Hey guys. I have made this document to support the right education agenda.

This is to just to install the devOPs or Docker in your linux OS. If you don't have Linus OS, you can get that one for free from AMAzonaws.com and can use that one in putty(SSH client)

IF you want the pre requisite for that

I will add that one

How to create AWS account into

RAEDME file or you can directly go to my github account and you can just view those needed repo's.

It will just take 10 -15 min overall. I have also attached the screenshot of ech step below for more convenience.

1st : Configure yum:

See this video of 5 min: https://youtu.be/dn26h2c2jvk

It works fine for me and will do for u too.

Now all the steps to be performed in root folder:

 # curl -sSl https://get.docker.com | sh

 # cd /etc/yum.repos.d/

 # ls

 # gedit docker.repo

Code to be written in editor:

[docker]

Baseurl = https://dowload.docker.com/linux/centos/7/x86_64/stable

gpgcheck=0

#cd: to come to root directory

yum install docker-ce --nobest : select y when asked

rpm -q docker-ce

systemctl start docker

Done…………

#docker pull centos:7

This will download the file of the centos and u can do iiec_rise session 10 using centos instead of ubuntu.

```
[root@localhost ~]# curl -sSl https://get.docker.com | sh
# Executing docker install script, commit: 26ff363bcf3b3f5a00498ac43694bf1c7d9ce
16c
+ sh -c 'yum install -y -q yum-utils'
+ sh -c 'yum-config-manager --add-repo https://download.docker.com/linux/rhel/do
cker-ce.repo'
Updating Subscription Management repositories.
Unable to read consumer identity
This system is not registered to Red Hat Subscription Management. You can use su
oscription-manager to register.
Repository 'docker' is missing name in configuration, using id.
Repository 'dvd1' is missing name in configuration, using id.
Repository 'dvd2' is missing name in configuration, using id.
Adding repo from: https://download.docker.com/linux/rhel/docker-ce.repo
+ '[' stable '!=' stable ']'
+ sh -c 'yum makecache'
Updating Subscription Management repositories.
Unable to read consumer identity
This system is not registered to Red Hat Subscription Management. You can use su
oscription-manager to register.
Repository 'docker' is missing name in configuration, using id.
Repository 'dvd1' is missing name in configuration, using id.
```

```
   - package containerd.io-1.2.6-3.3.el7.x86_64 is excluded
[root@localhost ~]# cd /etc/yum.repos.d/
[root@localhost yum.repos.d]# ls
docker-ce.repo  docker.repo  my.repo  redhat.repo
[root@localhost yum.repos.d]# gedit docker.repo
[root@localhost yum.repos.d]# cat docker.repo
[docker]
baseurl=https://download.docker.com/linux/centos/7/x86_64/stable/
gpgcheck=0
[root@localhost yum.repos.d]# yum install docker-ce --nobest
4Updating Subscription Management repositories.
Unable to read consumer identity
This system is not registered to Red Hat Subscription Management. You can use su
bscription-manager to register.
Repository 'docker' is missing name in configuration, using id.
Repository 'dvd1' is missing name in configuration, using id.
Repository 'dvd2' is missing name in configuration, using id.
Docker CE Stable - x86_64                          245  B/s | 381  B     00:01
docker                                             3.2 kB/s | 3.5 kB     00:01
Failed to synchronize cache for repo 'docker-ce-stable', ignoring this repo.
Dependencies resolved.
```

```
[root@localhost yum.repos.d]# rpm -q docker-ce
docker-ce-18.09.1-3.el7.x86_64
[root@localhost yum.repos.d]# systemctl start docker
[root@localhost yum.repos.d]# systemctl status docker
● docker.service - Docker Application Container Engine
   Loaded: loaded (/usr/lib/systemd/system/docker.service; disabled; vendor pres
et: di>
   Active: active (running) since Sun 2020-09-13 20:00:00 IST; 9min ago
     Docs: https://docs.docker.com
 Main PID: 15496 (dockerd)
    Tasks: 10
   Memory: 30.4M
   CGroup: /system.slice/docker.service
           └─15496 /usr/bin/dockerd -H fd://

Sep 13 19:59:58 localhost.localdomain dockerd[15496]: time="2020-09-13T19:59:58.
666433>
Sep 13 19:59:58 localhost.localdomain dockerd[15496]: time="2020-09-13T19:59:58.
667388>
Sep 13 19:59:58 localhost.localdomain dockerd[15496]: time="2020-09-13T19:59:58.
```

```
[root@localhost yum.repos.d]# docker pull centos:7
7: Pulling from library/centos
75f829a71a1c: Pull complete

Digest: sha256:19a79828ca2e505eaee0ff38c2f3fd9901f4826737295157cc5212b7a372cd2b
Status: Downloaded newer image for centos:7
docker.io/library/centos:7
[root@localhost yum.repos.d]# docker images
REPOSITORY              TAG                 IMAGE ID            CREATED
SIZE
centos                  7                   7e6257c9f8d8        4 weeks ago
203MB
```

ThAt's it for installation part

View the youtube link video for clearity.