.service.
[ec2-user@ip-172-31-43-152 ~]$ sudo usermod -aG docker ubuntu
usermod: user 'ubuntu' does not exist
[ec2-user@ip-172-31-43-152 ~]$ sudo usermod -aG docker ec2-user
[ec2-user@ip-172-31-43-152 ~]$ 
```

```
Transaction Summary
================================================================================
Install  10 Packages

Total download size: 84 M
Installed size: 319 M
Downloading Packages:
(1/10): iptables-libs-1.8.8-3.amzn2023.0.2.x86_64.rpm              3.2 MB/s | 401 kB     00:00
(2/10): iptables-nft-1.8.8-3.amzn2023.0.2.x86_64.rpm              4.1 MB/s | 183 kB     00:00
(3/10): libcgroup-3.0-1.amzn2023.0.1.x86_64.rpm                  2.7 MB/s |  75 kB     00:00
(4/10): libnetfilter_conntrack-1.0.8-2.amzn2023.0.2.x86_64.rpm    1.4 MB/s |  58 kB     00:00
(5/10): libnfnetlink-1.0.1-19.amzn2023.0.2.x86_64.rpm            1.0 MB/s |  30 kB     00:00
(6/10): libnftnl-1.2.2-2.amzn2023.0.2.x86_64.rpm                 2.5 MB/s |  84 kB     00:00
(7/10): pigz-2.5-1.amzn2023.0.3.x86_64.rpm                       2.3 MB/s |  83 kB     00:00
(8/10): runc-1.2.4-1.amzn2023.0.1.x86_64.rpm                     4.0 MB/s | 3.4 MB     00:00
(9/10): containerd-1.7.25-1.amzn2023.0.1.x86_64.rpm              25 MB/s |  36 MB     00:01
(10/10): docker-25.0.8-1.amzn2023.0.1.x86_64.rpm                 28 MB/s |  44 MB     00:01
-------------------------------------------------------------------------------------
Total                                                            51 MB/s |  84 MB     00:01
Running transaction check
Transaction check succeeded.
Running transaction test
Transaction test succeeded.
Running transaction
  Preparing        :                                                                    1/1
  Installing       : runc-1.2.4-1.amzn2023.0.1.x86_64                                   1/10
  Installing       : containerd-1.7.25-1.amzn2023.0.1.x86_64                            2/10
  Running scriptlet: containerd-1.7.25-1.amzn2023.0.1.x86_64                            2/10
  Installing       : pigz-2.5-1.amzn2023.0.3.x86_64                                     3/10
  Installing       : libnftnl-1.2.2-2.amzn2023.0.2.x86_64                               4/10
  Installing       : libnfnetlink-1.0.1-19.amzn2023.0.2.x86_64                          5/10
  Installing       : libnetfilter_conntrack-1.0.8-2.amzn2023.0.2.x86_64                 6/10
  Installing       : iptables-libs-1.8.8-3.amzn2023.0.2.x86_64                          7/10
  Installing       : iptables-nft-1.8.8-3.amzn2023.0.2.x86_64                           8/10
  Running scriptlet: iptables-nft-1.8.8-3.amzn2023.0.2.x86_64                           8/10
  Installing       : libcgroup-3.0-1.amzn2023.0.1.x86_64                                9/10
  Running scriptlet: docker-25.0.8-1.amzn2023.0.1.x86_64                                10/10
  Installing       : docker-25.0.8-1.amzn2023.0.1.x86_64                                10/10
  Running scriptlet: docker-25.0.8-1.amzn2023.0.1.x86_64                                10/10
Created symlink /etc/systemd/system/sockets.target.wants/docker.socket → /usr/lib/systemd/system/docker.socket.

  Verifying        : containerd-1.7.25-1.amzn2023.0.1.x86_64                            1/10
  Verifying        : docker-25.0.8-1.amzn2023.0.1.x86_64                                2/10
  Verifying        : iptables-libs-1.8.8-3.amzn2023.0.2.x86_64                          3/10
  Verifying        : iptables-nft-1.8.8-3.amzn2023.0.2.x86_64                           4/10
  Verifying        : libcgroup-3.0-1.amzn2023.0.1.x86_64                                5/10
  Verifying        : libnetfilter_conntrack-1.0.8-2.amzn2023.0.2.x86_64                 6/10
  Verifying        : libnfnetlink-1.0.1-19.amzn2023.0.2.x86_64                          7/10
  Verifying        : libnftnl-1.2.2-2.amzn2023.0.2.x86_64                               8/10
  Verifying        : pigz-2.5-1.amzn2023.0.3.x86_64                                     9/10
  Verifying        : runc-1.2.4-1.amzn2023.0.1.x86_64                                   10/10

Installed:
  containerd-1.7.25-1.amzn2023.0.1.x86_64         docker-25.0.8-1.amzn2023.0.1.x86_64
  iptables-libs-1.8.8-3.amzn2023.0.2.x86_64       iptables-nft-1.8.8-3.amzn2023.0.2.x86_64
  libcgroup-3.0-1.amzn2023.0.1.x86_64             libnetfilter_conntrack-1.0.8-2.amzn2023.0.2.x86_64
  libnfnetlink-1.0.1-19.amzn2023.0.2.x86_64       libnftnl-1.2.2-2.amzn2023.0.2.x86_64
  pigz-2.5-1.amzn2023.0.3.x86_64                  runc-1.2.4-1.amzn2023.0.1.x86_64

