

Assignment :- 04

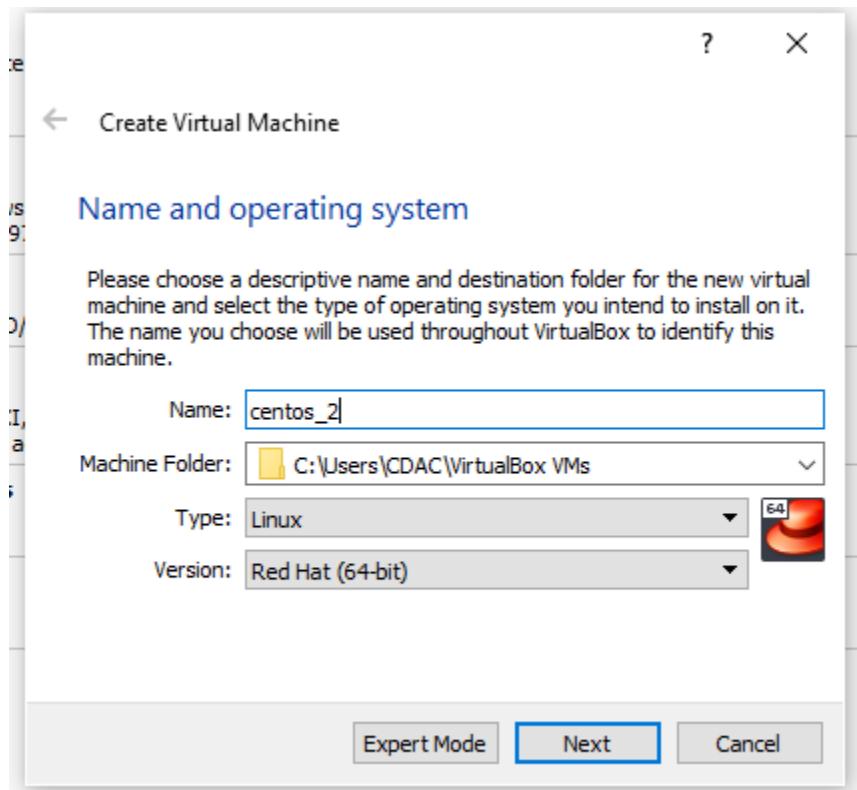
COSA

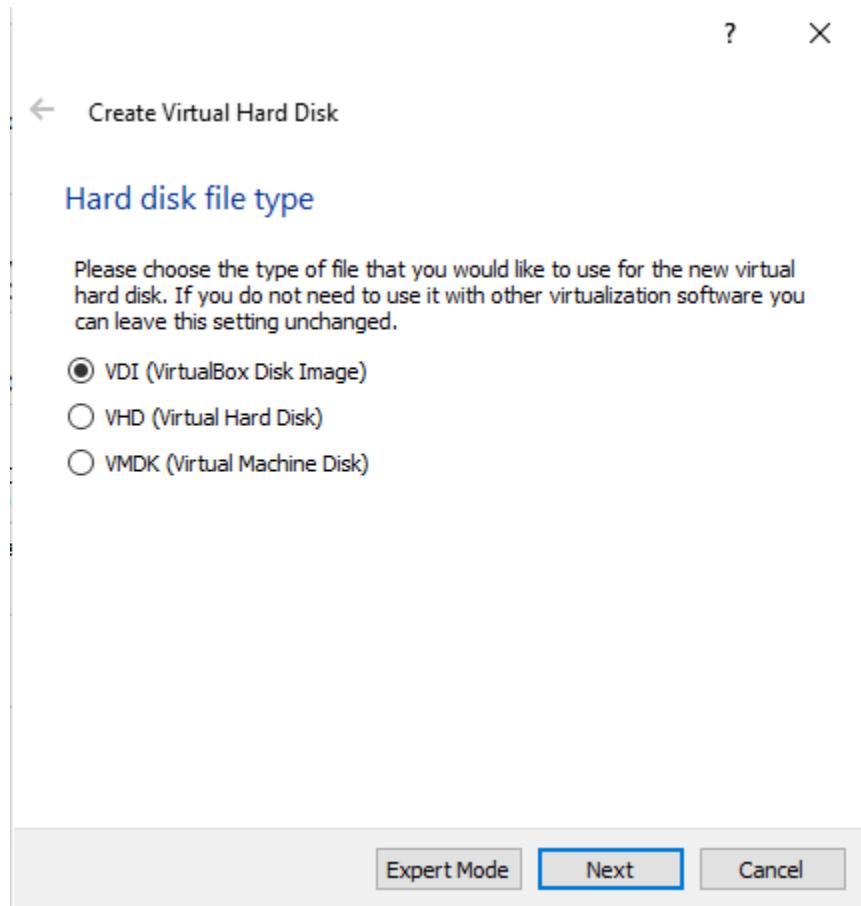
