Lab Setup

1.Download Oracle Virtual box

2. https://www.virtualbox.org/wiki/Download\_Old\_Builds\_6\_0

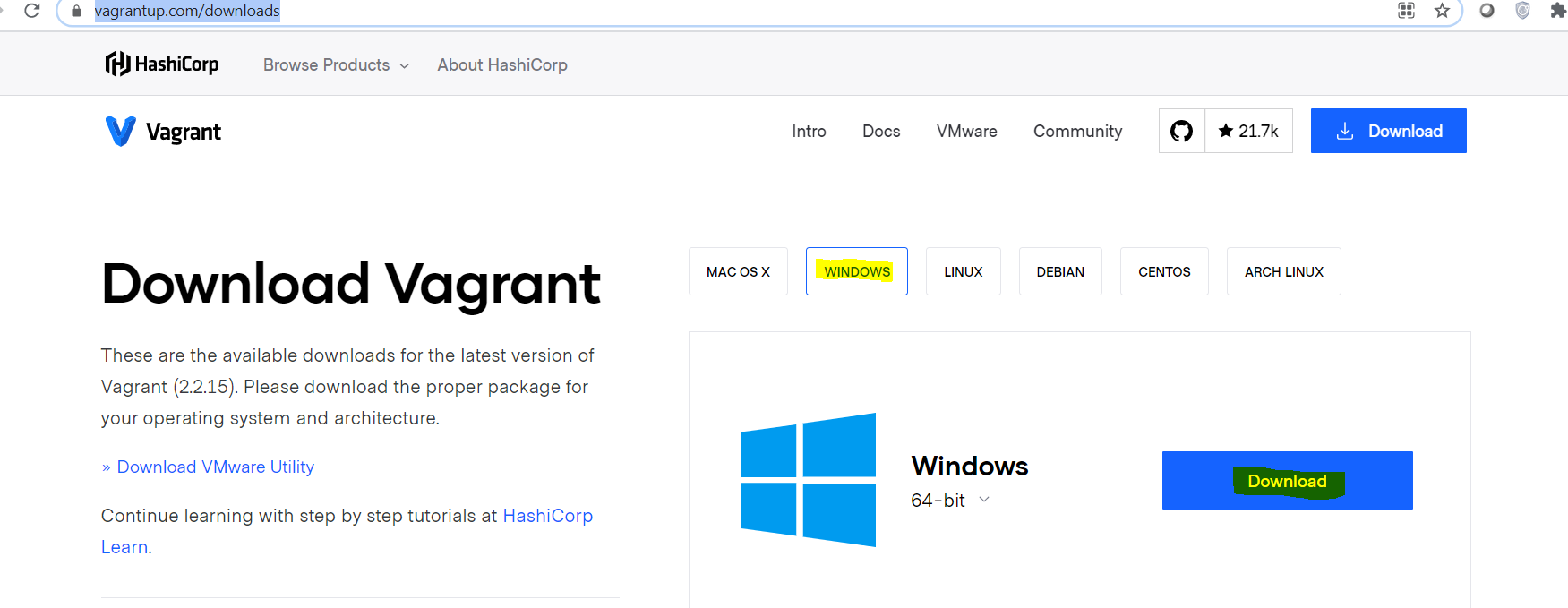


VirtualBox-6.0.24-139119-Win

Then install the Oracle virtual box then restart the laptop.

3.Download vagrant

<https://www.vagrantup.com/downloads> then Install the vagrant in the laptop then restart the laptop.



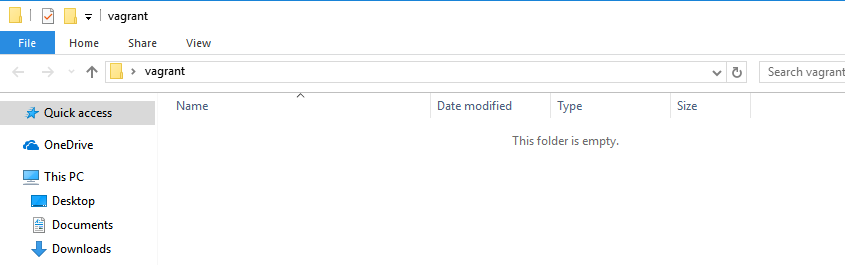
Then check the vagrant properly installed or not and check vagrant version.