Complete!
[ec2-user@ip-172-31-43-152 ~]$ sudo systemctl start docker
[ec2-user@ip-172-31-43-152 ~]$ sudo systemctl enable docker
Created symlink /etc/systemd/system/multi-user.target.wants/docker.service → /usr/lib/systemd/system/docker.service.
[ec2-user@ip-172-31-43-152 ~]$ sudo usermod -aG docker ubuntu
usermod: user 'ubuntu' does not exist
[ec2-user@ip-172-31-43-152 ~]$ sudo usermod -aG docker ec2-user
[ec2-user@ip-172-31-43-152 ~]$ sudo curl -L "https://github.com/docker/compose/releases/latest/download/docker-compose-$(uname -s)-$(uname -m)" -o /usr/local/bin/docker-compose
  % Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
                                 Dload  Upload   Total   Spent    Left  Speed
  0     0    0     0    0     0      0      0 --:--:-- --:--:-- --:--:--     0
  0     0    0     0    0     0      0      0 --:--:-- --:--:-- --:--:--     0
100 70.2M  100 70.2M    0     0  28.2M      0  0:00:02  0:00:02 --:--:-- 74.2M
[ec2-user@ip-172-31-43-152 ~]$ sudo chmod +x /usr/local/bin/docker-compose
[ec2-user@ip-172-31-43-152 ~]$ docker-compose --version
Docker Compose version v2.33.1
[ec2-user@ip-172-31-43-152 ~]$
```

```
GNU nano 5.8                                    Dockerfile                                    Modified
FROM nginx:latest
COPY index.html /usr/share/nginx/html/index.html

```

```
  GNU nano 5.8                                                         docker-compose.yml
version: '3'
services:
  nginx:
    build: .
    ports:
      - "80:80"
    volumes:
      - /var/opt/nginx:/usr/share/nginx/html
█
```

```
Installed size: 319 M
Downloading Packages:
(1/10): iptables-libs-1.8.8-3.amzn2023.0.2.x86_64.rpm              3.2 MB/s | 401 kB     00:00
(2/10): iptables-nft-1.8.8-3.amzn2023.0.2.x86_64.rpm              4.1 MB/s | 183 kB     00:00
(3/10): libcgroup-3.0-1.amzn2023.0.1.x86_64.rpm                  2.7 MB/s |  75 kB     00:00
(4/10): libnetfilter_conntrack-1.0.8-2.amzn2023.0.2.x86_64.rpm   1.4 MB/s |  58 kB     00:00
(5/10): libnfnetlink-1.0.1-19.amzn2023.0.2.x86_64.rpm            1.0 MB/s |  30 kB     00:00
(6/10): libnftnl-1.2.2-2.amzn2023.0.2.x86_64.rpm                 2.5 MB/s |  84 kB     00:00
(7/10): pigz-2.5-1.amzn2023.0.3.x86_64.rpm                       2.3 MB/s |  83 kB     00:00
(8/10): runc-1.2.4-1.amzn2023.0.1.x86_64.rpm                     4.0 MB/s | 3.4 MB     00:00
(9/10): containerd-1.7.25-1.amzn2023.0.1.x86_64.rpm              25 MB/s |  36 MB     00:01
(10/10): docker-25.0.8-1.amzn2023.0.1.x86_64.rpm                 28 MB/s |  44 MB     00:01
-------------------------------------------------------------------------------------------------
Total                                                            51 MB/s |  84 MB     00:01
Running transaction check
Transaction check succeeded.
Running transaction test
Transaction test succeeded.
Running transaction
  Preparing        :                                                              1/1
  Installing       : runc-1.2.4-1.amzn2023.0.1.x86_64                             1/10
  Installing       : containerd-1.7.25-1.amzn2023.0.1.x86_64                      2/10
  Running scriptlet: containerd-1.7.25-1.amzn2023.0.1.x86_64                      2/10
  Installing       : pigz-2.5-1.amzn2023.0.3.x86_64                               3/10
  Installing       : libnftnl-1.2.2-2.amzn2023.0.2.x86_64                         4/10
  Installing       : libnfnetlink-1.0.1-19.amzn2023.0.2.x86_64                    5/10
  Installing       : libnetfilter_conntrack-1.0.8-2.amzn2023.0.2.x86_64           6/10
  Installing       : iptables-libs-1.8.8-3.amzn2023.0.2.x86_64                    7/10
  Installing       : iptables-nft-1.8.8-3.amzn2023.0.2.x86_64                     8/10
  Running scriptlet: iptables-nft-1.8.8-3.amzn2023.0.2.x86_64                     8/10
  Installing       : libcgroup-3.0-1.amzn2023.0.1.x86_64                          9/10
  Running scriptlet: docker-25.0.8-1.amzn2023.0.1.x86_64                         10/10
  Installing       : docker-25.0.8-1.amzn2023.0.1.x86_64                         10/10
  Running scriptlet: docker-25.0.8-1.amzn2023.0.1.x86_64                         10/10
Created symlink /etc/systemd/system/sockets.target.wants/docker.socket → /usr/lib/systemd/system/docker.socket.

  Verifying        : containerd-1.7.25-1.amzn2023.0.1.x86_64                       1/10
  Verifying        : docker-25.0.8-1.amzn2023.0.1.x86_64                          2/10
  Verifying        : iptables-libs-1.8.8-3.amzn2023.0.2.x86_64                    3/10
  Verifying        : iptables-nft-1.8.8-3.amzn2023.0.2.x86_64                     4/10
  Verifying        : libcgroup-3.0-1.amzn2023.0.1.x86_64                          5/10
  Verifying        : libnetfilter_conntrack-1.0.8-2.amzn2023.0.2.x86_64           6/10
  Verifying        : libnfnetlink-1.0.1-19.amzn2023.0.2.x86_64                    7/10
  Verifying        : libnftnl-1.2.2-2.amzn2023.0.2.x86_64                         8/10
  Verifying        : pigz-2.5-1.amzn2023.0.3.x86_64                               9/10
  Verifying        : runc-1.2.4-1.amzn2023.0.1.x86_64                            10/10

Installed:
  containerd-1.7.25-1.amzn2023.0.1.x86_64      docker-25.0.8-1.amzn2023.0.1.x86_64
  iptables-libs-1.8.8-3.amzn2023.0.2.x86_64    iptables-nft-1.8.8-3.amzn2023.0.2.x86_64
  libcgroup-3.0-1.amzn2023.0.1.x86_64          libnetfilter_conntrack-1.0.8-2.amzn2023.0.2.x86_64
  libnfnetlink-1.0.1-19.amzn2023.0.2.x86_64    libnftnl-1.2.2-2.amzn2023.0.2.x86_64
  pigz-2.5-1.amzn2023.0.3.x86_64               runc-1.2.4-1.amzn2023.0.1.x86_64