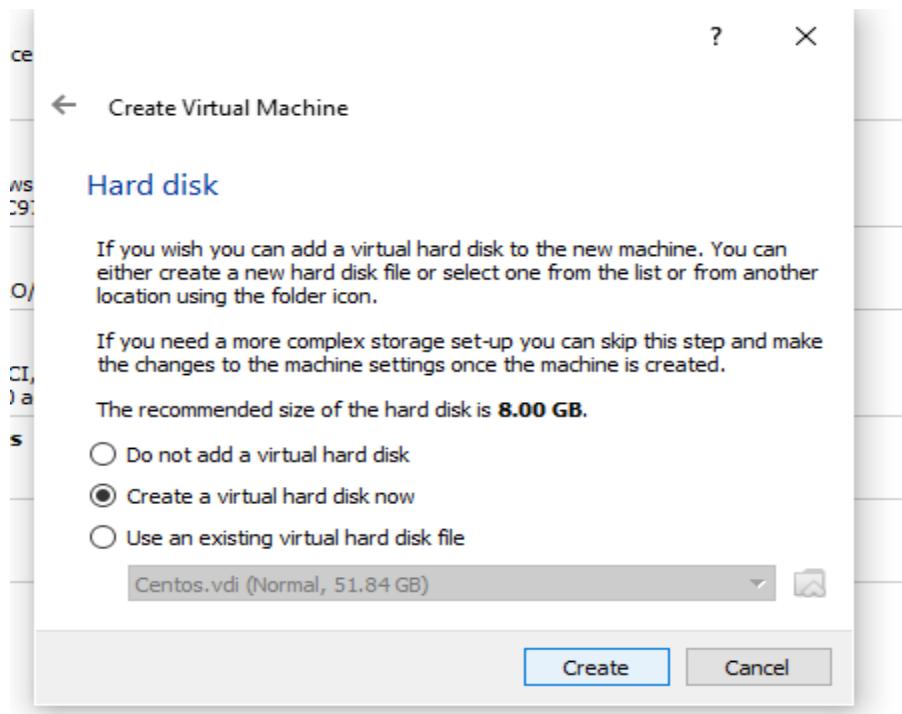
User Administration VNC and KickStart Installation User Administration VNC and KickStart Installation

