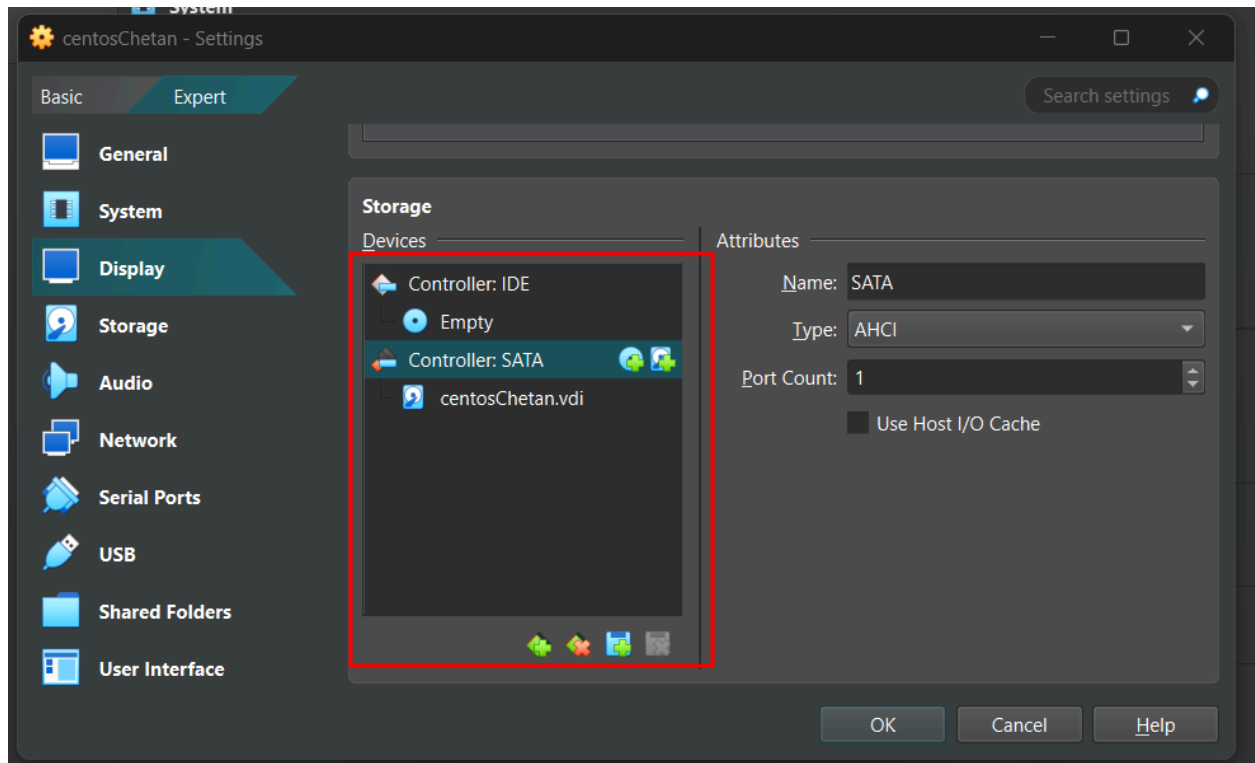
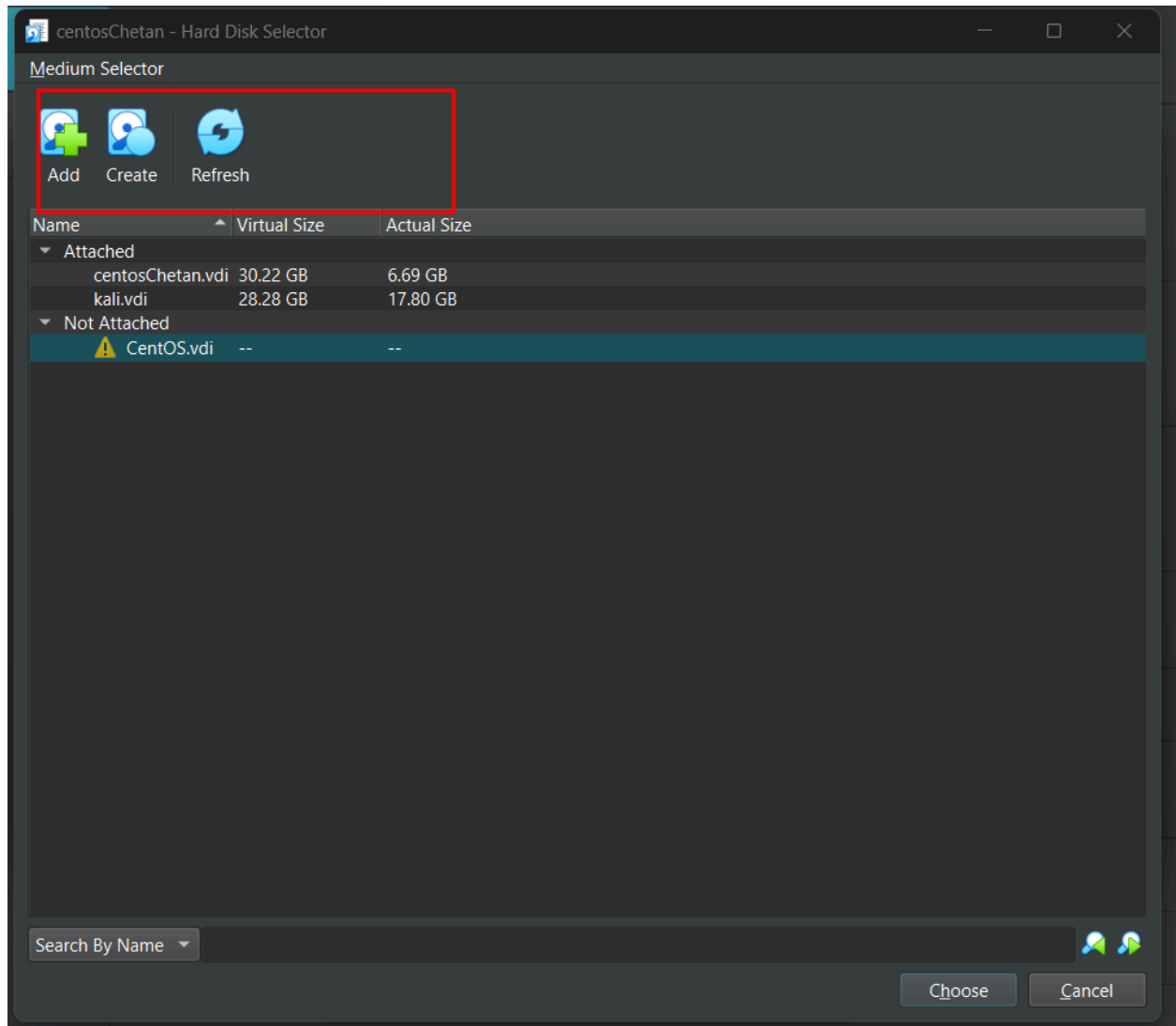


