

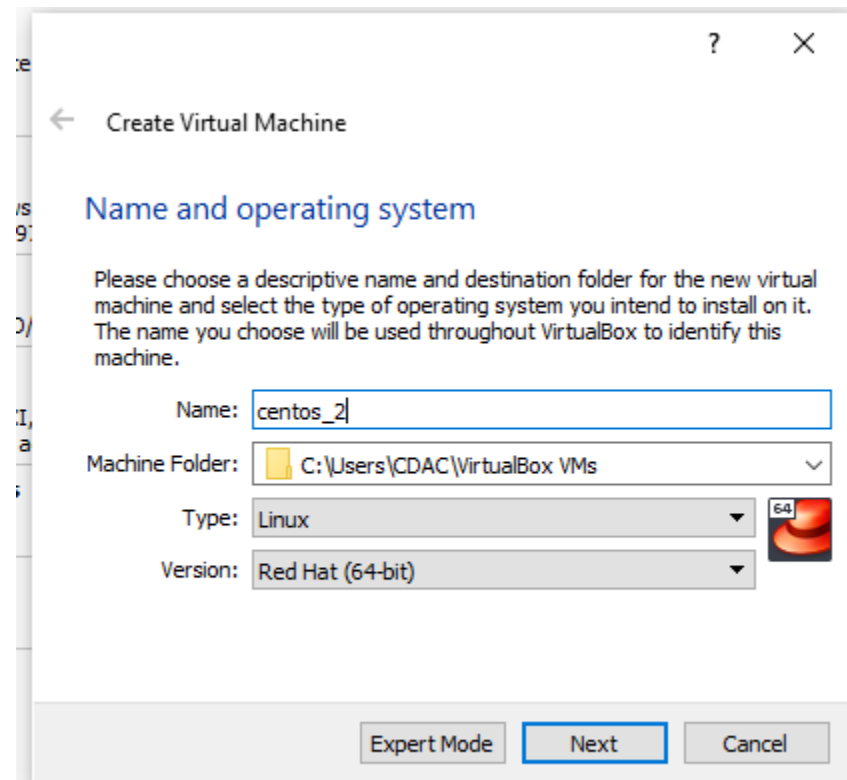
Assignment :- 04
COSA

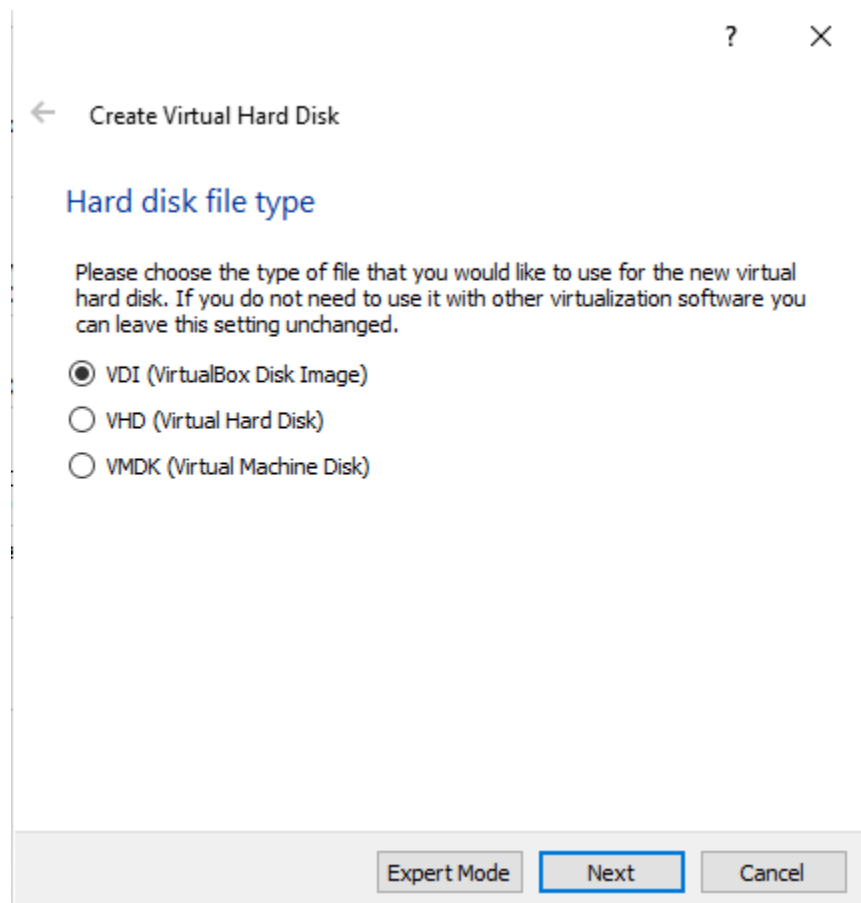
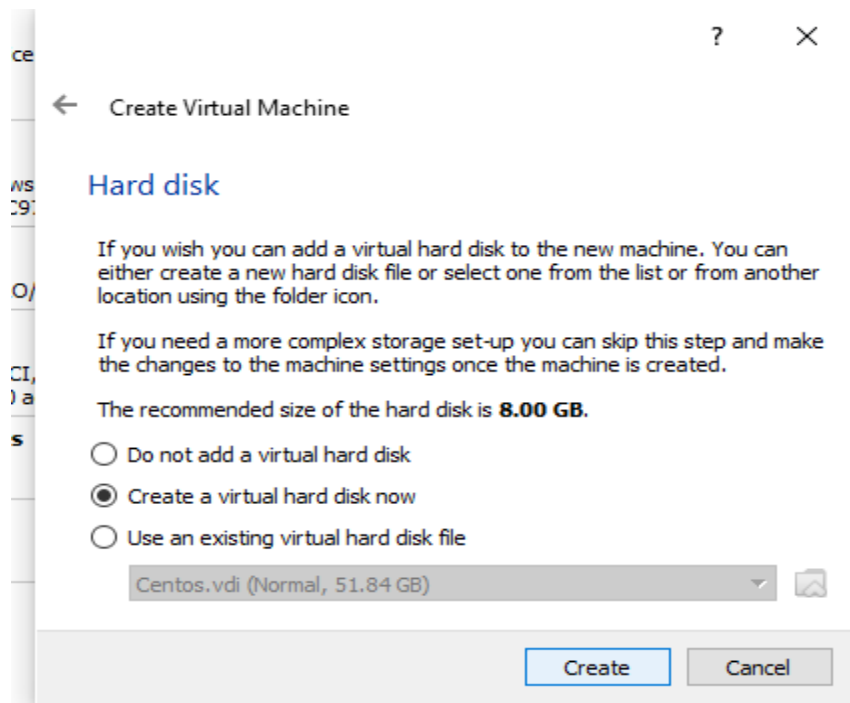
User Administration VNC and KickStart Installation User Administration VNC and KickStart Installation