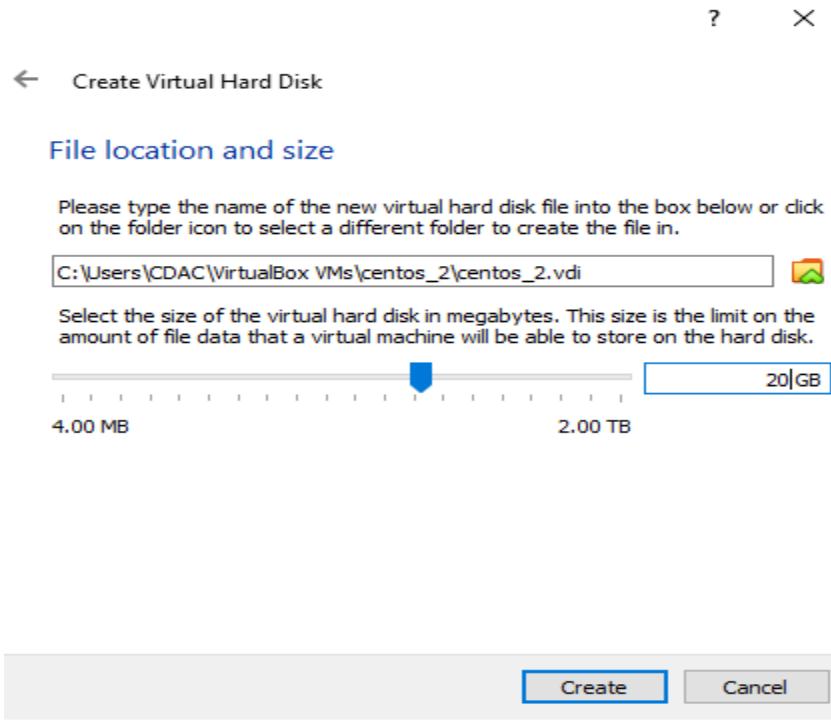
Prithviraj Nikam

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

