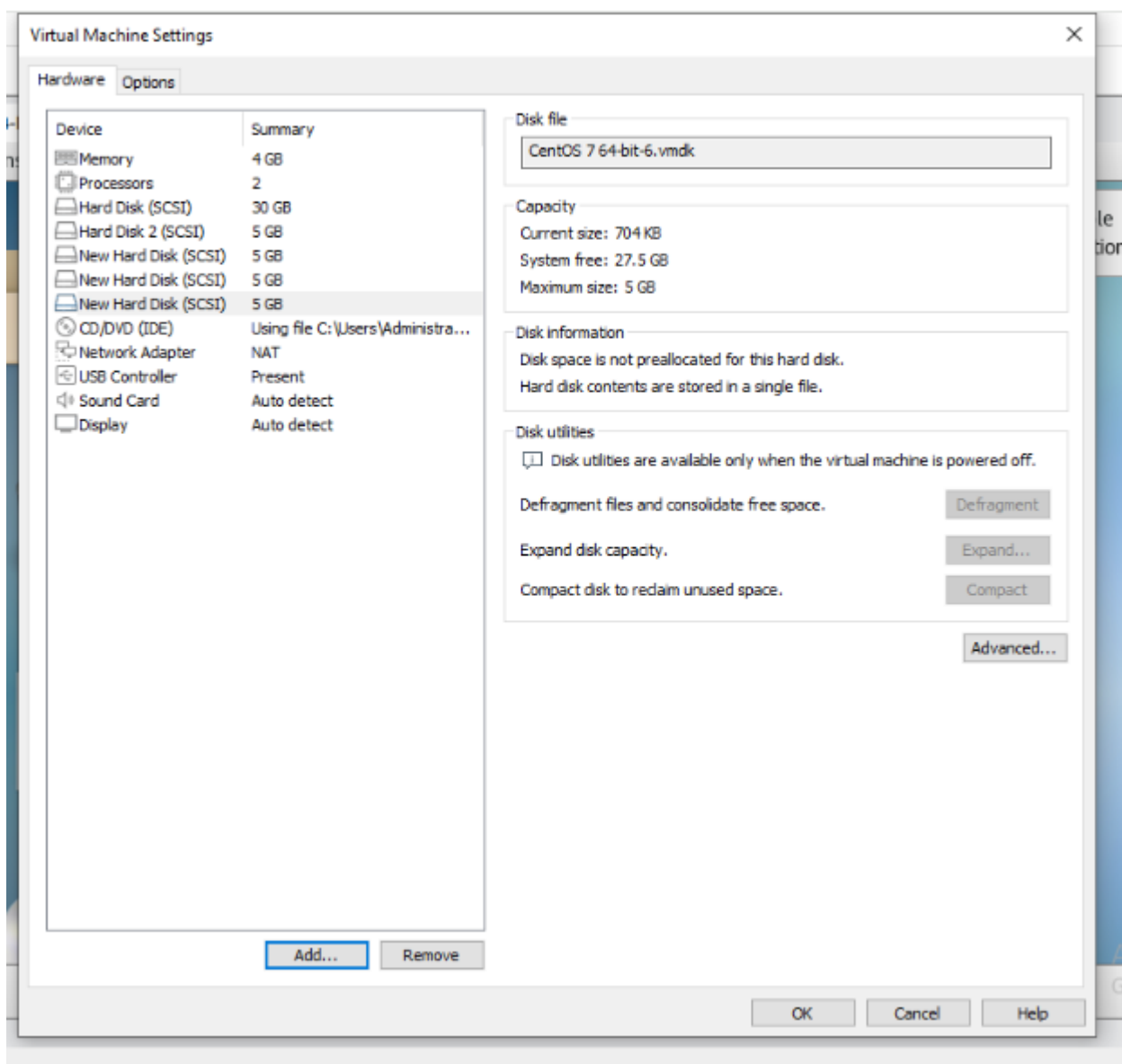


TASK

Attach 3 disks of 5GB each , create 2 Lvms from these disks of 7gb(/lvm1) and 8gb (/lvm2) with xfs and ext4 file systems respectively . Add another hdd of 4gb and extend 2-2gb on both lvms .