Complete!
[ec2-user@ip-172-31-43-152 ~]$ sudo systemctl start docker
[ec2-user@ip-172-31-43-152 ~]$ sudo systemctl enable docker
Created symlink /etc/systemd/system/multi-user.target.wants/docker.service → /usr/lib/systemd/system/docker.service.
[ec2-user@ip-172-31-43-152 ~]$ sudo usermod -aG docker ubuntu
usermod: user 'ubuntu' does not exist
[ec2-user@ip-172-31-43-152 ~]$ sudo usermod -aG docker ec2-user
[ec2-user@ip-172-31-43-152 ~]$ sudo curl -L "https://github.com/docker/compose/releases/latest/download/docker-compose-$(uname -s)-$(uname -m)" -o /usr/local/bin/docker-compose
  % Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
                                 Dload  Upload   Total   Spent    Left  Speed
  0     0    0     0    0     0      0      0 --:--:-- --:--:-- --:--:--     0
  0     0    0     0    0     0      0      0 --:--:-- --:--:-- --:--:--     0
100 70.2M  100 70.2M    0     0  28.2M      0  0:00:02  0:00:02 --:--:-- 74.2M
[ec2-user@ip-172-31-43-152 ~]$ sudo chmod +x /usr/local/bin/docker-compose
[ec2-user@ip-172-31-43-152 ~]$ docker-compose --version
Docker Compose version v2.33.1
[ec2-user@ip-172-31-43-152 ~]$ mkdir ~/nginix-docker
[ec2-user@ip-172-31-43-152 ~]$ cd ~/nginix-docker
[ec2-user@ip-172-31-43-152 nginix-docker]$ nano Dockerfile
[ec2-user@ip-172-31-43-152 nginix-docker]$ nano index.html
[ec2-user@ip-172-31-43-152 nginix-docker]$ nano docker-compose.yml
[ec2-user@ip-172-31-43-152 nginix-docker]$ █
```

```
 Installing       : iptables-libs-1.8.8-3.amzn2023.0.2.x86_64                        7/10
 Installing       : iptables-nft-1.8.8-3.amzn2023.0.2.x86_64                         8/10
 Running scriptlet: iptables-nft-1.8.8-3.amzn2023.0.2.x86_64                         8/10
 Installing       : libcgroup-3.0-1.amzn2023.0.1.x86_64                              9/10
 Running scriptlet: docker-25.0.8-1.amzn2023.0.1.x86_64                             10/10
 Installing       : docker-25.0.8-1.amzn2023.0.1.x86_64                             10/10
 Running scriptlet: docker-25.0.8-1.amzn2023.0.1.x86_64                             10/10
Created symlink /etc/systemd/system/sockets.target.wants/docker.socket → /usr/lib/systemd/system/docker.socket.

 Verifying        : containerd-1.7.25-1.amzn2023.0.1.x86_64                          1/10
 Verifying        : docker-25.0.8-1.amzn2023.0.1.x86_64                              2/10
 Verifying        : iptables-libs-1.8.8-3.amzn2023.0.2.x86_64                        3/10
 Verifying        : iptables-nft-1.8.8-3.amzn2023.0.2.x86_64                         4/10
 Verifying        : libcgroup-3.0-1.amzn2023.0.1.x86_64                              5/10
 Verifying        : libnetfilter_conntrack-1.0.8-2.amzn2023.0.2.x86_64              6/10
 Verifying        : libnfnetlink-1.0.1-19.amzn2023.0.2.x86_64                        7/10
 Verifying        : libnftnl-1.2.2-2.amzn2023.0.2.x86_64                             8/10
 Verifying        : pigz-2.5-1.amzn2023.0.3.x86_64                                   9/10
 Verifying        : runc-1.2.4-1.amzn2023.0.1.x86_64                                10/10

Installed:
  containerd-1.7.25-1.amzn2023.0.1.x86_64       docker-25.0.8-1.amzn2023.0.1.x86_64
  iptables-libs-1.8.8-3.amzn2023.0.2.x86_64     iptables-nft-1.8.8-3.amzn2023.0.2.x86_64
  libcgroup-3.0-1.amzn2023.0.1.x86_64           libnetfilter_conntrack-1.0.8-2.amzn2023.0.2.x86_64
  libnfnetlink-1.0.1-19.amzn2023.0.2.x86_64     libnftnl-1.2.2-2.amzn2023.0.2.x86_64
  pigz-2.5-1.amzn2023.0.3.x86_64                runc-1.2.4-1.amzn2023.0.1.x86_64