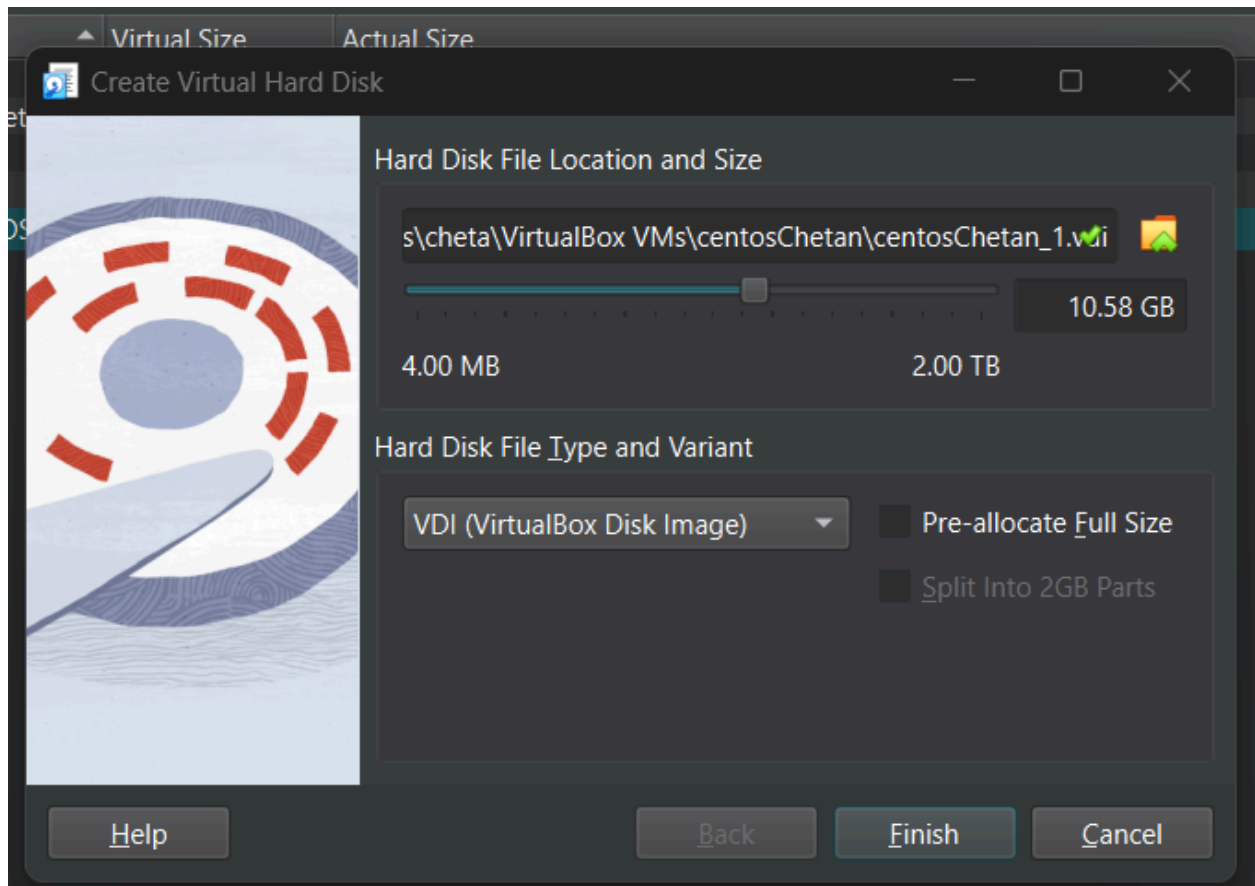
1.