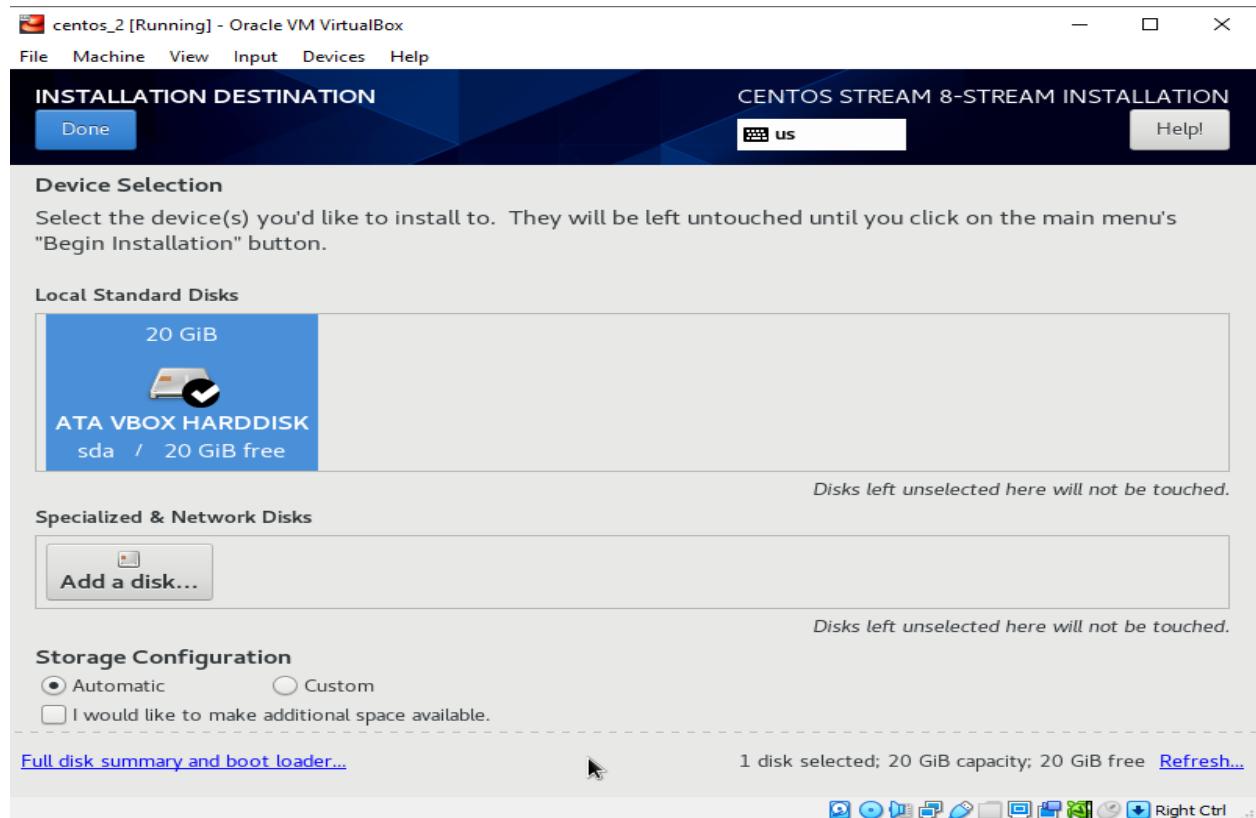
Step-1:- Create New CentOS



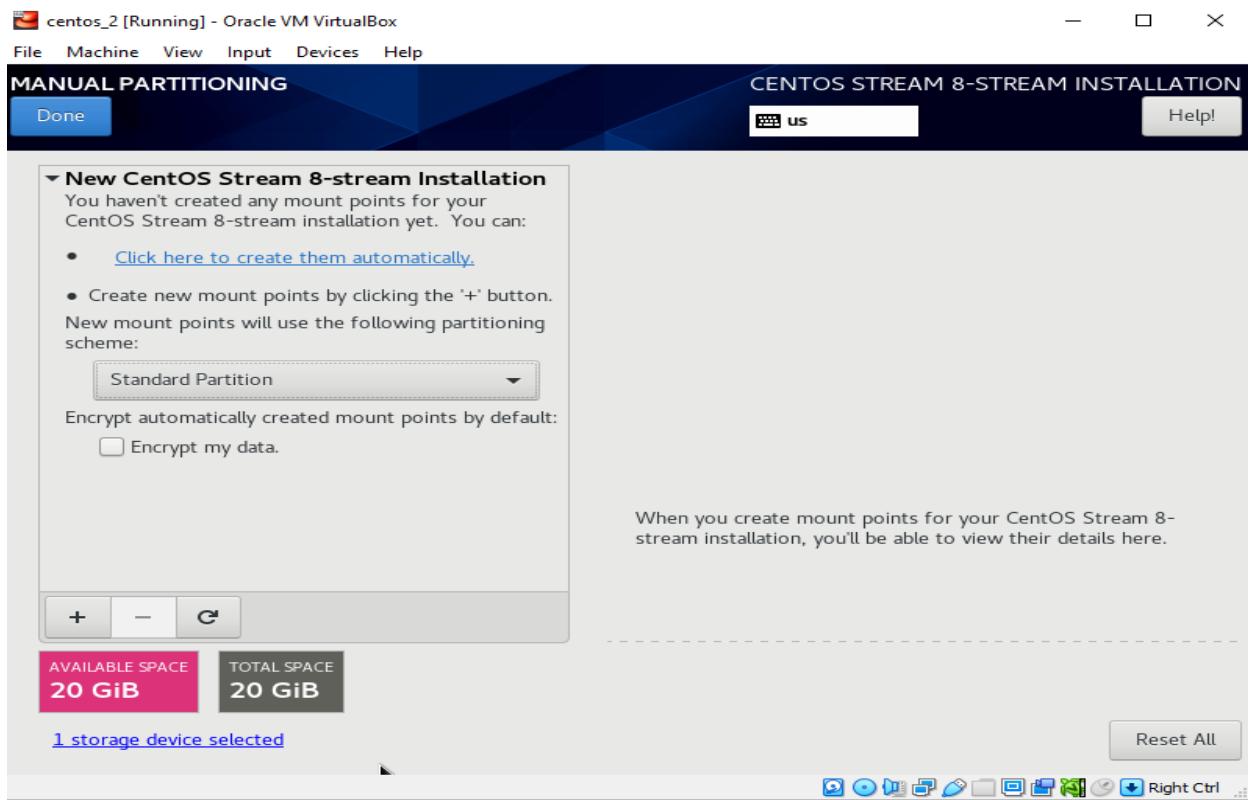