Complete!
[ec2-user@ip-172-31-43-152 ~]$ sudo systemctl start docker
[ec2-user@ip-172-31-43-152 ~]$ sudo systemctl enable docker
Created symlink /etc/systemd/system/multi-user.target.wants/docker.service → /usr/lib/systemd/system/docker.service.
[ec2-user@ip-172-31-43-152 ~]$ sudo usermod -aG docker ubuntu
usermod: user 'ubuntu' does not exist
[ec2-user@ip-172-31-43-152 ~]$ sudo usermod -aG docker ec2-user
[ec2-user@ip-172-31-43-152 ~]$ sudo curl -L "https://github.com/docker/compose/releases/latest/download/docker-compose-$(uname -s)-$(uname -m)" -o /usr/local/bin/docker-compose
  % Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
                                 Dload  Upload   Total   Spent    Left  Speed
  0     0    0     0    0     0      0      0 --:--:-- --:--:-- --:--:--     0
  0     0    0     0    0     0      0      0 --:--:-- --:--:-- --:--:--     0
100 70.2M  100 70.2M    0     0  28.2M      0  0:00:02  0:00:02 --:--:-- 74.2M
[ec2-user@ip-172-31-43-152 ~]$ sudo chmod +x /usr/local/bin/docker-compose
[ec2-user@ip-172-31-43-152 ~]$ docker-compose --version
Docker Compose version v2.33.1
[ec2-user@ip-172-31-43-152 ~]$ mkdir ~/nginix-docker
[ec2-user@ip-172-31-43-152 ~]$ cd ~/nginix-docker
[ec2-user@ip-172-31-43-152 nginix-docker]$ nano Dockerfile
[ec2-user@ip-172-31-43-152 nginix-docker]$ nano index.html
[ec2-user@ip-172-31-43-152 nginix-docker]$ nano docker-compose.yml
[ec2-user@ip-172-31-43-152 nginix-docker]$ docker-compose up -d --build
WARN[0000] /home/ec2-user/nginix-docker/docker-compose.yml: the attribute `version` is obsolete, it will be ignored, please remove it to avoid potential confusion
unable to get image 'nginix-docker-nginx': permission denied while trying to connect to the Docker daemon socket at unix:///var/run/docker.sock: Get "http://%2Fvar%2Frun%2Fdocker.sock/v1.48/images/nginix-docker-nginx/json": dial unix /var/run/do
cker.sock: connect: permission denied
[ec2-user@ip-172-31-43-152 nginix-docker]$ sudo usermod -aG docker ec2-user
[ec2-user@ip-172-31-43-152 nginix-docker]$ docker-compose up -d --build
WARN[0000] /home/ec2-user/nginix-docker/docker-compose.yml: the attribute `version` is obsolete, it will be ignored, please remove it to avoid potential confusion
unable to get image 'nginix-docker-nginx': permission denied while trying to connect to the Docker daemon socket at unix:///var/run/docker.sock: Get "http://%2Fvar%2Frun%2Fdocker.sock/v1.48/images/nginix-docker-nginx/json": dial unix /var/run/do
cker.sock: connect: permission denied
[ec2-user@ip-172-31-43-152 nginix-docker]$ exit
logout
Connection to ec2-3-111-245-5.ap-south-1.compute.amazonaws.com closed.
vignesh@macbookpro Downloads % ssh -i "280225.pem" ec2-user@ec2-3-111-245-5.ap-south-1.compute.amazonaws.com

      ,     #_
   ~\_  ####_        Amazon Linux 2023
  ~~  \_#####\
  ~~     \###|
  ~~       \#/ ___   https://aws.amazon.com/linux/amazon-linux-2023
   ~~       V~' '->
    ~~~         /
      ~~._.   _/
         _/ _/
        _/m/'
Last login: Fri Feb 28 13:45:56 2025 from 182.72.45.186
[ec2-user@ip-172-31-43-152 ~]$ docker ps
CONTAINER ID   IMAGE     COMMAND   CREATED   STATUS    PORTS     NAMES
[ec2-user@ip-172-31-43-152 ~]$ 
```

```
unable to get image 'nginix-docker-nginx': permission denied while trying to connect to the Docker daemon socket at unix:///var/run/docker.sock: Get "http://%2Fvar%2Frun%2Fdocker.sock/v1.48/images/nginix-docker-nginx/json": dial unix /var/run/do
cker.sock: connect: permission denied
[ec2-user@ip-172-31-43-152 nginix-docker]$ sudo usermod -aG docker ec2-user
[ec2-user@ip-172-31-43-152 nginix-docker]$ docker-compose up -d --build
WARN[0000] /home/ec2-user/nginix-docker/docker-compose.yml: the attribute `version` is obsolete, it will be ignored, please remove it to avoid potential confusion
unable to get image 'nginix-docker-nginx': permission denied while trying to connect to the Docker daemon socket at unix:///var/run/docker.sock: Get "http://%2Fvar%2Frun%2Fdocker.sock/v1.48/images/nginix-docker-nginx/json": dial unix /var/run/do
cker.sock: connect: permission denied
[ec2-user@ip-172-31-43-152 nginix-docker]$ exit
logout
Connection to ec2-3-111-245-5.ap-south-1.compute.amazonaws.com closed.
vignesh@macbookpro Downloads % ssh -i "280225.pem" ec2-user@ec2-3-111-245-5.ap-south-1.compute.amazonaws.com