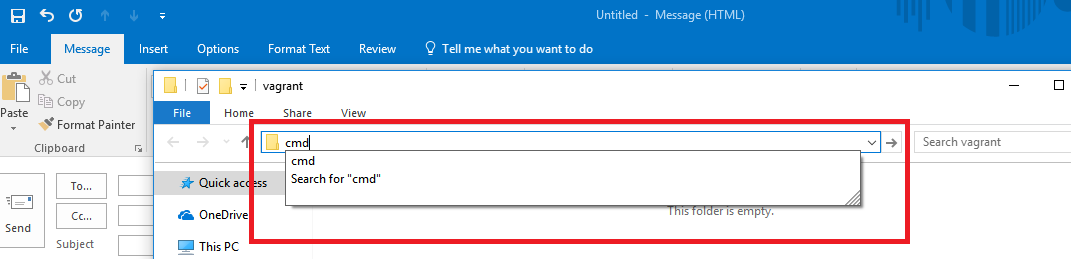
Open the cmd prompt execute the below command

vagrant -v



4.Goto desktop and create one empty folder name it as vagrant and click on the path and open cmd.





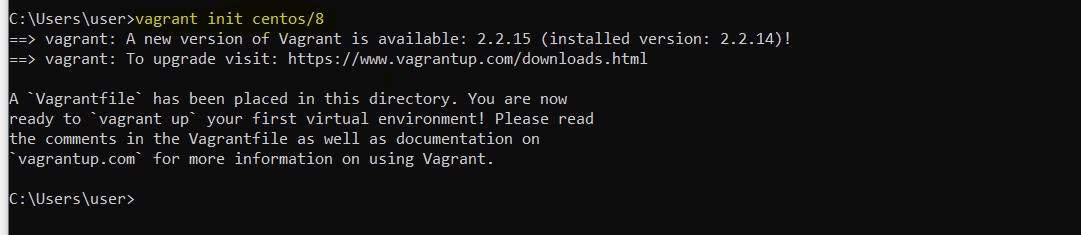
6. Run the command in vagrant folder in command prompt

For CentOs box

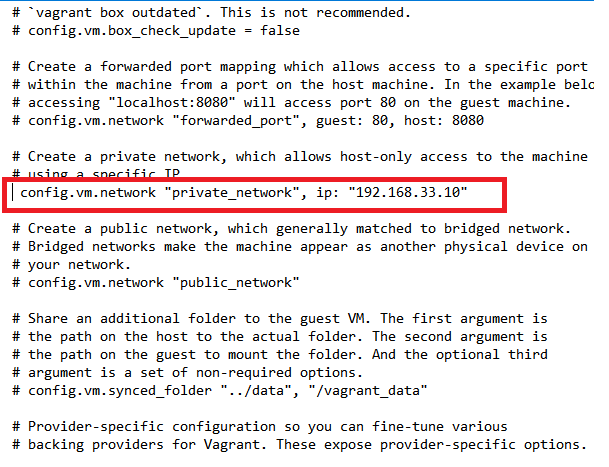
Vagrant init centos/8 or vagrant init bento/centos-8

For Ubuntu Box

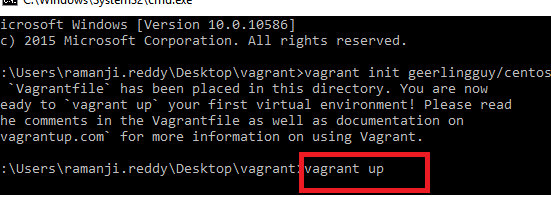
Vagrant init bento/ubuntu-18.04



7. After that you will get the below file then open that file in notepad go to 29th line and remove the # and save the file.

