Using username "ec2-user".

Authenticating with public key "imported-openssh-key"

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\_| ( / Amazon Linux AMI

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https://aws.amazon.com/amazon-linux-ami/2018.03-release-notes/

[ec2-user@ip-172-31-83-110 ~]$ sudo service docker start

docker: unrecognized service

[ec2-user@ip-172-31-83-110 ~]$ sudo yum install -y docker

Loaded plugins: priorities, update-motd, upgrade-helper

amzn-main | 2.1 kB 00:00

amzn-updates | 2.5 kB 00:00

Resolving Dependencies

--> Running transaction check

---> Package docker.x86\_64 0:18.03.1ce-5.0.amzn1 will be installed

--> Processing Dependency: xfsprogs for package: docker-18.03.1ce-5.0.amzn1.x86\_64

--> Processing Dependency: libseccomp.so.2()(64bit) for package: docker-18.03.1ce-5.0.amzn1.x86\_64

--> Processing Dependency: libltdl.so.7()(64bit) for package: docker-18.03.1ce-5.0.amzn1.x86\_64

--> Running transaction check

---> Package libseccomp.x86\_64 0:2.3.1-2.4.amzn1 will be installed

---> Package libtool-ltdl.x86\_64 0:2.4.2-20.4.8.5.32.amzn1 will be installed

---> Package xfsprogs.x86\_64 0:4.5.0-9.21.amzn1 will be installed

--> Finished Dependency Resolution

Dependencies Resolved

================================================================================

Package Arch Version Repository Size

================================================================================

Installing:

docker x86\_64 18.03.1ce-5.0.amzn1 amzn-updates 40 M

Installing for dependencies:

libseccomp x86\_64 2.3.1-2.4.amzn1 amzn-main 79 k

libtool-ltdl x86\_64 2.4.2-20.4.8.5.32.amzn1 amzn-main 51 k

xfsprogs x86\_64 4.5.0-9.21.amzn1 amzn-main 1.7 M

Transaction Summary

================================================================================

Install 1 Package (+3 Dependent packages)

Total download size: 42 M

Installed size: 141 M

Downloading packages:

(1/4): libtool-ltdl-2.4.2-20.4.8.5.32.amzn1.x86\_64.rpm | 51 kB 00:00

(2/4): libseccomp-2.3.1-2.4.amzn1.x86\_64.rpm | 79 kB 00:00

(3/4): xfsprogs-4.5.0-9.21.amzn1.x86\_64.rpm | 1.7 MB 00:00

(4/4): docker-18.03.1ce-5.0.amzn1.x86\_64.rpm | 40 MB 00:15

--------------------------------------------------------------------------------

Total 2.7 MB/s | 42 MB 00:15

Running transaction check

Running transaction test

Transaction test succeeded

Running transaction

Installing : libseccomp-2.3.1-2.4.amzn1.x86\_64 1/4

Installing : libtool-ltdl-2.4.2-20.4.8.5.32.amzn1.x86\_64 2/4

Installing : xfsprogs-4.5.0-9.21.amzn1.x86\_64 3/4

Installing : docker-18.03.1ce-5.0.amzn1.x86\_64 4/4

Verifying : xfsprogs-4.5.0-9.21.amzn1.x86\_64 1/4

Verifying : libtool-ltdl-2.4.2-20.4.8.5.32.amzn1.x86\_64 2/4

Verifying : docker-18.03.1ce-5.0.amzn1.x86\_64 3/4

Verifying : libseccomp-2.3.1-2.4.amzn1.x86\_64 4/4

Installed:

docker.x86\_64 0:18.03.1ce-5.0.amzn1

Dependency Installed:

libseccomp.x86\_64 0:2.3.1-2.4.amzn1

libtool-ltdl.x86\_64 0:2.4.2-20.4.8.5.32.amzn1

xfsprogs.x86\_64 0:4.5.0-9.21.amzn1

Complete!

[ec2-user@ip-172-31-83-110 ~]$ sudo service docker start

Starting cgconfig service: [ OK ]

Starting docker: . [ OK ]

[ec2-user@ip-172-31-83-110 ~]$ sudo usermod -a -G docker ec2-user

[ec2-user@ip-172-31-83-110 ~]$ sudo vi dockerfile

[ec2-user@ip-172-31-83-110 ~]$ docker build -t dockerfile .

Got permission denied while trying to connect to the Docker daemon socket at unix:///var/run/docker.sock: Post http://%2Fvar%2Frun%2Fdocker.sock/v1.37/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&session=d7de9ae244c15d0254181177a27f2bfe5bcccf1f9c21f6b6f57f154d78fd92d9&shmsize=0&t=dockerfile&target=&ulimits=null: dial unix /var/run/docker.sock: connect: permission denied

[ec2-user@ip-172-31-83-110 ~]$ sudo docker build -t dockerfile .

Sending build context to Docker daemon 10.75kB

Step 1/3 : FROM frolvlad/alpine-oraclejdk8:slim

slim: Pulling from frolvlad/alpine-oraclejdk8

8e3ba11ec2a2: Pull complete

0a055ae04e9e: Pull complete

19ac8cd008a8: Pull complete

Digest: sha256:05ebcae1120101210ef4bedb0f3ca29909220b90f62e02a58b5c718916116a20

Status: Downloaded newer image for frolvlad/alpine-oraclejdk8:slim

---> b9038ea51d02

Step 2/3 : ADD sample.jar app.jar

---> b6a0dec19a5c

Step 3/3 : ENTRYPOINT java -jar app.jar

---> Running in 2ab0ddb3b00b

Removing intermediate container 2ab0ddb3b00b

---> 8f62b38adb3d

Successfully built 8f62b38adb3d

Successfully tagged dockerfile:latest

[ec2-user@ip-172-31-83-110 ~]$ docker run dockerfile

docker: Got permission denied while trying to connect to the Docker daemon socket at unix:///var/run/docker.sock: Post http://%2Fvar%2Frun%2Fdocker.sock/v1.37/containers/create: dial unix /var/run/docker.sock: connect: permission denied.

See 'docker run --help'.

[ec2-user@ip-172-31-83-110 ~]$ sudo docker run dockerfile

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Docker sample program

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[ec2-user@ip-172-31-83-110 ~]$