      ,     #_
   ~\_  ####_        Amazon Linux 2023
  ~~  \_#####\
  ~~     \###|
  ~~       \#/ ___   https://aws.amazon.com/linux/amazon-linux-2023
   ~~       V~' '->
    ~~~         /
      ~~._.   _/
         _/ _/
        _/m/'
Last login: Fri Feb 28 13:45:56 2025 from 182.72.45.186
[ec2-user@ip-172-31-43-152 ~]$ docker ps
CONTAINER ID   IMAGE     COMMAND   CREATED   STATUS    PORTS     NAMES
[ec2-user@ip-172-31-43-152 ~]$ sudo systemctl restart docker
[ec2-user@ip-172-31-43-152 ~]$ docker-compose up -d --build
no configuration file provided: not found
[ec2-user@ip-172-31-43-152 ~]$ ls -1
total 0
drwxr-xr-x. 2 ec2-user ec2-user 68 Feb 28 13:54 nginix-docker
[ec2-user@ip-172-31-43-152 ~]$ cd /home/ec2-user/nginix-docker
[ec2-user@ip-172-31-43-152 nginix-docker]$ ls -l docker-compose.yml
-rw-r--r--. 1 ec2-user ec2-user 130 Feb 28 13:54 docker-compose.yml
[ec2-user@ip-172-31-43-152 nginix-docker]$ docker-compose up -d --build
WARN[0000] /home/ec2-user/nginix-docker/docker-compose.yml: the attribute `version` is obsolete, it will be ignored, please remove it to avoid potential confusion
Compose now can delegate build to bake for better performances
Just set COMPOSE_BAKE=true
[+] Building 7.4s (8/8) FINISHED                                                                                                                                       docker:default
 => [nginx internal] load build definition from Dockerfile                                                                                                                      0.0s
 => => transferring dockerfile: 163B                                                                                                                                            0.0s
 => [nginx internal] load metadata for docker.io/library/nginx:latest                                                                                                          2.2s
 => [nginx internal] load .dockerignore                                                                                                                                         0.0s
 => => transferring context: 2B                                                                                                                                                 0.0s
 => [nginx internal] load build context                                                                                                                                         0.0s
 => => transferring context: 261B                                                                                                                                               0.0s
 => [nginx 1/2] FROM docker.io/library/nginx:latest@sha256:9d6b58feebd2dbd3c56ab5853333d627cc6e281011cfd6050fa4bcf2072c9496                                                     5.9s
 => => resolve docker.io/library/nginx:latest@sha256:9d6b58feebd2dbd3c56ab5853333d627cc6e281011cfd6050fa4bcf2072c9496                                                           0.0s
 => => sha256:b52e0b094bc0e26c9eddc9e4ab7a64ce0033c336d8b7ad4ff4132c4e03e8f7b 8.58kB / 8.58kB                                                                                   0.0s
 => => sha256:28edb180ee63847a8d6f77a7c312045e1bd91d5e3c944c8a0012f0b14c830c44 2.29kB / 2.29kB                                                                                  0.0s
 => => sha256:7cf63256a31a4cc44f6defe8e1af95363aee5fa75f30a24bd95cae684f87c53c 28.22MB / 28.22MB                                                                                0.8s
 => => sha256:bf9acace214a6c23630803d90911f1fd7d1ba06a3083f0a62fd036a6d1d8e274 43.95MB / 43.95MB                                                                                1.2s
 => => sha256:513c3649bb1480ca9a04c73f320b6b5a909e24e4ac18ae72fd56b818241d6730 626B / 626B                                                                                      0.7s
 => => sha256:9d6b58feebd2dbd3c56ab5853333d627cc6e281011cfd6050fa4bcf2072c9496 10.27kB / 10.27kB                                                                                0.0s
 => => sha256:d014f92d532d416c7b9eadb244f14f73fdb3d2ead120264b749e342700822f3c 957B / 957B                                                                                      1.0s
 => => sha256:9dd21ad5a4a6a856d82bb6bb6147c30ad90a9768c3651c55775354e7649bc74d 406B / 406B                                                                                      1.1s
 => => extracting sha256:7cf63256a31a4cc44f6defe8e1af95363aee5fa75f30a24bd95cae684f87c53c                                                                                       1.8s
 => => sha256:943ea0f0c2e42ccacc72ac65701347eadb2b0cb22828fac30f1400bba3d37088 1.21kB / 1.21kB                                                                                  1.2s
 => => sha256:103f50cb3e9f200431b555078cce5e8df3db6ddc2e54d714a10b994e430e98a3 1.40kB / 1.40kB                                                                                  1.3s
 => => extracting sha256:bf9acace214a6c23630803d90911f1fd7d1ba06a3083f0a62fd036a6d1d8e274                                                                                       1.7s
 => => extracting sha256:513c3649bb1480ca9a04c73f320b6b5a909e24e4ac18ae72fd56b818241d6730                                                                                       0.0s
 => => extracting sha256:d014f92d532d416c7b9eadb244f14f73fdb3d2ead120264b749e342700822f3c                                                                                       0.0s
 => => extracting sha256:9dd21ad5a4a6a856d82bb6bb6147c30ad90a9768c3651c55775354e7649bc74d                                                                                       0.0s
 => => extracting sha256:943ea0f0c2e42ccacc72ac65701347eadb2b0cb22828fac30f1400bba3d37088                                                                                       0.0s
 => => extracting sha256:103f50cb3e9f200431b555078cce5e8df3db6ddc2e54d714a10b994e430e98a3                                                                                       0.0s
 => [nginx 2/2] COPY index.html /usr/share/nginx/html/index.html                                                                                                                0.1s
 => [nginx] exporting to image                                                                                                                                                  0.0s
 => => exporting layers                                                                                                                                                         0.0s
 => => writing image sha256:9ddd7a371ec1de8517d359a214124831b64ac875ba747a882958b7f1b6018e61                                                                                    0.0s
 => => naming to docker.io/library/nginix-docker-nginx                                                                                                                          0.0s
 => [nginx] resolving provenance for metadata file                                                                                                                             0.0s
[+] Running 3/3
 ✔ nginx                          Built                                                                                                                                         0.0s
 ✔ Network nginix-docker_default  Created                                                                                                                                       0.1s
 ✔ Container nginix-docker-nginx-1  Started                                                                                                                                     0.7s
[ec2-user@ip-172-31-43-152 nginix-docker]$ 
```