Prithviraj Nikam

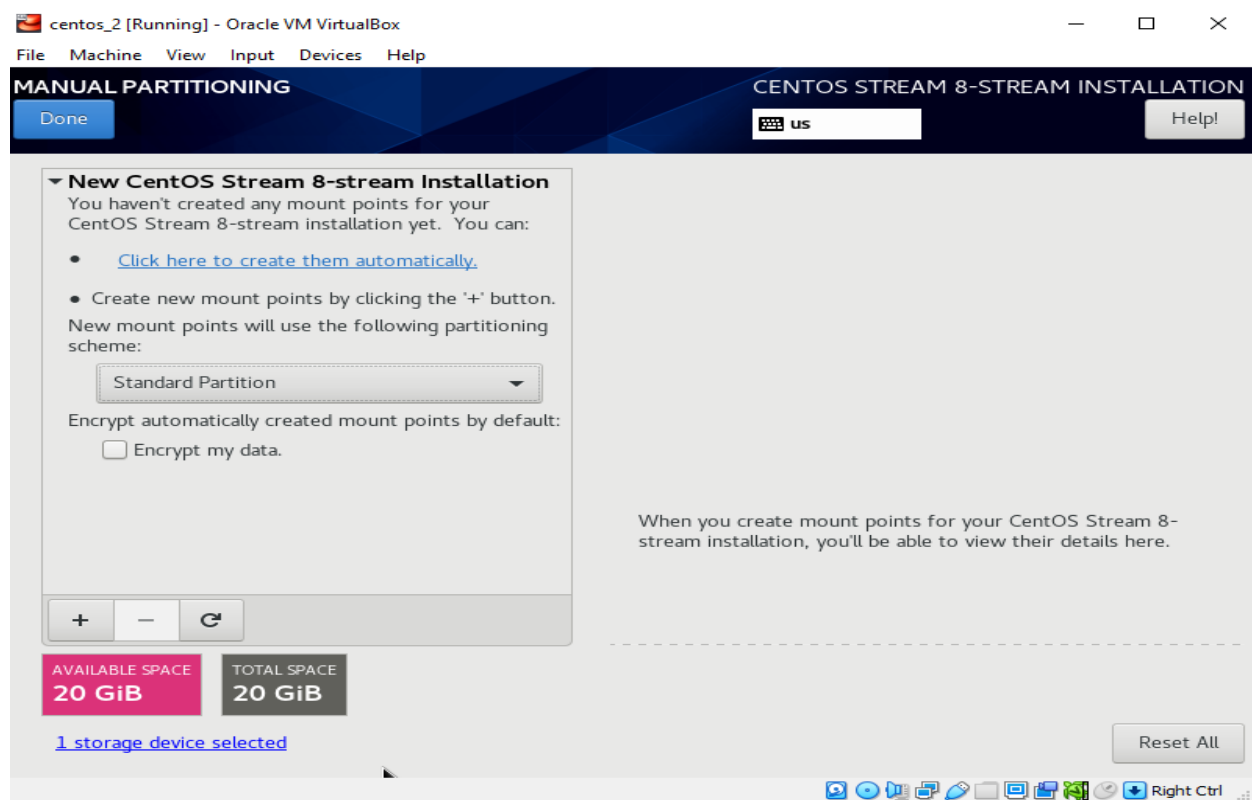
8. Install ftp server on your centos system and configure ks.cfg file. Install centos 8 using kickstart installation method