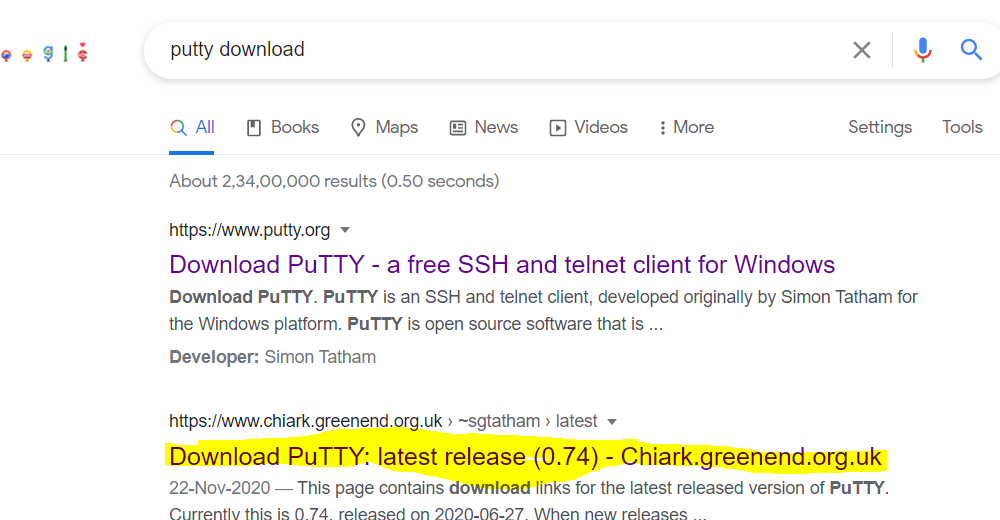


8. Now goto same command prompt and run the command vagrant up



9.It will take 5 to 10 min may be in that process you will get the error like connection time out error that is not issue that is default error please wait to complete the process.

10.Once it is done go to google and download putty click 1st option



11. click on Putty here.