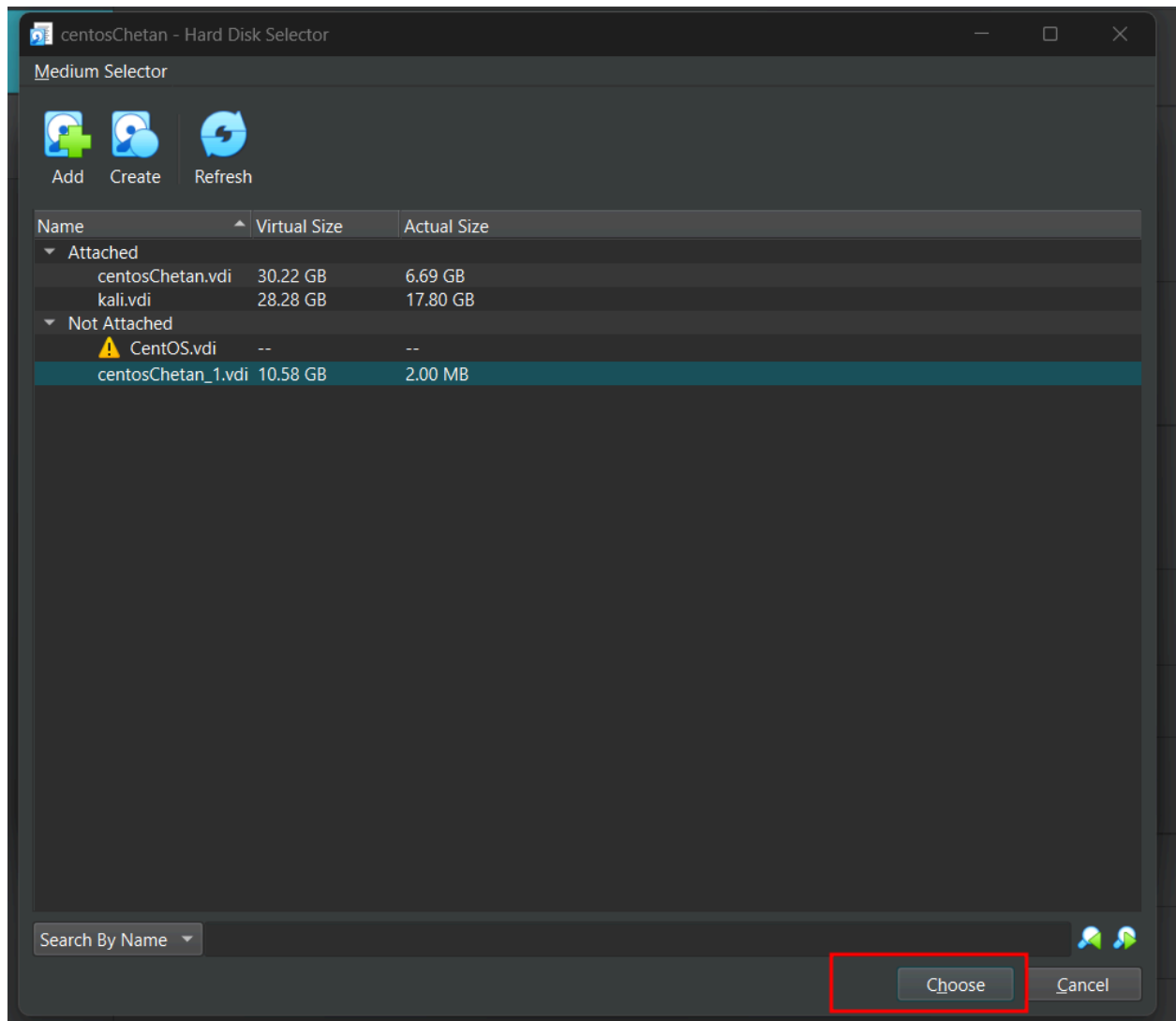
2.