Step-1:- Create New CentOS

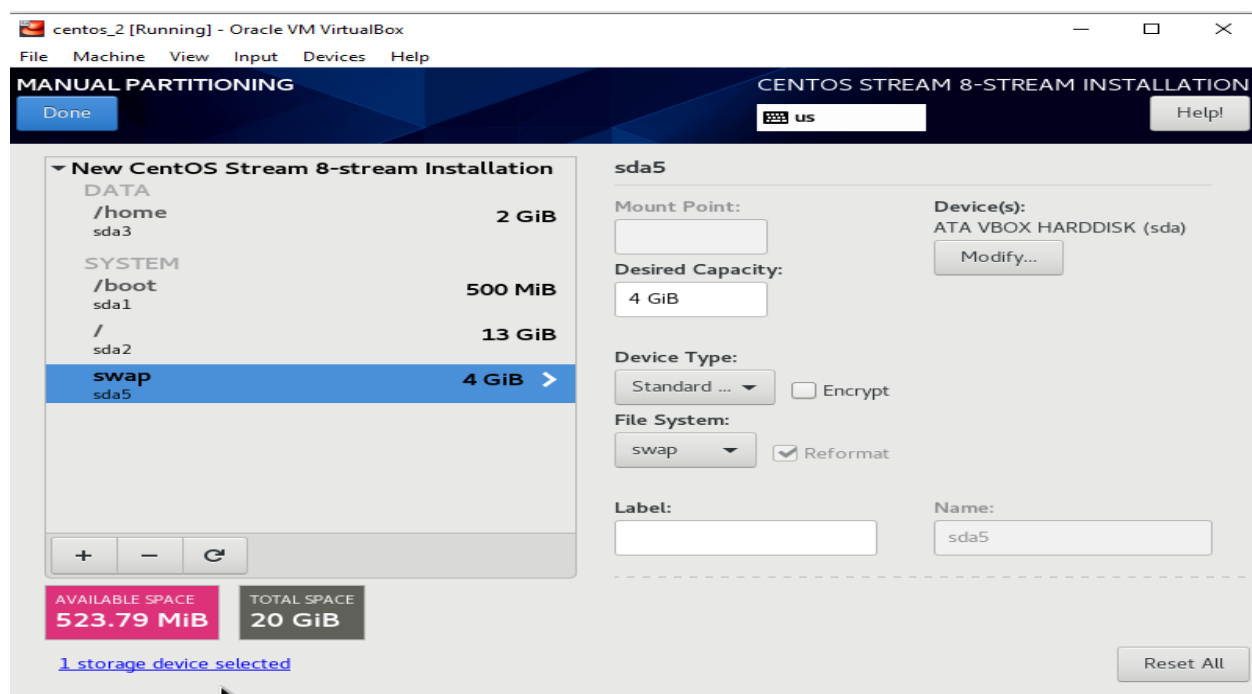




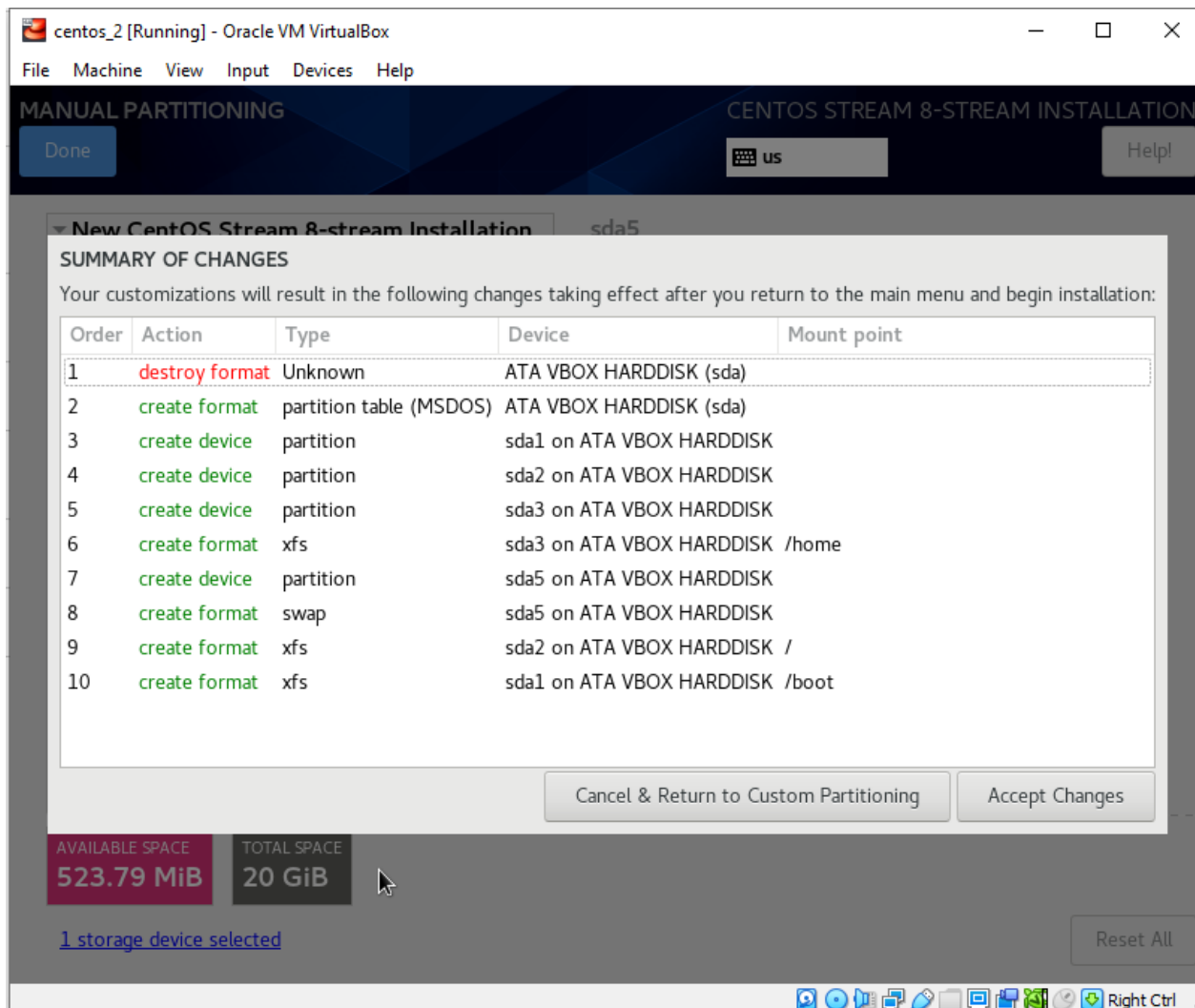
Select standard partition



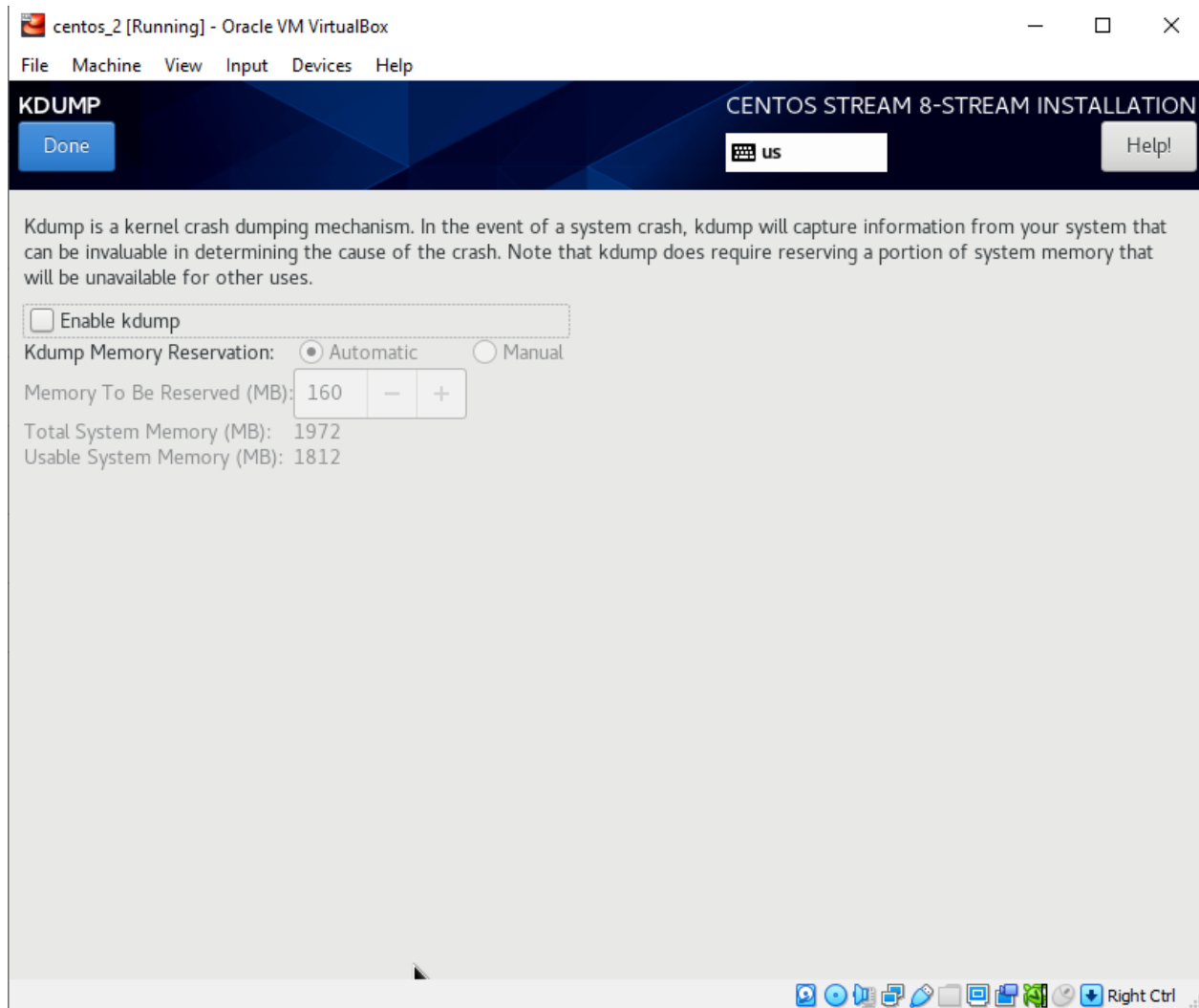
Step-3:- provide / =10GB , /boot = 2GB , /home = 500MB ,/swap = 4GB