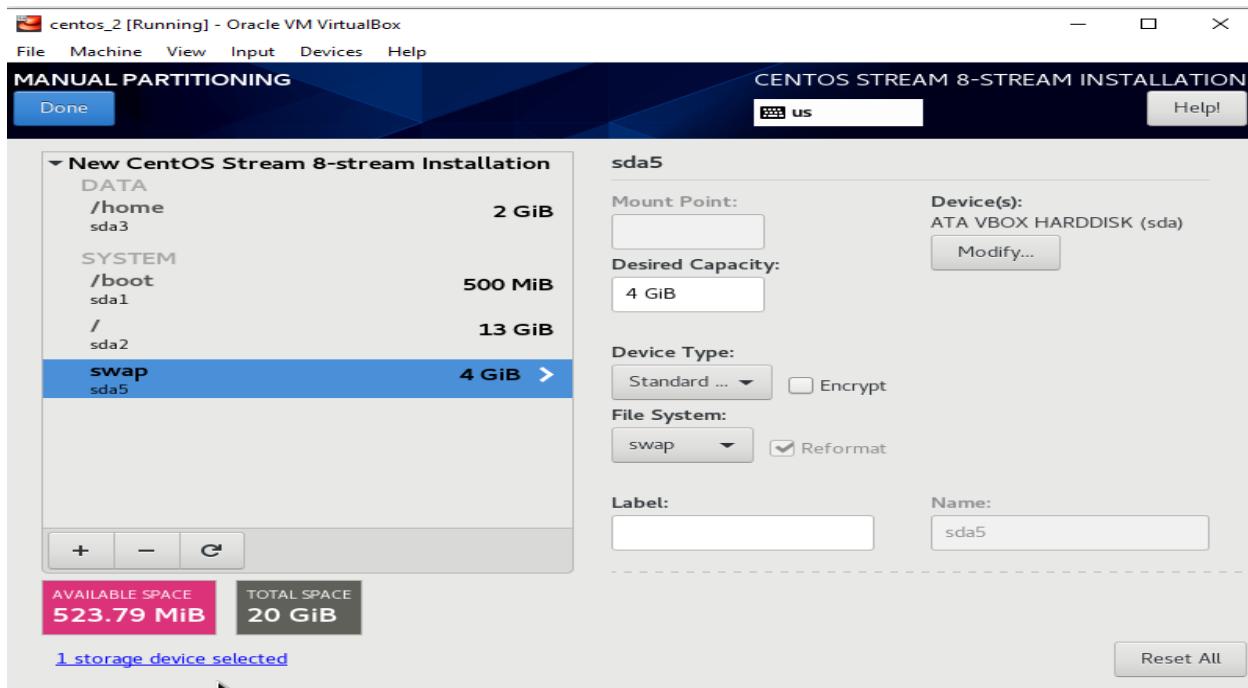
Step 2:- Installation before select the HDD =20GiB