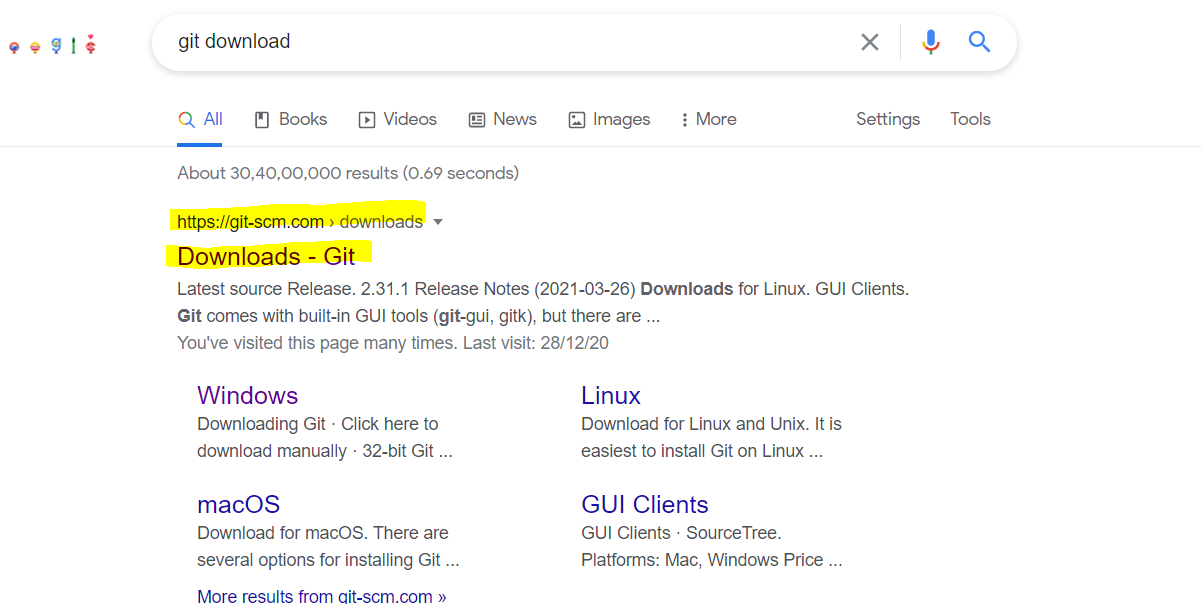


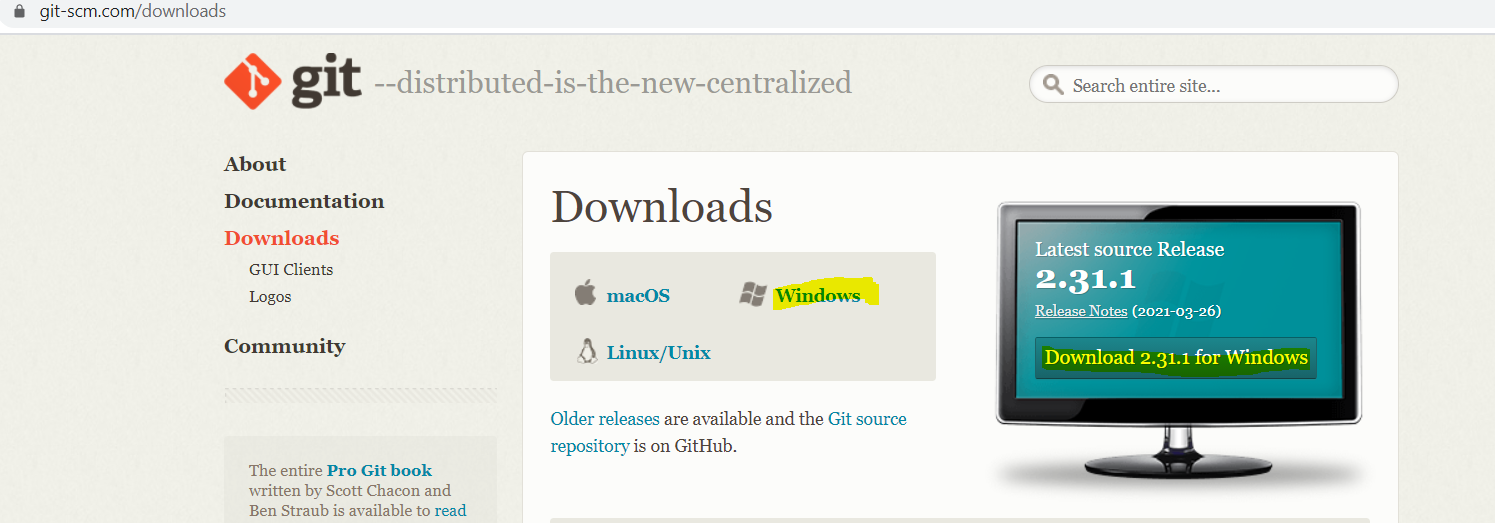
11. Go to putty login : 192.168.33.10 user name : vagrant password : vagrant

GIT installation:

Go to google and search git download and go to link

<https://git-scm.com/downloads> click on windows

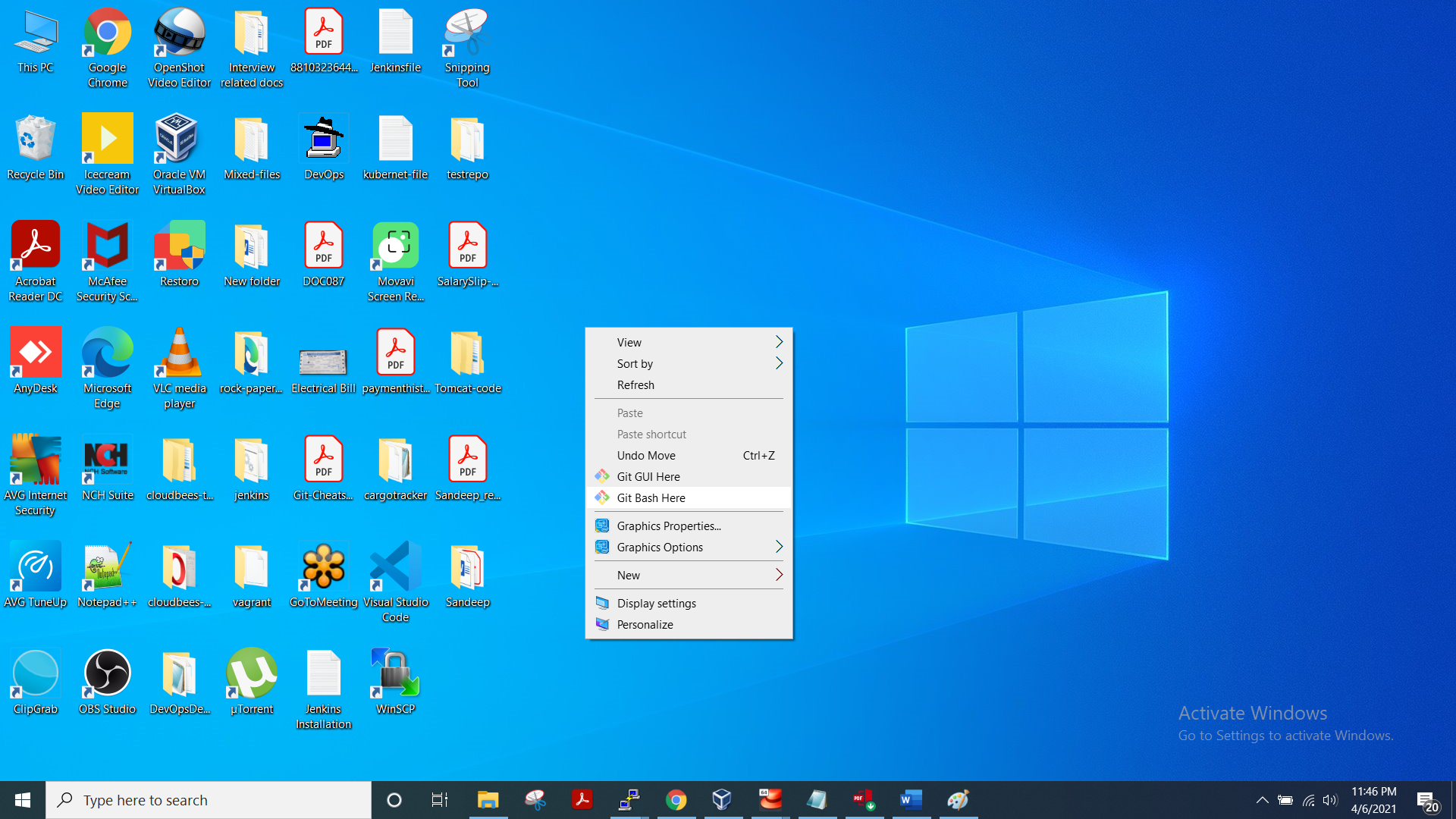




[Git-2.31.1-64-bit.exe](https://github-releases.githubusercontent.com/23216272/212f2d80-8eef-11eb-8d96-348135754fca?X-Amz-Algorithm=AWS4-HMAC-SHA256&X-Amz-Credential=AKIAIWNJYAX4CSVEH53A%2F20210406%2Fus-east-1%2Fs3%2Faws4_request&X-Amz-Date=20210406T181101Z&X-Amz-Expires=300&X-Amz-Signature=5811a08a0f115e17c257f6830311d0c9d50972f0099580e64164d3450babdcb1&X-Amz-SignedHeaders=host&actor_id=0&key_id=0&repo_id=23216272&response-content-disposition=attachment%3B%20filename%3DGit-2.31.1-64-bit.exe&response-content-type=application%2Foctet-stream) Download the git and install the git in your laptop.