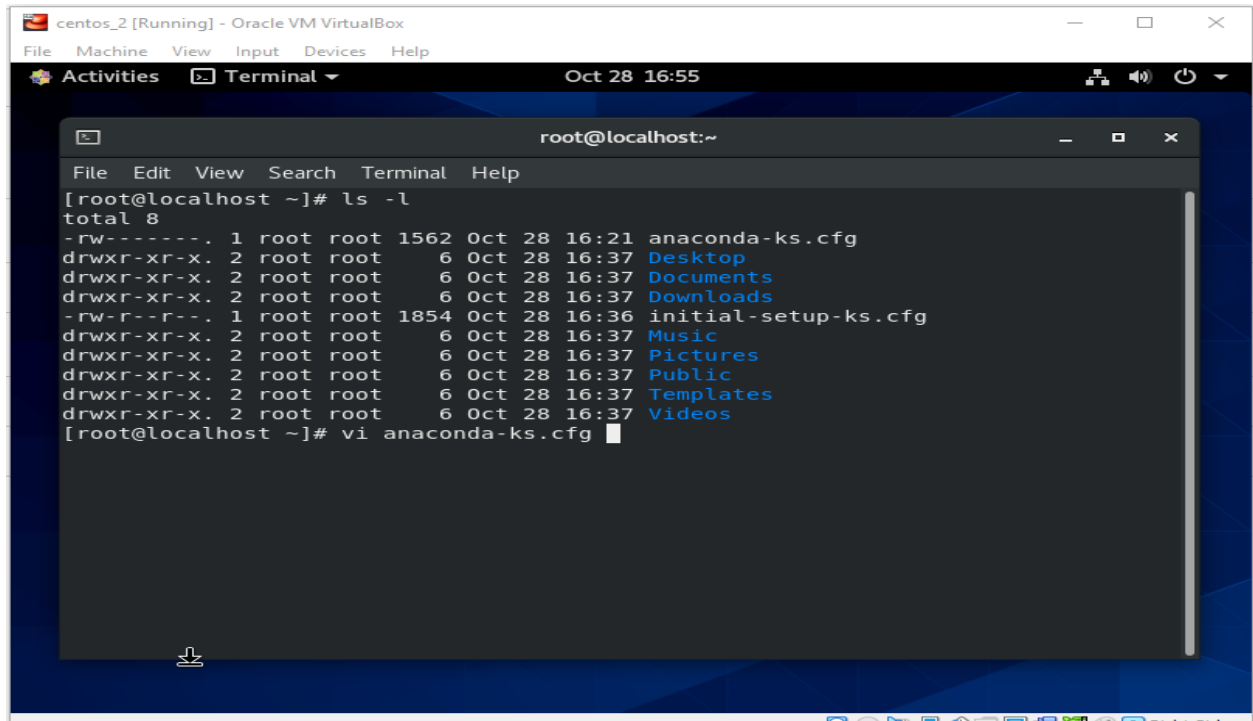
Accept challenge



Enable Kdump



Step-4:- To check all directory and file

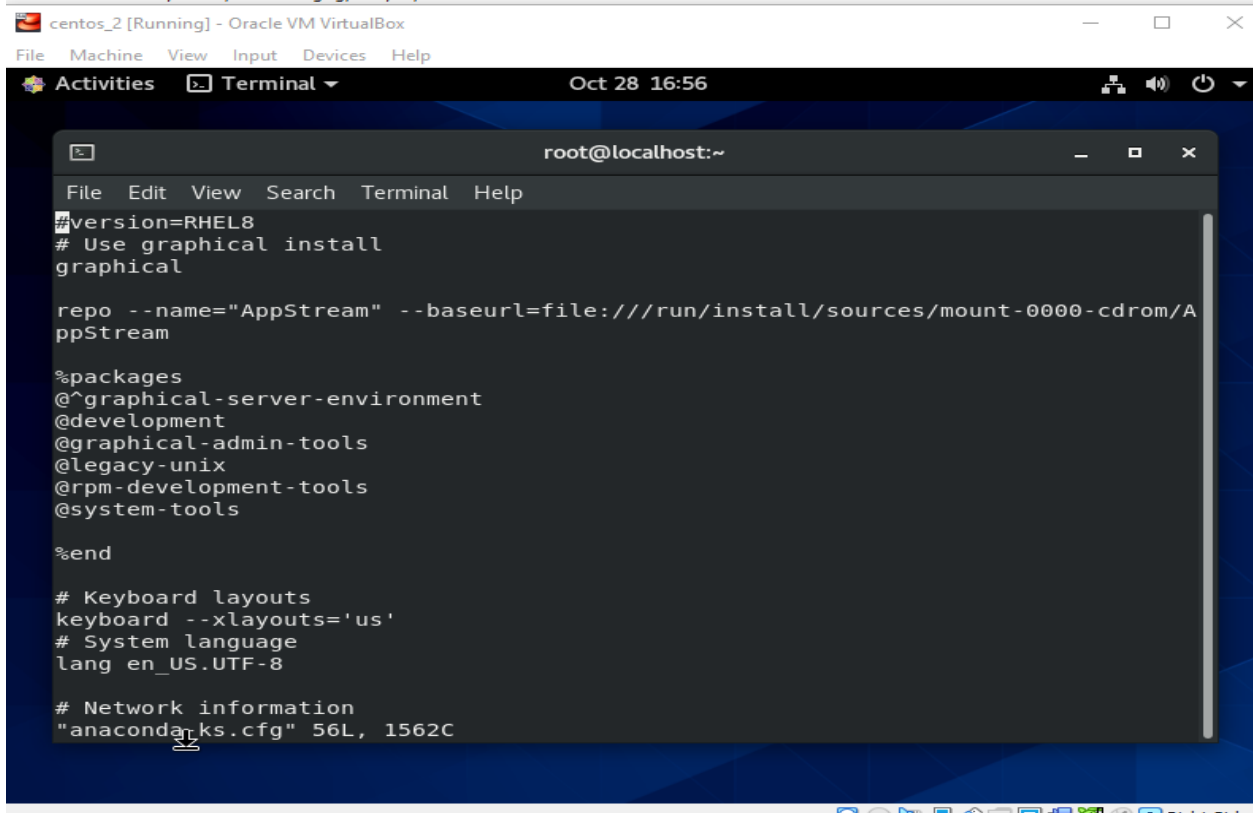


centos_2 [Running] - Oracle VM VirtualBox

File Machine View Input Devices Help

Activities Terminal Oct 28 16:55

```
root@localhost:~  
File Edit View Search Terminal Help  
[root@localhost ~]# ls -l  
total 8  
-rw-----. 1 root root 1562 Oct 28 16:21 anaconda-ks.cfg  
drwxr-xr-x. 2 root root 6 Oct 28 16:37 Desktop  
drwxr-xr-x. 2 root root 6 Oct 28 16:37 Documents  
drwxr-xr-x. 2 root root 6 Oct 28 16:37 Downloads  
-rw-r--r--. 1 root root 1854 Oct 28 16:36 initial-setup-ks.cfg  
drwxr-xr-x. 2 root root 6 Oct 28 16:37 Music  
drwxr-xr-x. 2 root root 6 Oct 28 16:37 Pictures  
drwxr-xr-x. 2 root root 6 Oct 28 16:37 Public  
drwxr-xr-x. 2 root root 6 Oct 28 16:37 Templates  
drwxr-xr-x. 2 root root 6 Oct 28 16:37 Videos  
[root@localhost ~]# vi anaconda-ks.cfg
```