```
total 0
drwxr-xr-x. 2 ec2-user ec2-user 68 Feb 28 13:54 nginix-docker
[ec2-user@ip-172-43-152 ~]$ cd /home/ec2-user/nginx-docker
[ec2-user@ip-172-43-152 nginx-docker]$ ls -l docker-compose.yml
-rw-r--r--. 1 ec2-user ec2-user 130 Feb 28 13:54 docker-compose.yml
[ec2-user@ip-172-43-152 nginx-docker]$ docker-compose up -d --build
WARN[0000] /home/ec2-user/nginx-docker/docker-compose.yml: the attribute `version` is obsolete, it will be ignored, please remove it to avoid potential confusion
Compose now can delegate build to bake for better performances
Just set COMPOSE_BAKE=true
[+] Building 7.4s (8/8) FINISHED                                                                                                           docker:default
 => => [nginx internal] load build definition from Dockerfile                                                                                        0.0s
 => => transferring dockerfile: 163B                                                                                                                 0.0s
 => => [nginx internal] load metadata for docker.io/library/nginx:latest                                                                             2.2s
 => => [nginx internal] load .dockerignore                                                                                                           0.0s
 => => transferring context: 2B                                                                                                                      0.0s
 => => [nginx internal] load build context                                                                                                           0.0s
 => => transferring context: 261B                                                                                                                    0.0s
 => => [nginx 1/2] FROM docker.io/library/nginx:latest@sha256:9d6b58feebd2dbd3c56ab5853333d627cc6e281011cfd6050fa4bcf2072c9496                        5.0s
 => => resolve docker.io/library/nginx:latest@sha256:9d6b58feebd2dbd3c56ab5853333d627cc6e281011cfd6050fa4bcf2072c9496                                 0.0s
 => => sha256:b52e0b094bc0e26c9eddc9e4ab7a64ce0033c336bd8b7ad4ff4132c4e03e8f7b 8.50kB / 8.50kB                                                       0.0s
 => => sha256:28edb180fee63847a8d6f77a7c312045e1bd91d5e3c944c8a0012f0b14c830c44 2.29kB / 2.29kB                                                      0.0s
 => => sha256:7cf63256a31a4cc44f6defe8e1af95363aee5fa75f30a24d095caee84f87c53c 28.22MB / 28.22MB                                                     0.8s
 => => sha256:bf9acace214a6c23630808d9f0911f1fd7d1ba06a3083f0a62fd036a6d1d8e274 43.95MB / 43.95MB                                                    1.2s
 => => sha256:513c3649bb1a80ca9a04c73f320b6b5a909e24e4ac18ae72fd56b818241d6730 626B / 626B                                                           0.7s
 => => sha256:9d6b58feebd2dbd3c56ab5853333d627cc6e281011cfd6050fa4bcf2072c9496 10.27kB / 10.27kB                                                     0.0s
 => => sha256:d014f92d532d416c7b9eadb244f14f73fdb3d2ead120264b749e342700824f3c 957B / 957B                                                           1.0s
 => => sha256:9dd21ad5a4a6a856d82bb6bb6147c30ad90a9768c3651c557753554e7649bc74d 406B / 406B                                                          1.1s
 => => extracting sha256:7cf63256a31a4cc44f6defe8e1af95363aee5fa75f30a24d095caee84f87c53c                                                            1.8s
 => => sha256:943ea0f0c2e42ccacc72ac65701347eadb2b0cb22828fac30f1400bba3d37088 1.21kB / 1.21kB                                                       1.2s
 => => sha256:103f50cb3e9f200431b555078cce5e8df3db6ddc2e54d714a10b994e430e98a3 1.40kB / 1.40kB                                                       1.3s
 => => extracting sha256:bf9acace214a6c23630808d9f0911f1fd7d1ba06a3083f0a62fd036a6d1d8e274                                                           1.7s
 => => extracting sha256:513c3649bb1a80ca9a04c73f320b6b5a909e24e4ac18ae72fd56b818241d6730                                                            0.0s
 => => extracting sha256:d014f92d532d416c7b9eadb244f14f73fdb3d2ead120264b749e342700824f3c                                                            0.0s
 => => extracting sha256:9dd21ad5a4a6a856d82bb6bb6147c30ad90a9768c3651c557753554e7649bc74d                                                           0.0s
 => => extracting sha256:943ea0f0c2e42ccacc72ac65701347eadb2b0cb22828fac30f1400bba3d37088                                                            0.0s
 => => extracting sha256:103f50cb3e9f200431b555078cce5e8df3db6ddc2e54d714a10b994e430e98a3                                                            0.0s
 => => [nginx 2/2] COPY index.html /usr/share/nginx/html/index.html                                                                                  0.1s
 => => [nginx] exporting to image                                                                                                                    0.0s
 => => exporting layers                                                                                                                              0.0s
 => => writing image sha256:9ddd7a371ec1de8517d359a214124831b64ac875ba747a882958b7f1b6018e61                                                         0.0s
 => => naming to docker.io/library/nginix-docker-nginx                                                                                               0.0s
 => => [nginx] resolving provenance for metadata file                                                                                                0.0s
[+] Running 3/3
 ✔ nginx                             Built                                                                                                           0.0s
 ✔ Network nginix-docker_default     Created                                                                                                         0.1s
 ✔ Container nginix-docker-nginx-1   Started                                                                                                         0.7s
[ec2-user@ip-172-43-152 nginx-docker]$ docker ps
CONTAINER ID   IMAGE                COMMAND                  CREATED          STATUS         PORTS                                     NAMES
0a244a240fa3   nginix-docker-nginx  "/docker-entrypoint.…"   42 seconds ago   Up 40 seconds  0.0.0.0:80->80/tcp, :::80->80/tcp         nginix-docker-nginx-1
[ec2-user@ip-172-43-152 nginx-docker]$ curl http://localhost
<html>
<head><title>403 Forbidden</title></head>
<body>
<center><h1>403 Forbidden</h1></center>
<hr><center>nginx/1.27.4</center>
</body>
</html>
[ec2-user@ip-172-43-152 nginx-docker]$ curl http://localhost
<html>
<head><title>403 Forbidden</title></head>
<body>
<center><h1>403 Forbidden</h1></center>
<hr><center>nginx/1.27.4</center>
</body>
</html>
[ec2-user@ip-172-43-152 nginx-docker]$ ls -l /var/opt/nginx
total 0
[ec2-user@ip-172-43-152 nginx-docker]$ echo "<h1>Welcome to My Custom Nginx</h1>" | sudo tee /var/opt/nginx/index.html
<h1>Welcome to My Custom Nginx</h1>
[ec2-user@ip-172-43-152 nginx-docker]$ docker-compose restart
WARN[0000] /home/ec2-user/nginx-docker/docker-compose.yml: the attribute `version` is obsolete, it will be ignored, please remove it to avoid potential confusion
[+] Restarting 1/1
 ✔ Container nginix-docker-nginx-1   Started                                                                                                         4.8s
[ec2-user@ip-172-43-152 nginx-docker]$ curl http://localhost
<h1>Welcome to My Custom Nginx</h1>
[ec2-user@ip-172-43-152 nginx-docker]$ █
```