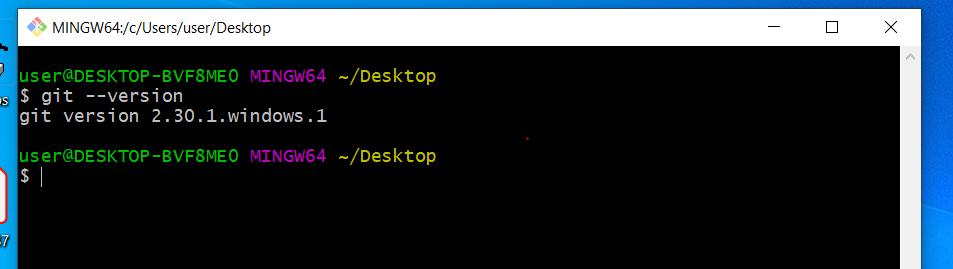
Once install the git check the git is properly installed or not

Go to desktop right click then see the GitBash here then click on GitBash here



Then it will open the command prompt then check the git version by using below command

Git –version

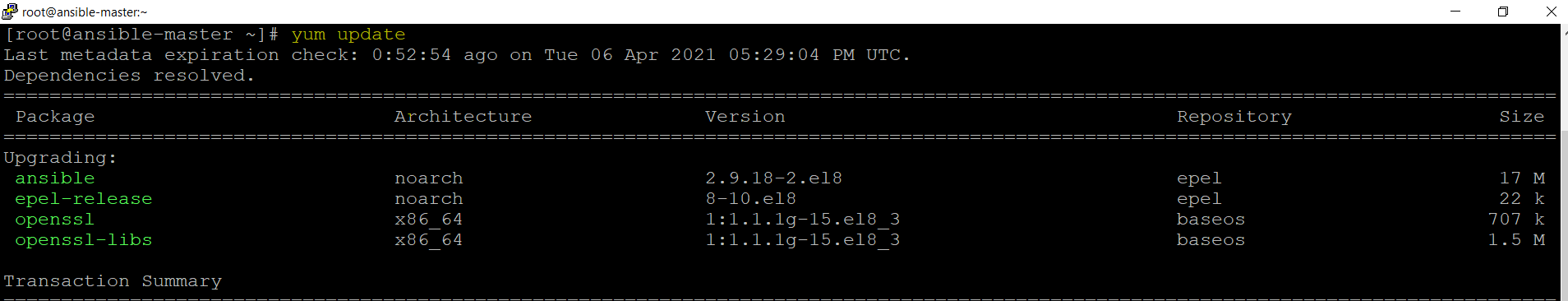


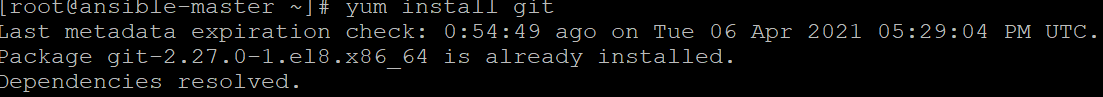
Installing the Git in CentOs box

Open the terminal and run the below commands

# Yum update (once done the update)

# Yum install git





Then check the git version

Git –version



2.SVN installation :

Go to google and search bitnami subversion and go to link

<https://bitnami.com/stack/subversion/installer>

https://bitnami.com/redirect/to/1351845/bitnami-subversion-1.14.1-1-linux-x64-installer.run

Now right click on svn and click on copy address link.

Now go to putty run the command:

wget https://bitnami.com/redirect/to/1351845/bitnami-subversion-1.14.1-1-linux-x64-installer.run .

Run the commands

ls -l

copy the file: bitnami-subversion-1.14.1-1-linux-x64-installer.run

run the command

./ bitnami-subversion-1.14.1-1-linux-x64-installer.run

Then it showing perssion error so you need to run the below command

chmod 777 bitnami-subversion-1.14.1-1-linux-x64-installer.run

Run the command : ls -l

./ bitnami-subversion-1.14.1-1-linux-x64-installer.run

Click on enter two times

run the command ls -l

cd subversion-1.14.1-1

ls -l

sh ctlscript.sh

sh ctlscript.sh status

Go to browser http://192.168.33.10:8080/subversion/

Svn Client installation :

Go to google and search subversion download

https://subversion.apache.org/download.cgi go to binary packages

https://subversion.apache.org/packages.html

once page will open go down select windows

https://sourceforge.net/projects/win32svn/

1. go to build 2

build afer other projet - build1

Go to build 3

build afer other projet - build 2