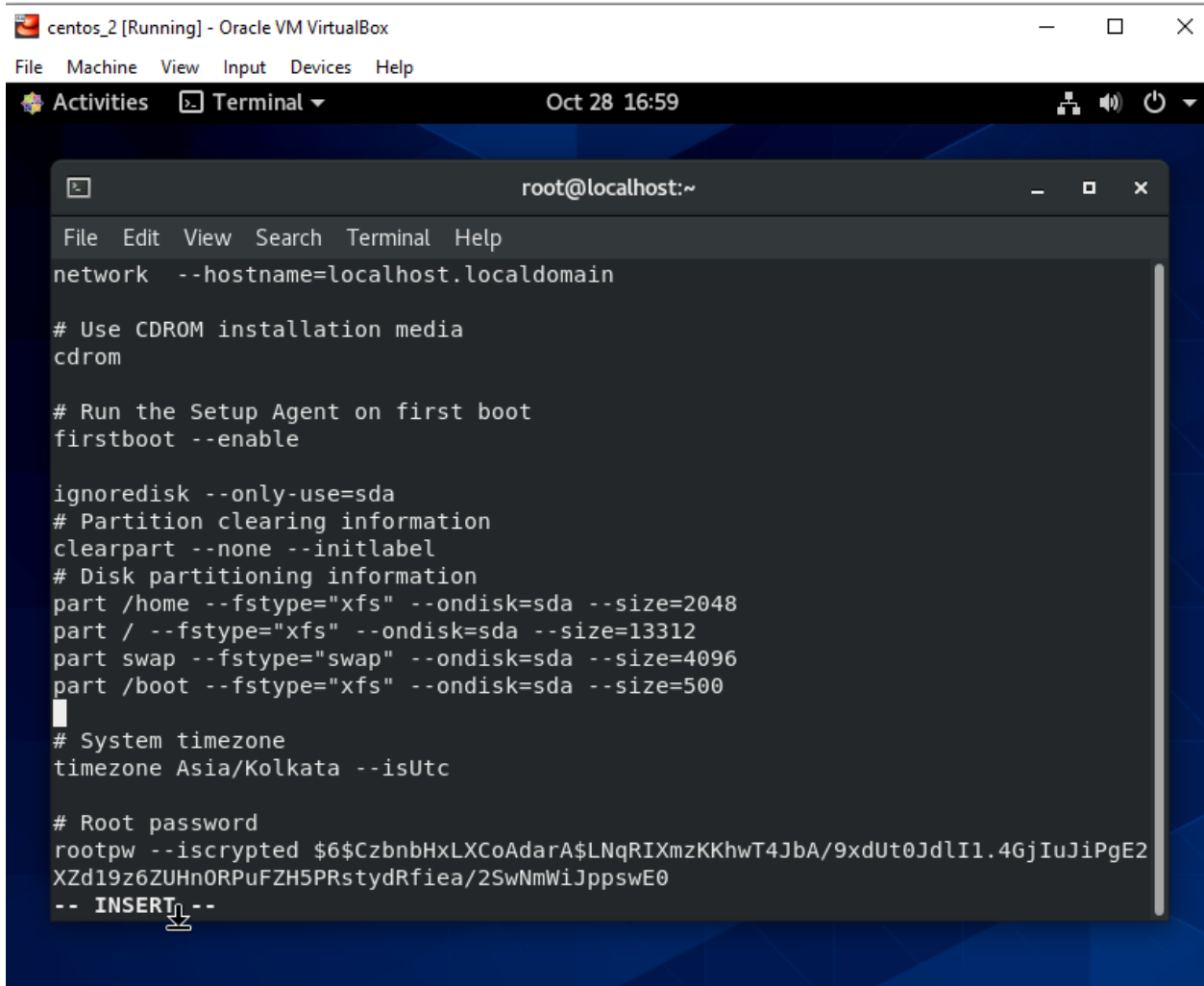


centos_2 [Running] - Oracle VM VirtualBox

File Machine View Input Devices Help

Activities Terminal Oct 28 16:56

```
root@localhost:~  
File Edit View Search Terminal Help  
#version=RHEL8  
# Use graphical install  
graphical  
  
repo --name="AppStream" --baseurl=file:///run/install/sources/mount-0000-cdrom/AppStream  
  
%packages  
@^graphical-server-environment  
@development  
@graphical-admin-tools  
@legacy-unix  
@rpm-development-tools  
@system-tools  
  
%end  
  
# Keyboard layouts  
keyboard --xlayouts='us'  
# System language  
lang en_US.UTF-8  
  
# Network information  
"anaconda-ks.cfg" 56L, 1562C
```



```
centos_2 [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Activities Terminal Oct 28 16:59

root@localhost:~
File Edit View Search Terminal Help
network --hostname=localhost.localdomain

# Use CDROM installation media
cdrom

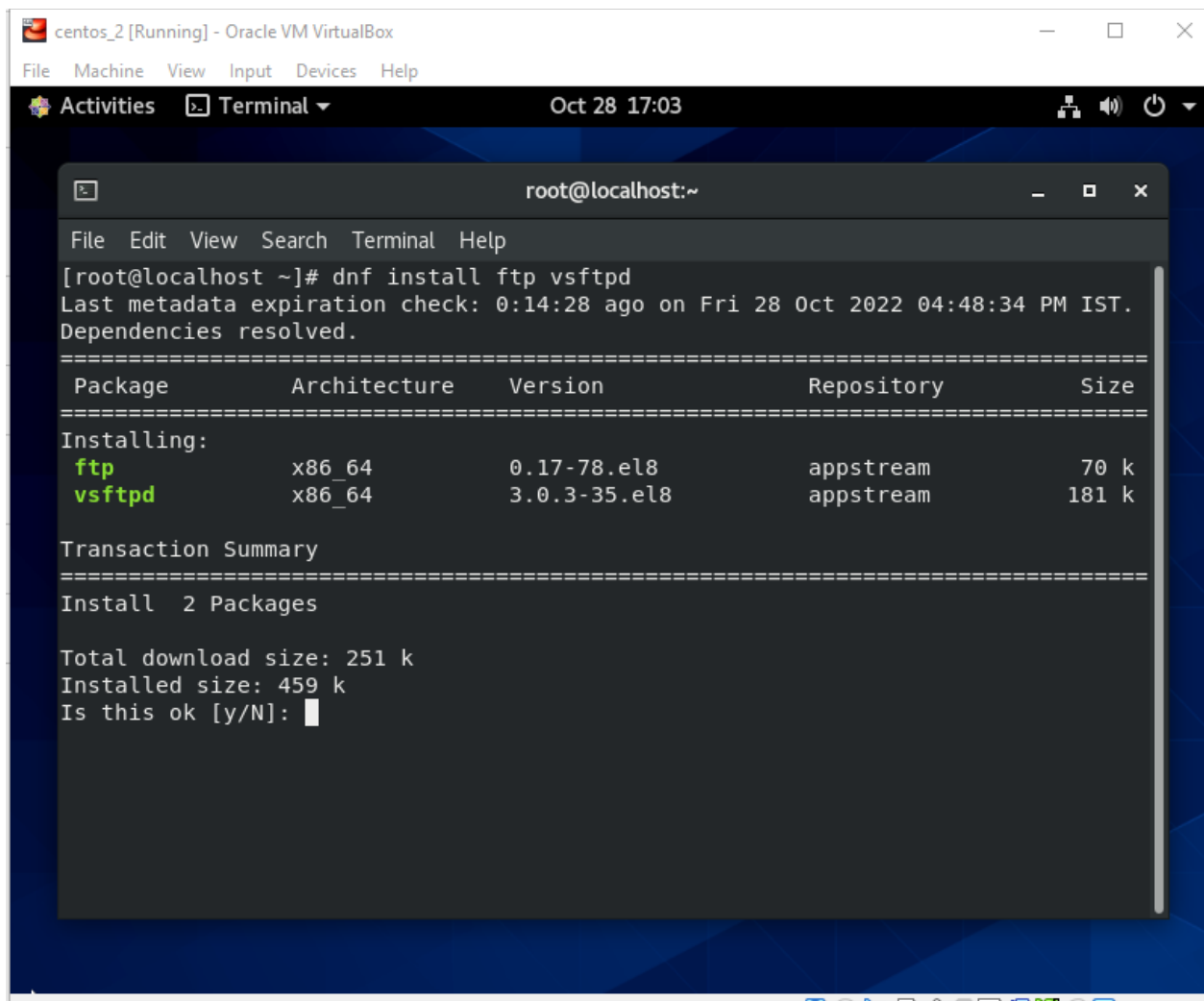
# Run the Setup Agent on first boot
firstboot --enable

ignoredisk --only-use=sda
# Partition clearing information
clearpart --none --initlabel
# Disk partitioning information
part /home --fstype="xfs" --ondisk=sda --size=2048
part / --fstype="xfs" --ondisk=sda --size=13312
part swap --fstype="swap" --ondisk=sda --size=4096
part /boot --fstype="xfs" --ondisk=sda --size=500

# System timezone
timezone Asia/Kolkata --isUtc

# Root password
rootpw --iscrypted $6$CzbnbHxLXCoAdarA$LNqRIXmzKKhwT4JbA/9xdUt0JdlI1.4GjIuJiPgE2
XZd19z6ZUhn0RPuFZH5PRstydrflea/2SwNmWiJppswE0