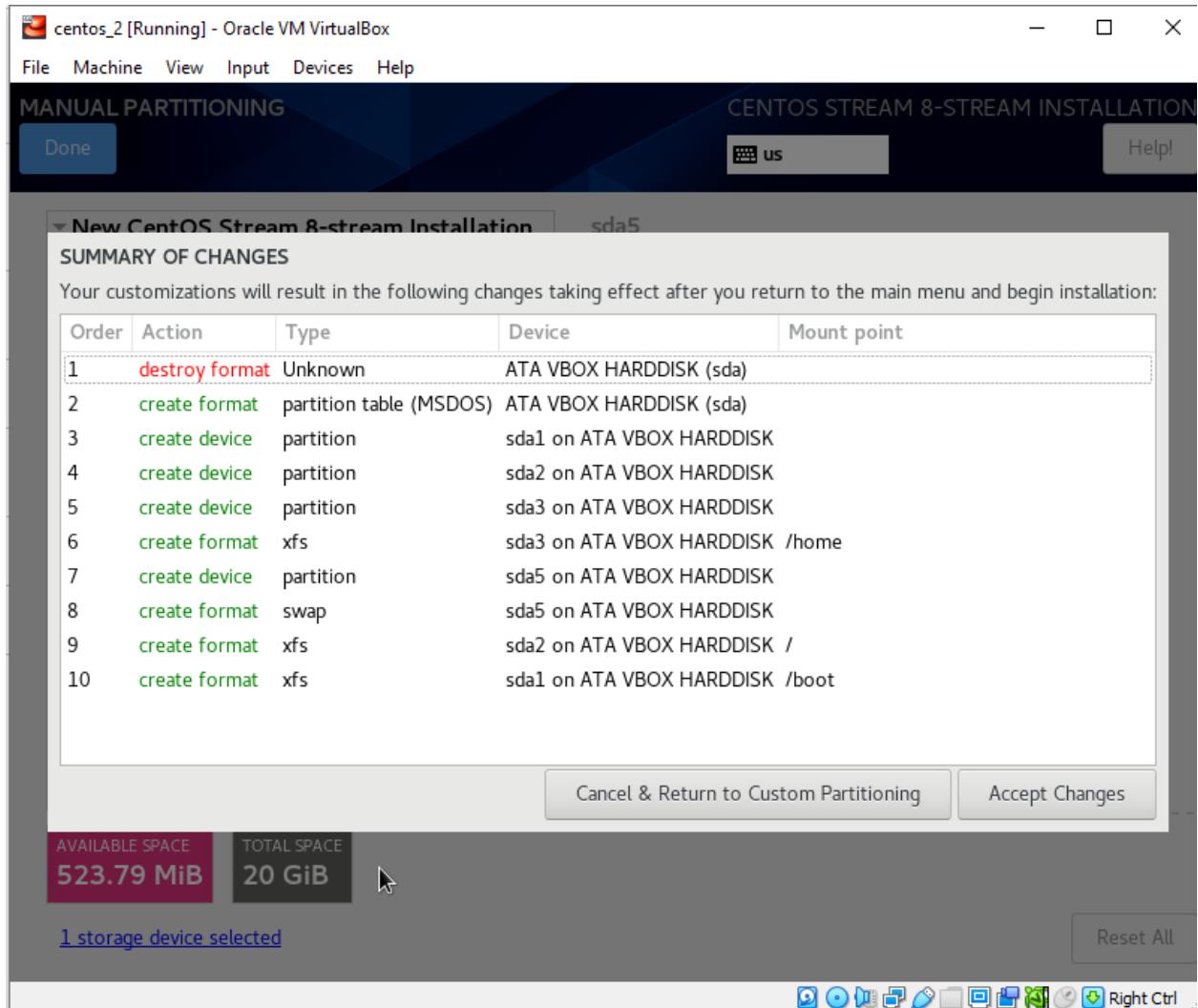
Select standard partition



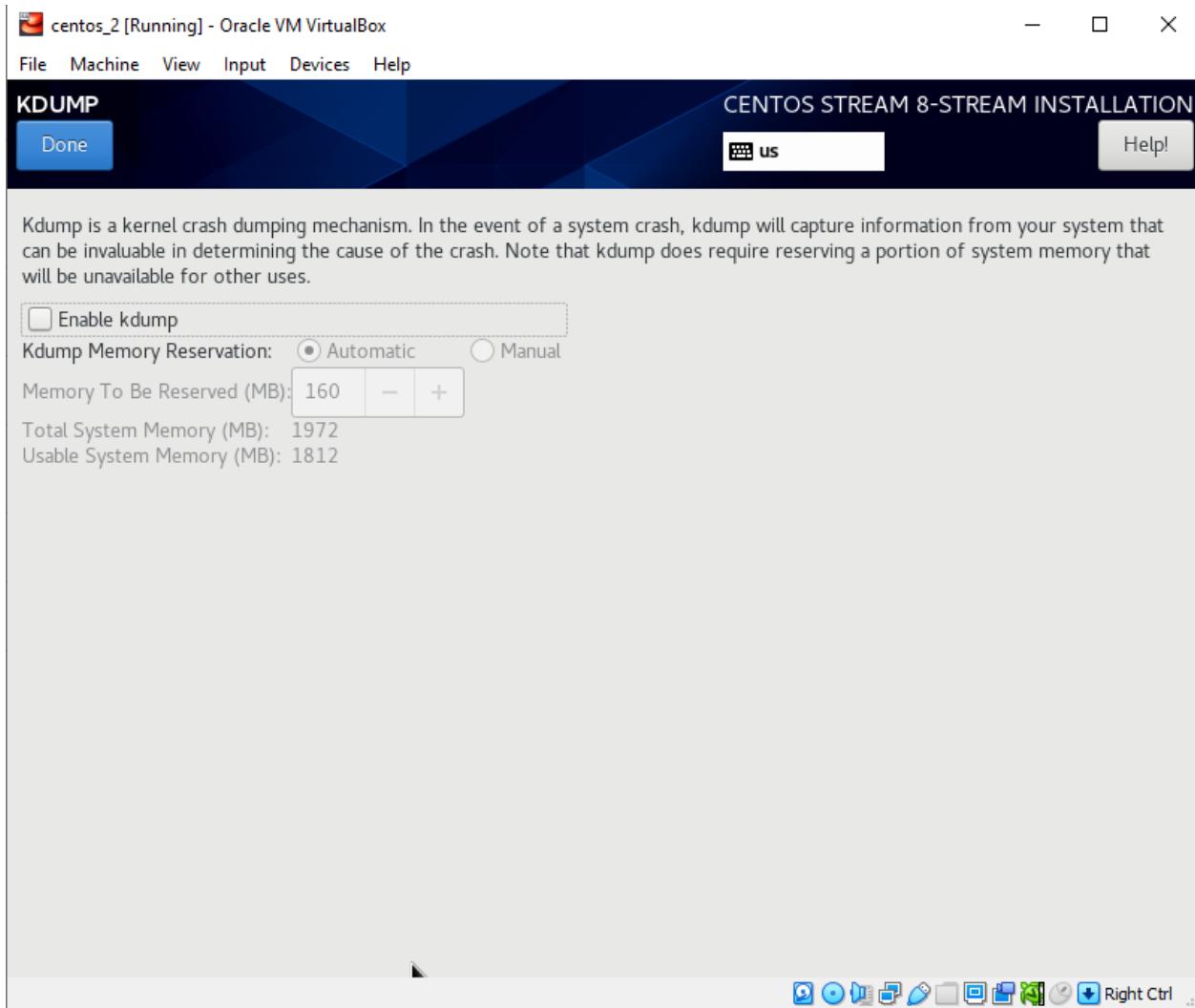
Step-3:- provide / =10GB , /boot = 2GB , /home = 500MB ,/swap = 4GB



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

%send

# 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:~

```
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
XZd19z6ZUhn0RPuFZH5PRstydrfiea/2SwNmWiJppswE0
-- INSERT --
```

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

centos_2 [Running] - Oracle VM VirtualBox

File Machine View Input Devices Help

Activities Terminal Oct 28 17:03

root@localhost:~

```
[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

centos_2 [Running] - Oracle VM VirtualBox

File Machine View Input Devices Help

Activities Terminal Oct 28 17:26

root@localhost:~

```
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 ftpt'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