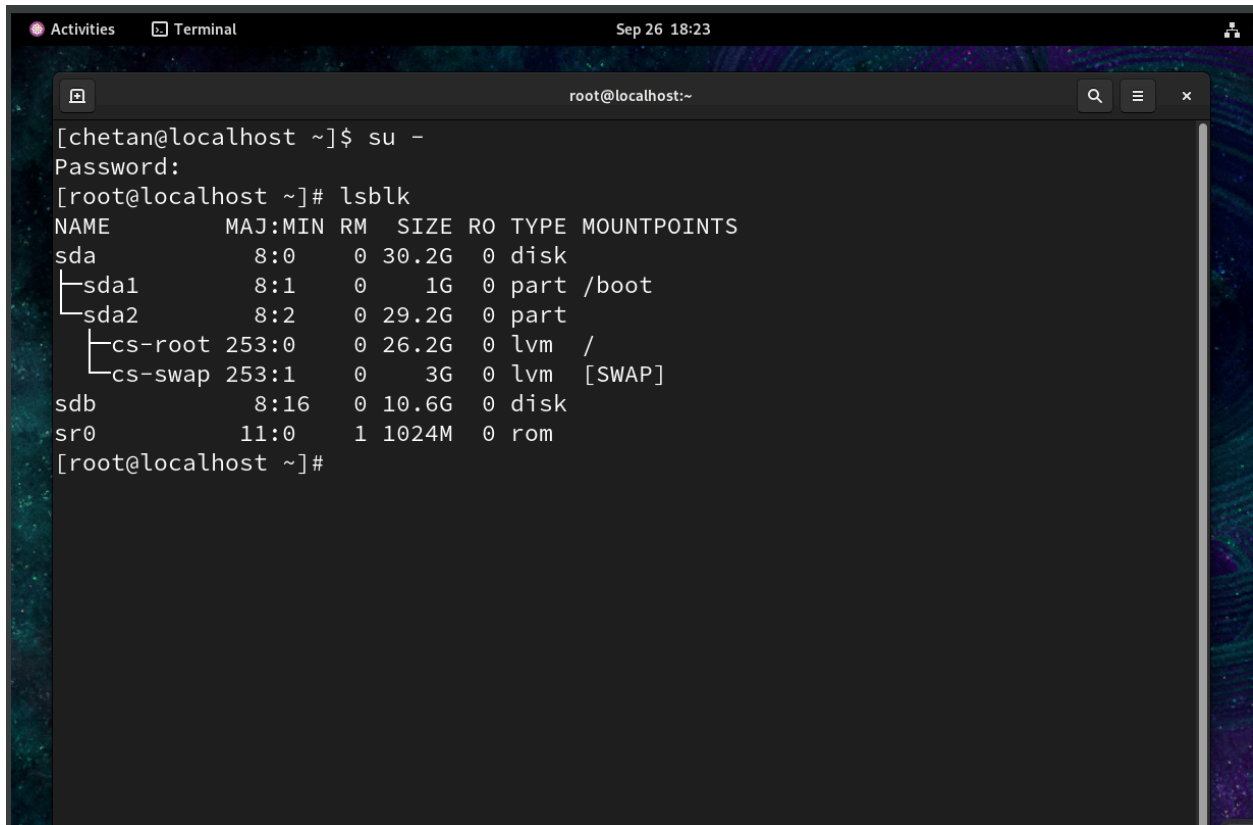
3.