-- INSERT --
```

Step-5:- install the ftp server through dnf cmd



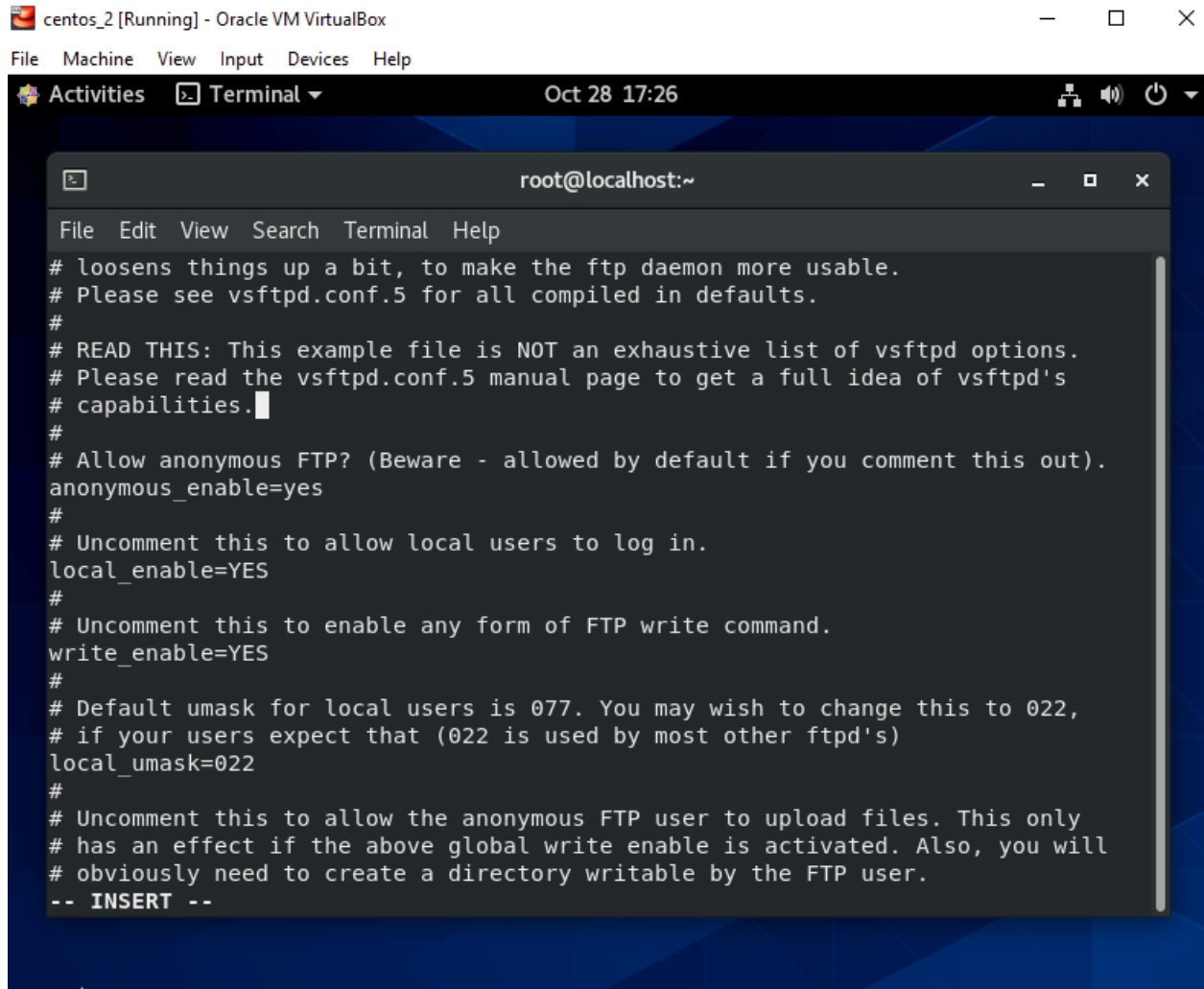
The screenshot shows a terminal window titled "centos_2 [Running] - Oracle VM VirtualBox". The terminal prompt is "root@localhost:~". The user has entered the command "dnf install ftp vsftpd". The output shows the last metadata expiration check, dependencies resolved, and a table of packages to be installed. The table has columns: Package, Architecture, Version, Repository, and Size. The packages listed are ftp (x86_64, 0.17-78.el8, appstream, 70 k) and vsftpd (x86_64, 3.0.3-35.el8, appstream, 181 k). Below the table, a transaction summary shows the installation of 2 packages, a total download size of 251 k, and an installed size of 459 k. The prompt "Is this ok [y/N]:" is displayed at the bottom of the terminal.

```
centos_2 [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Activities Terminal Oct 28 17:03

root@localhost:~
File Edit View Search Terminal Help
[root@localhost ~]# dnf install ftp vsftpd
Last metadata expiration check: 0:14:28 ago on Fri 28 Oct 2022 04:48:34 PM IST.
Dependencies resolved.
=====
Package                Architecture  Version      Repository    Size
=====
Installing:
ftp                    x86_64       0.17-78.el8  appstream     70 k
vsftpd                 x86_64       3.0.3-35.el8 appstream     181 k
=====
Transaction Summary
=====
Install 2 Packages

Total download size: 251 k
Installed size: 459 k
Is this ok [y/N]:
```