The screenshot shows a terminal window titled "root@localhost:/var/ftp/pub" running on a CentOS 1 system. The terminal displays the following command-line session:

```
Memory: 584.0K
CGroup: /system.slice/vsftpd.service
└─40425 /usr/sbin/vsftpd /etc/vsftpd/vsftpd.conf

Oct 28 17:29:55 localhost.localdomain systemd[1]: Starting Vsftpd ftp daemon...
Oct 28 17:29:55 localhost.localdomain systemd[1]: Started Vsftpd ftp daemon.

[root@localhost ~]# cd /var/ftp/pub/
[root@localhost pub]# cd
[root@localhost ~]# ls
anaconda-ks.cfg  Documents  initial-setup-ks.cfg  Pictures  Templates
Desktop          Downloads  Music           Public    Videos
[root@localhost ~]# cp anaconda-ks.cfg /var/ftp/pub/ks.cfg
[root@localhost ~]# cd /var/ftp/pub/
[root@localhost pub]# ls
ks.cfg
[root@localhost pub]# ls -l
total 4
-rw----- 1 root root 1360 Oct 28 17:32 ks.cfg
[root@localhost pub]# chmod a+r ks.cfg
[root@localhost pub]# ls -l
total 4
-rw-r--r-- 1 root root 1360 Oct 28 17:32 ks.cfg
[root@localhost pub]#
```