4.



5.

A terminal window titled "Terminal" with a search bar and window controls. The prompt is "root@localhost:~". The user has executed "su -" and "lsblk". The output of "lsblk" is a table of disk information.

```
[chetan@localhost ~]$ su -  
Password:  
[root@localhost ~]# lsblk  
NAME        MAJ:MIN RM  SIZE RO TYPE MOUNTPOINTS  
sda          8:0    0 30.2G  0 disk  
└─sda1       8:1    0   1G   0 part /boot  
└─sda2       8:2    0 29.2G  0 part  
   └─cs-root 253:0   0 26.2G  0 lvm  /  
   └─cs-swap 253:1   0   3G   0 lvm  [SWAP]  
sdb          8:16   0 10.6G  0 disk  
sr0         11:0   1 1024M  0 rom  
[root@localhost ~]#
```

6.

```
root@localhost:~  
[root@localhost ~]# fdisk /dev/sdb  
  
Welcome to fdisk (util-linux 2.37.4).  
Changes will remain in memory only, until you decide to write them.  
Be careful before using the write command.  
  
Device does not contain a recognized partition table.  
Created a new DOS disklabel with disk identifier 0x7dff34de.  
  
Command (m for help):
```

7.

```
310 11.0 1 1024M 0 10M  
[root@localhost ~]# mkfs.ext4 /dev/sdb1  
mke2fs 1.46.5 (30-Dec-2021)  
The file /dev/sdb1 does not exist and no size was specified.  
[root@localhost ~]# mkfs.ext4 /dev/sdb  
mke2fs 1.46.5 (30-Dec-2021)  
Creating filesystem with 2773376 4k blocks and 693600 inodes  
Filesystem UUID: 7631dace-c3cb-4281-8558-fd224f760715  
Superblock backups stored on blocks:  
32768, 98304, 163840, 229376, 294912, 819200, 884736, 1605632, 2654208  
  
Allocating group tables: done  
Writing inode tables: done  
Creating journal (16384 blocks): done  
Writing superblocks and filesystem accounting information: done
```

8.

```
s create a new empty Sun partition table

Command (m for help): n
Partition type
  p primary (0 primary, 0 extended, 4 free)
  e extended (container for logical partitions)
Select (default p): p
Partition number (1-4, default 1):
First sector (2048-22187007, default 2048): w
Value out of range.
First sector (2048-22187007, default 2048):
Last sector, +/-sectors or +/-size{K,M,G,T,P} (2048-22187007, default 22187007):
w
Last sector, +/-sectors or +/-size{K,M,G,T,P} (2048-22187007, default 22187007):
w
Last sector, +/-sectors or +/-size{K,M,G,T,P} (2048-22187007, default 22187007):

Created a new partition 1 of type 'Linux' and of size 10.6 GiB.

Command (m for help): w
The partition table has been altered.
Syncing disks.
```

9.

```
[root@localhost ~]# lsblk
NAME          MAJ:MIN RM  SIZE RO TYPE MOUNTPOINTS
sda             8:0    0 30.2G  0 disk
├─sda1          8:1    0   1G  0 part /boot
└─sda2          8:2    0 29.2G  0 part
   └─cs-root    253:0    0 26.2G  0 lvm  /
      └─cs-swap 253:1    0   3G  0 lvm  [SWAP]
sdb             8:16    0 10.6G  0 disk
└─sdb1          8:17    0 10.6G  0 part
sr0            11:0    1 1024M  0 rom
```

```
[root@localhost ~]#
```

10.