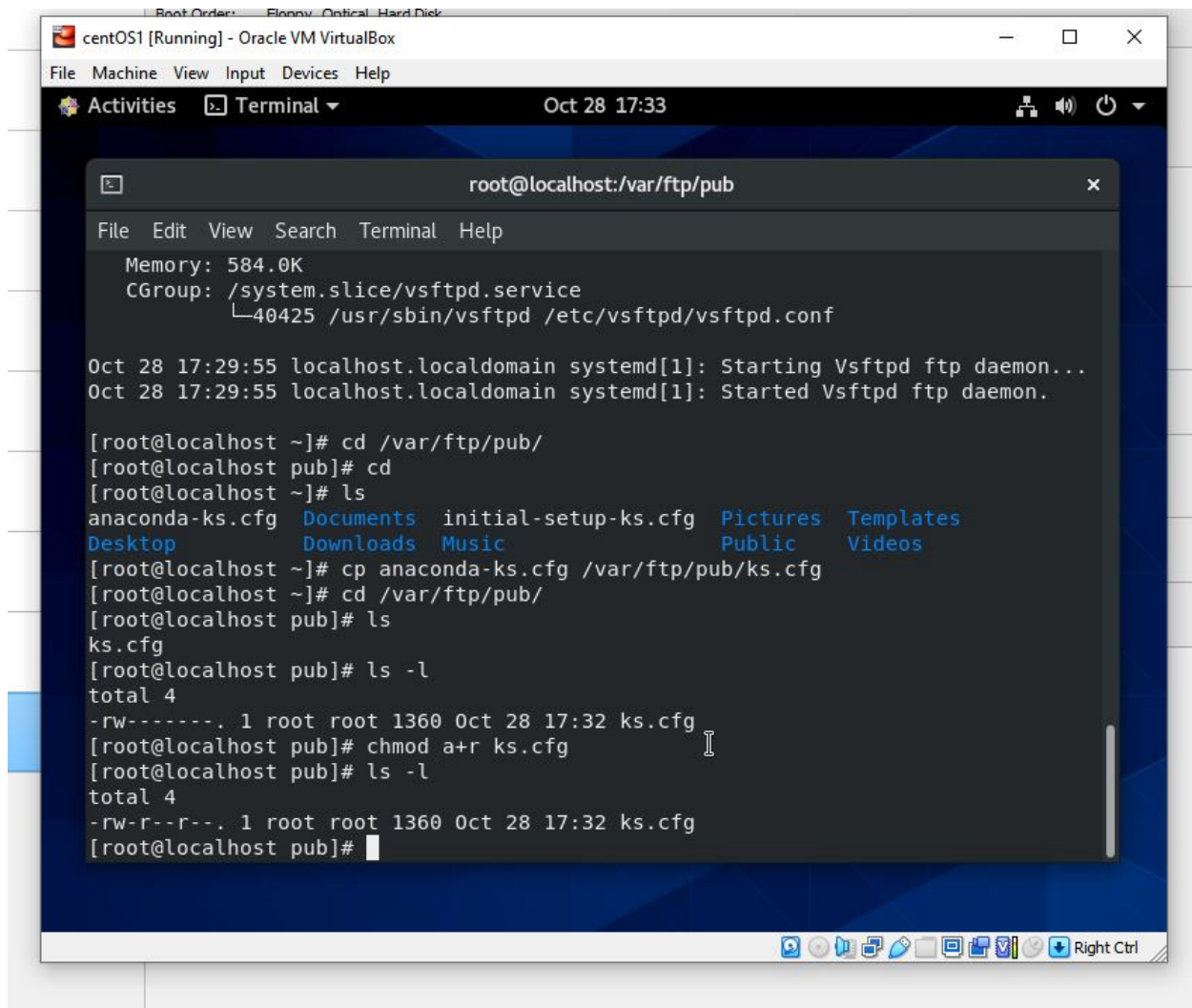
Step-6:- change anonymous_enable= YES , IPv4= YES ,IPv6 = NO