```
  GNU nano 5.8                                                      /var/opt/nginx/nginx.conf                                                      Modified
server {
    listen 80;
    server_name localhost;
    root /usr/share/nginx/html;
    index index.html;
}
█
```

```
^G Help       ^O Write Out   ^W Where Is    ^K Cut        ^T Execute    ^C Location    M-U Undo      M-A Set Mark   M-] To Bracket  M-↑ Previous   ^B Back        ^← Prev Word   ^A Home       ^P Prev Line
^X Exit       ^R Read File   ^\ Replace     ^U Paste      ^J Justify    ^/ Go To Line  M-E Redo      M-6 Copy       ^Q Where Was    M-↓ Next       ^F Forward     ^→ Next Word   ^E End        ^N Next Line
```

```
  ✓ Container nginx-docker-nginx-1  Removed                                                                                            0.3s
  ✓ Network nginx-docker_default    Removed                                                                                            0.3s
[ec2-user@ip-172-31-43-152 nginx-docker]$ sudo rm -rf /var/opt/nginx
[ec2-user@ip-172-31-43-152 nginx-docker]$ mkdir -p /var/opt/nginx
mkdir: cannot create directory '/var/opt/nginx': Permission denied
[ec2-user@ip-172-31-43-152 nginx-docker]$ sudo mkdir -p /var/opt/nginx
[ec2-user@ip-172-31-43-152 nginx-docker]$ echo "<h1>Hello from Nginx!</h1>" | sudo tee /var/opt/nginx/index.html
-bash: !: event not found
[ec2-user@ip-172-31-43-152 nginx-docker]$ touch index.html
[ec2-user@ip-172-31-43-152 nginx-docker]$ echo '<h1>Welcome to My Custom Nginx</h1>' | sudo tee /var/opt/nginx/index.html
<h1>Welcome to My Custom Nginx</h1>
[ec2-user@ip-172-31-43-152 nginx-docker]$ docker-compose restart
WARN[0000] /home/ec2-user/nginx-docker/docker-compose.yml: the attribute `version` is obsolete, it will be ignored, please remove it to avoid potential confusion
[ec2-user@ip-172-31-43-152 nginx-docker]$ curl http://localhost
curl: (7) Failed to connect to localhost port 80 after 0 ms: Couldn't connect to server
[ec2-user@ip-172-31-43-152 nginx-docker]$ docker ps
CONTAINER ID   IMAGE     COMMAND   CREATED   STATUS    PORTS     NAMES
[ec2-user@ip-172-31-43-152 nginx-docker]$ docker ps -a
CONTAINER ID   IMAGE     COMMAND   CREATED   STATUS    PORTS     NAMES
[ec2-user@ip-172-31-43-152 nginx-docker]$ docker logs 0a244a240fa3
Error response from daemon: No such container: 0a244a240fa3
[ec2-user@ip-172-31-43-152 nginx-docker]$ docker-compose up -d --build
WARN[0000] /home/ec2-user/nginx-docker/docker-compose.yml: the attribute `version` is obsolete, it will be ignored, please remove it to avoid potential confusion
Compose now can delegate build to bake for better performances
Just set COMPOSE_BAKE=true
[+] Building 1.4s (8/8) FINISHED                                                                                            docker:default
 => [nginx internal] load build definition from Dockerfile                                                                            0.0s
 => => transferring dockerfile: 163B                                                                                                  0.0s
 => [nginx internal] load metadata for docker.io/library/nginx:latest                                                                 1.3s
 => [nginx internal] load .dockerignore                                                                                               0.0s
 => => transferring context: 2B                                                                                                       0.0s
 => [nginx internal] load build context                                                                                               0.0s
 => => transferring context: 261B                                                                                                     0.0s
 => [nginx 1/2] FROM docker.io/library/nginx:latest@sha256:9d6b58feebd2dbd3c56ab5853333d627cc6e281011cfd6050fa4bcf2072c9496           0.0s
 => CACHED [nginx 2/2] COPY index.html /usr/share/nginx/html/index.html                                                               0.0s
 => [nginx] exporting to image                                                                                                        0.0s
 => => exporting layers                                                                                                               0.0s
 => => writing image sha256:9ddd7a371ec1de8517d359a214124831b64ac875ba747a882958b7f1b6018e61                                          0.0s
 => => naming to docker.io/library/nginx-docker-nginx                                                                                 0.0s
 => [nginx] resolving provenance for metadata file                                                                                    0.0s
[+] Running 3/3
 ✓ nginx                             Built                                                                                            0.0s
 ✓ Network nginx-docker_default     Created                                                                                           0.1s
 ✓ Container nginx-docker-nginx-1   Started                                                                                           0.4s
[ec2-user@ip-172-31-43-152 nginx-docker]$ docker ps
CONTAINER ID   IMAGE               COMMAND                  CREATED          STATUS          PORTS                                     NAMES
9fd5004f8d15   nginx-docker-nginx  "/docker-entrypoint…"   13 seconds ago   Up 12 seconds   0.0.0.0:80->80/tcp, :::80->80/tcp         nginx-docker-nginx-1
[ec2-user@ip-172-31-43-152 nginx-docker]$ docker exec -it 9fd5004f8d15 /bin/sh
#
#
# nginx -t  # Check for configuration errors
nginx -s reload
nginx: the configuration file /etc/nginx/nginx.conf syntax is ok
nginx: configuration file /etc/nginx/nginx.conf test is successful
# 2025/02/28 14:13:57 [notice] 37#37: signal process started
# nginx -t
/bin/sh: 5: nginx: not found
#
#
#
#
#
#
#
#
# exit
[ec2-user@ip-172-31-43-152 nginx-docker]$ ps aux | grep nginx
root        30215  0.0  0.8  11596  7800 ?        Ss   14:12   0:00 nginx: master process nginx -g daemon off;
101         30364  0.0  0.2  12056  2812 ?        S    14:13   0:00 nginx: worker process
ec2-user    30366  0.0  0.2 222316  2068 pts/0    S+   14:15   0:00 grep --color=auto nginx
[ec2-user@ip-172-31-43-152 nginx-docker]$ docker exec -it 9fd5004f8d15 curl http://localhost
<h1>Welcome to My Custom Nginx</h1>
[ec2-user@ip-172-31-43-152 nginx-docker]$ curl http://127.0.0.1
<h1>Welcome to My Custom Nginx</h1>
[ec2-user@ip-172-31-43-152 nginx-docker]$ ▮
```

← → C ⚠ Not Secure 3.111.245.5   ☆ ⅀ ↓ V ⋮

Welcome to My Custom Nginx