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

centOS1 [Running] - Oracle VM VirtualBox

File Machine View Input Devices Help

Activities Terminal Oct 28 17:30

root@localhost:~

```
File Edit View Search Terminal Help
Running scriptlet: ftp-0.17-78.el8.x86_64 2/2
Verifying : ftp-0.17-78.el8.x86_64 1/2
Verifying : vsftpd-3.0.3-35.el8.x86_64 2/2

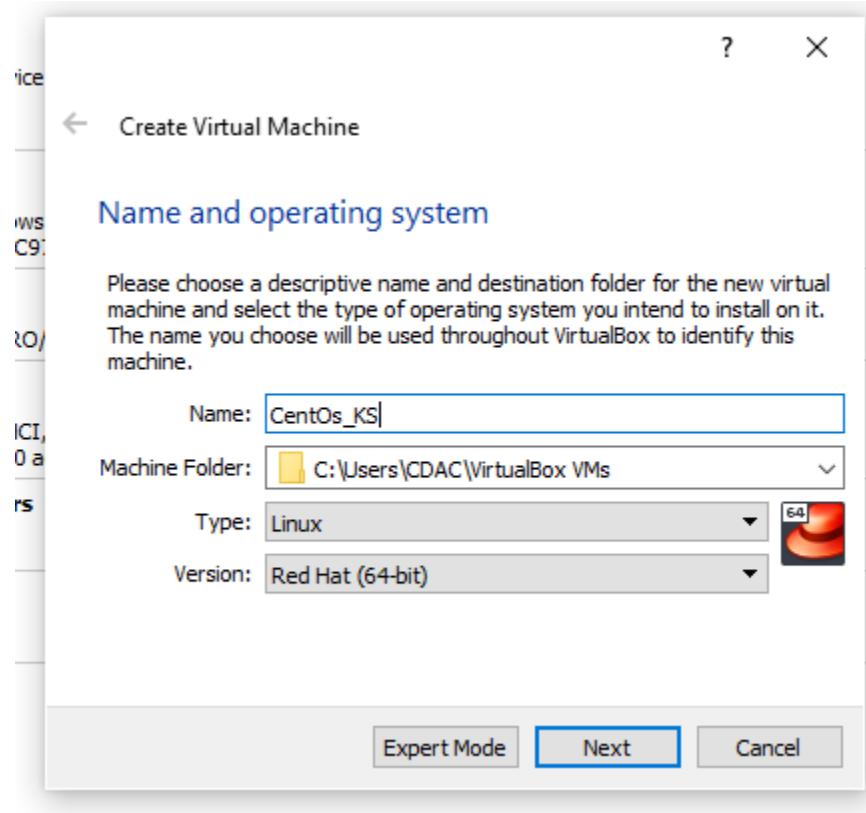
Installed:
ftp-0.17-78.el8.x86_64           vsftpd-3.0.3-35.el8.x86_64

Complete!
[root@localhost ~]# vi /etc/vsftpd/vsftpd.conf
[root@localhost ~]# systemctl restart vsftpd.service
[root@localhost ~]# systemctl status vsftpd.service
● vsftpd.service - Vsftpd ftp daemon
   Loaded: loaded (/usr/lib/systemd/system/vsftpd.service; disabled; vendor pre>
   Active: active (running) since Fri 2022-10-28 17:29:55 IST; 17s ago
     Process: 40424 ExecStart=/usr/sbin/vsftpd /etc/vsftpd/vsftpd.conf (code=exite>
   Main PID: 40425 (vsftpd)
      Tasks: 1 (limit: 50548)
     Memory: 584.0K
       CGroup: /system.slice/vsftpd.service
               └─40425 /usr/sbin/vsftpd /etc/vsftpd/vsftpd.conf

Oct 28 17:29:55 localhost.localdomain systemd[1]: Starting Vsftpd ftp daemon...
Oct 28 17:29:55 localhost.localdomain systemd[1]: Started Vsftpd ftp daemon.
lines 1-12/12 (END)
```

CentOS- 2 :-

Step-1:- Create New CentOS_2



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