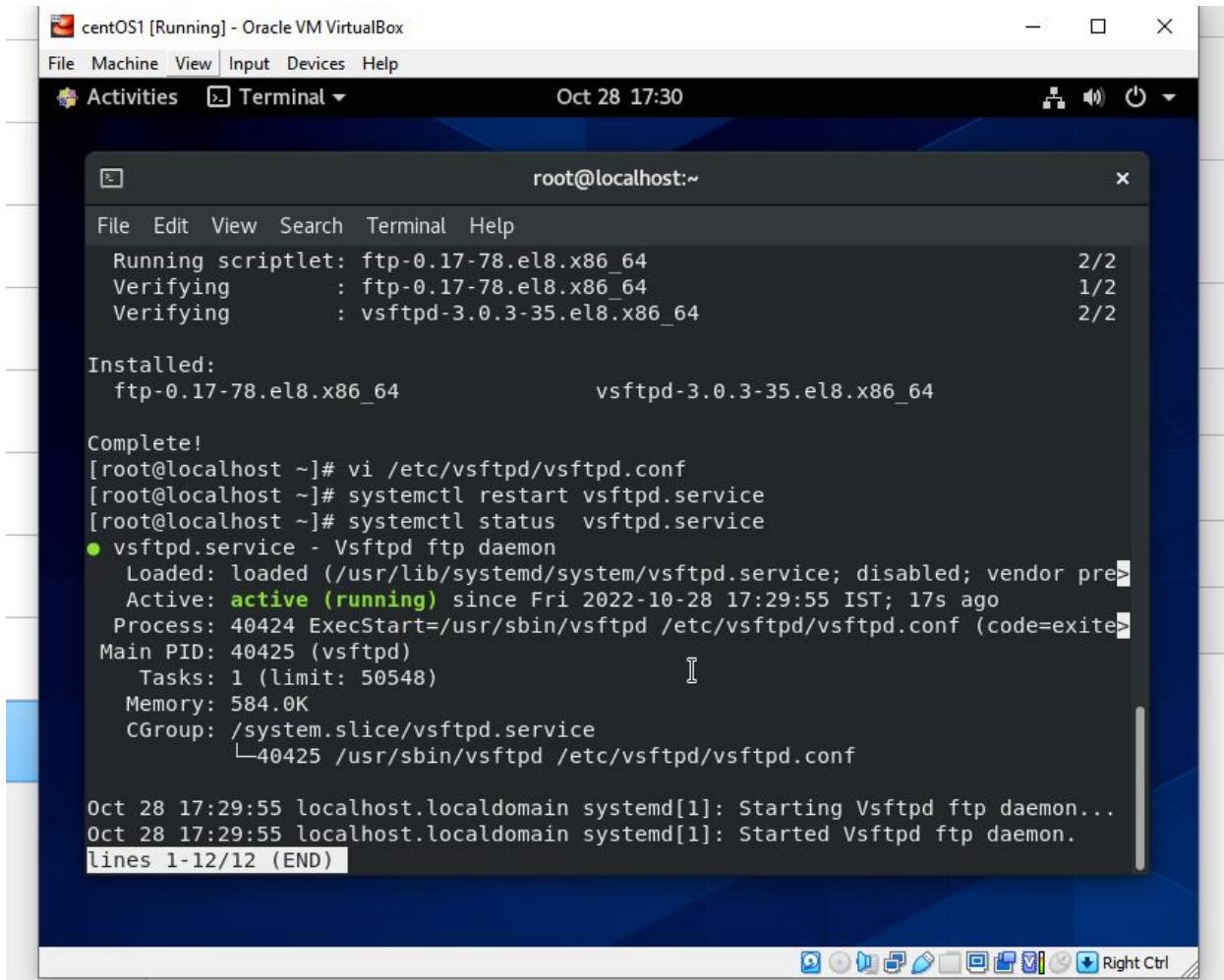
The image shows a screenshot of a virtual machine window titled "centos_2 [Running] - Oracle VM VirtualBox". The window contains a terminal application with a menu bar (File, Edit, View, Search, Terminal, Help) and a title bar "root@localhost:~". The terminal displays the contents of the vsftpd.conf file, which includes comments and configuration options for the vsftpd daemon. The configuration options shown are: anonymous_enable=yes, local_enable=YES, write_enable=YES, local_umask=022, and a comment about allowing anonymous FTP uploads. The terminal text is as follows:

```
File Edit View Search Terminal Help
# loosens things up a bit, to make the ftp daemon more usable.
# Please see vsftpd.conf.5 for all compiled in defaults.
#
# READ THIS: This example file is NOT an exhaustive list of vsftpd options.
# Please read the vsftpd.conf.5 manual page to get a full idea of vsftpd's
# capabilities.
#
# Allow anonymous FTP? (Beware - allowed by default if you comment this out).
anonymous_enable=yes
#
# Uncomment this to allow local users to log in.
local_enable=YES
#
# Uncomment this to enable any form of FTP write command.
write_enable=YES
#
# Default umask for local users is 077. You may wish to change this to 022,
# if your users expect that (022 is used by most other ftpd's)
local_umask=022
#
# Uncomment this to allow the anonymous FTP user to upload files. This only
# has an effect if the above global write enable is activated. Also, you will
# obviously need to create a directory writable by the FTP user.
-- INSERT --
```

Step -7 :- Type Systemctl cmd

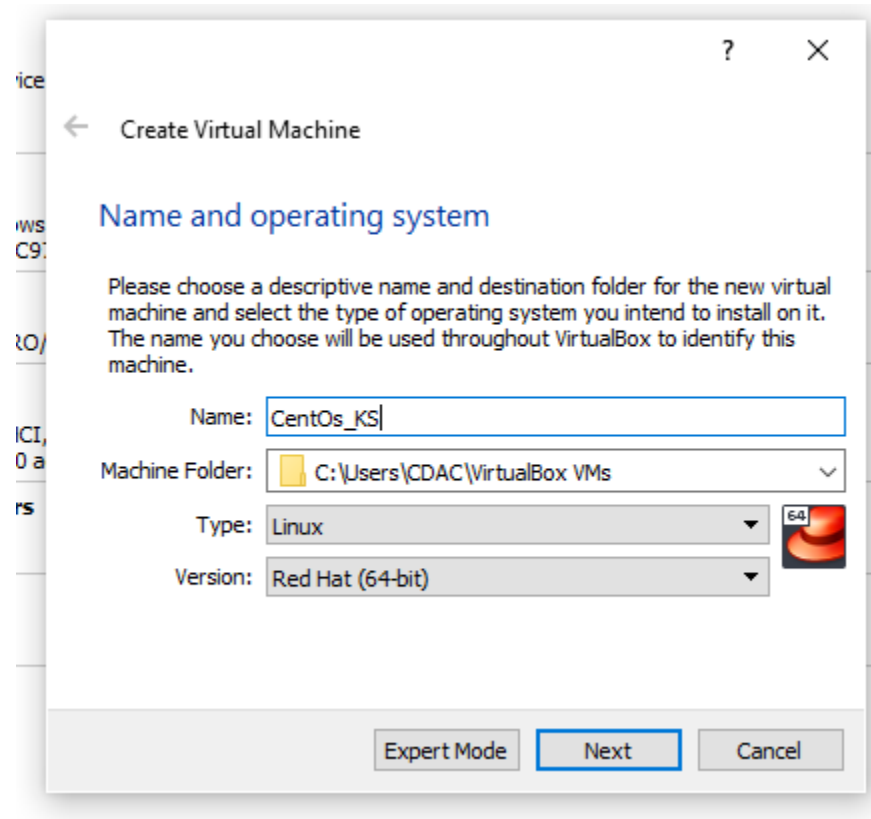


Step -8:- Location FTP and FTP restart and Status



CentOS- 2 :-

Step-1:- Create New CentOS_2



Step-2 :- type inst.ks=ftp://192.168.3.47/pub/ks.cfg ip=dhcp