```
=> [nginx internal] load metadata for docker.io/library/nginx:latest                                    1.3s
=> [nginx internal] load .dockerignore                                                                  0.0s
=> => transferring context: 2B                                                                          0.0s
=> [nginx internal] load build context                                                                  0.0s
=> => transferring context: 261B                                                                        0.0s
=> [nginx 1/2] FROM docker.io/library/nginx:latest@sha256:9d6b58feebd2dbd3c56ab5853333d627cc6e281011cfd6050fa4bcf2072c9496    0.0s
=> CACHED [nginx 2/2] COPY index.html /usr/share/nginx/html/index.html                                  0.0s
=> [nginx] exporting to image                                                                           0.0s
=> => exporting layers                                                                                  0.0s
=> => writing image sha256:9ddd7a371ec1de8517d359a214124831b64ac875ba747a882958b7f1b6018e61             0.0s
=> => naming to docker.io/library/nginix-docker-nginx                                                   0.0s
=> [nginx] resolving provenance for metadata file                                                       0.0s
[+] Running 3/3
 ✔ nginx                            Built                                                                0.0s
 ✔ Network nginix-docker_default    Created                                                             0.1s
 ✔ Container nginix-docker-nginx-1  Started                                                             0.4s
[ec2-user@ip-172-31-43-152 nginix-docker]$ docker ps
CONTAINER ID   IMAGE                 COMMAND                  CREATED          STATUS          PORTS                                     NAMES
9fd5004f8d15   nginix-docker-nginx   "/docker-entrypoint.…"   13 seconds ago   Up 12 seconds   0.0.0.0:80->80/tcp, :::80->80/tcp         nginix-docker-nginx-1
#
#
# nginx -t  # Check for configuration errors
nginx -s reload
nginx: the configuration file /etc/nginx/nginx.conf syntax is ok
nginx: configuration file /etc/nginx/nginx.conf test is successful
# 2025/02/28 14:13:57 [notice] 37#37: signal process started
# nginix -t
/bin/sh: 5: nginix: not found
#
#
#
#
#
#
#
#
# exit
[ec2-user@ip-172-31-43-152 nginix-docker]$ ps aux | grep nginx
root        30215  0.0  0.8  11596  7800 ?        Ss   14:12   0:00 nginx: master process nginx -g daemon off;
101         30364  0.0  0.2  12056  2812 ?        S    14:13   0:00 nginx: worker process
ec2-user    30366  0.0  0.2 222316  2068 pts/0    S+   14:15   0:00 grep --color=auto nginx
[ec2-user@ip-172-31-43-152 nginix-docker]$ docker exec -it 9fd5004f8d15 curl http://localhost
<h1>Welcome to My Custom Nginx</h1>
[ec2-user@ip-172-31-43-152 nginix-docker]$ curl http://127.0.0.1
<h1>Welcome to My Custom Nginx</h1>
[ec2-user@ip-172-31-43-152 nginix-docker]$ docker login
Log in with your Docker ID or email address to push and pull images from Docker Hub. If you don't have a Docker ID, head over to https://hub.docker.com/ to create one.
You can log in with your password or a Personal Access Token (PAT). Using a limited-scope PAT grants better security and is required for organizations using SSO. Learn more at https://docs.docker.com/go/access-tokens/

Username: vigneshhid
Password:
WARNING! Your password will be stored unencrypted in /home/ec2-user/.docker/config.json.
Configure a credential helper to remove this warning. See
https://docs.docker.com/engine/reference/commandline/login/#credentials-store

Login Succeeded
[ec2-user@ip-172-31-43-152 nginix-docker]$ docker images
REPOSITORY            TAG       IMAGE ID       CREATED          SIZE
nginix-docker-nginx   latest    9ddd7a371ec1   21 minutes ago   192MB
[ec2-user@ip-172-31-43-152 nginix-docker]$ docker tag nginix-docker-nginx:latest vigneshhid/nginix-docker-nginx:latest
[ec2-user@ip-172-31-43-152 nginix-docker]$ docker push vigneshhid/nginix-docker-nginx:latest
The push refers to repository [docker.io/vigneshhid/nginix-docker-nginx]
248fc820d0a9: Pushed
55e9644f21c3: Mounted from library/nginx
7d22e2347c12: Mounted from library/nginx
f6d5815f290e: Mounted from library/nginx
791f0a07985c: Mounted from library/nginx
cabea05c000e: Mounted from library/nginx
c68632c455ae: Mounted from library/nginx
5f1ee22ffb5e: Mounted from library/nginx
latest: digest: sha256:55f8934f9496b86c24e496496b4c728494f29bbe795cfd6ae97cdb404413e220 size: 1985
[ec2-user@ip-172-31-43-152 nginix-docker]$
```

docker hub   Explore   Repositories   Organizations   Usage   🔍 Search Docker Hub   ⌘+K ⓘ ⚙ ⌵ ☾ ⠿ V

| vigneshhid ▾ | 🔍 Search by repository name | All content ▾ | | | Create a repository |

Name	Last Pushed ↑	Contains	Visibility	Scout
vigneshhid/nginix-docker-nginx	less than a minute ago	IMAGE	Public	Inactive
vigneshhid/custom-nginx	13 days ago	IMAGE	Public	Inactive
vigneshhid/my-nginx	13 days ago	IMAGE	Public	Inactive

1–3 of 3 ‹ ›

Create an organization

Create and manage users and grant access to your repositories.