

Docker Installation Workaround for Redhat (Not For Production)

```
# pre-requisite for container-selinux-2.9-4.el7.noarch.rpm
sudo yum install policycoreutils-python
```

```
wget http://mirror.centos.org/centos/7/extras/x86_64/Packages/container-selinux-2.9-4.el7.noarch.rpm
sudo rpm -i container-selinux-2.9-4.el7.noarch.rpm
```

```
#Set up the Docker CE repository on RHEL:
sudo yum install -y yum-utils
sudo yum install -y device-mapper-persistent-data lvm2
sudo yum-config-manager --enable rhel-7-server-extras-rpms
sudo yum-config-manager --add-repo https://download.docker.com/linux/centos/docker-ce.repo
sudo yum makecache fast
```

```
# Install the latest version of Docker CE on RHEL:
sudo yum -y install docker-ce
```

```
#Start Docker:
sudo systemctl start docker
```

```
#Test your Docker CE installation:
sudo docker run hello-world
```

```
# configure Docker to start on boot
sudo systemctl enable docker
```

RHEL is supported by docker-ee. If you want ce try above commands or install older version of docker.

```
[ec2-user@ip-172-31-25-111 ~]$ sudo docker run -v /home/ec2-user:/ec2-user -it ubuntu:14.04 /bin/bash
Unable to find image 'ubuntu:14.04' locally
14.04: Pulling from library/ubuntu
bae382666908: Pull complete
29ede3c02ff2: Pull complete
da4e69f33106: Pull complete
8d43e5f5d27f: Pull complete
b0de1abb17d6: Pull complete
Digest: sha256:a43e5036b066ded9088acecf35f702794d83014efea12eb74b1e85ce17371824
Status: Downloaded newer image for ubuntu:14.04
root@907f2f3a5adc:/# df -h
Filesystem      Size  Used Avail Use% Mounted on
overlay          10G   1.5G   8.6G  15% /
tmpfs            496M   0    496M   0% /dev
tmpfs            496M   0    496M   0% /sys/fs/cgroup
/dev/xvda2       10G   1.5G   8.6G  15% /ec2-user
shm              64M   0     64M   0% /dev/shm
tmpfs            496M   0    496M   0% /sys/firmware
root@907f2f3a5adc:/# |
```

Let us check docker volumes by inspect command

```
    },
    "Mounts": [
      {
        "Type": "bind",
        "Source": "/home/ec2-user",
        "Destination": "/ec2-user",
        "Mode": "",
        "RW": true,
        "Propagation": "rprivate"
      }
    ],
```