Step 1:

Here adding three 5GB hdd



```
[root@server ~]# lsblk
NAME                                MAJ:MIN RM  SIZE RO TYPE MOUNTPOINT
sda                                  8:0      0   30G  0 disk
├─sda1                              8:1      0    1G  0 part /boot
├─sda2                              8:2      0   29G  0 part
│   ├─centos-root 253:0      0   26G  0 lvm  /
│   └─centos-swap 253:1      0    3G  0 lvm  [SWAP]
sdb                                  8:16     0    5G  0 disk
├─sdb1                              8:17     0    5G  0 part
sdc                                  8:32     0    5G  0 disk
sdd                                  8:48     0    5G  0 disk
sde                                  8:64     0    5G  0 disk
sr0                                  11:0     1   4.4G  0 rom   /run/media/root/CentOS 7 x86_64
```

Step2 : creating partition

```
Applications Places Terminal

root@server:~

File Edit View Search Terminal Help
sdd      8:48  0    5G  0 disk
sde      8:64  0    5G  0 disk
sr0      11:0  1   4.4G  0 rom   /run/media/root/CentOS 7 x86_64
[root@server ~]# fdisk /dev/sdc
Welcome to fdisk (util-linux 2.23.2).

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
Building a new DOS disklabel with disk identifier 0xefd577fd.

Command (m for help): n
Partition type:
   p   primary (0 primary, 0 extended, 4 free)
   e   extended
Select (default p):
Using default response p
Partition number (1-4, default 1):
First sector (2048-10485759, default 2048):
Using default value 2048
Last sector, +sectors or +size{K,M,G} (2048-10485759, default 10485759):
Using default value 10485759
Partition 1 of type Linux and of size 5 GiB is set

Command (m for help): l

 0 Empty                24 NEC DOS               81 Minix / old Lin bf Solaris
 1 FAT12                 27 Hidden NTFS Win 82 Linux swap / So c1 DRDOS/sec (FAT-
 2 XENIX root            39 Plan 9               83 Linux                c4 DRDOS/sec (FAT-
 3 XENIX usr              3c PartitionMagic      84 OS/2 hidden C:       c6 DRDOS/sec (FAT-
 4 FAT16 <32M            40 Venix 80286          85 Linux extended      c7 Syrix
 5 Extended               41 PPC PReP Boot        86 NTFS volume set da Non-FS data
 6 FAT16                  42 SFS                  87 NTFS volume set db CP/M / CTOS / .
 7 HPFS/NTFS/exFAT        4d QNX4.x                88 Linux plaintext de Dell Utility
```

```
Applications Places Terminal Sun 17:51 root@server:~
File Edit View Search Terminal Help

Command (m for help): t
Selected partition 1
Hex code (type L to list all codes): 8e
Changed type of partition 'Linux' to 'Linux LVM'

Command (m for help): w
The partition table has been altered!

Calling ioctl() to re-read partition table.
Syncing disks.
[root@server ~]# lsblk
NAME MAJ:MIN RM SIZE RO TYPE MOUNTPOINT
sda 8:0 0 30G 0 disk
├─sda1 8:1 0 1G 0 part /boot
├─sda2 8:2 0 29G 0 part
│ └─centos-root 253:0 0 26G 0 lvm /
│ └─centos-swap 253:1 0 3G 0 lvm [SWAP]
sdb 8:16 0 5G 0 disk
├─sdb1 8:17 0 5G 0 part
sdc 8:32 0 5G 0 disk
├─sdc1 8:33 0 5G 0 part
sdd 8:48 0 5G 0 disk
sde 8:64 0 5G 0 disk
sr0 11:0 1 4.4G 0 rom /run/media/root/CentOS 7 x86_64
[root@server ~]# fdisk /dev/sdd
Welcome to fdisk (util-linux 2.23.2).

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
Building a new DOS disklabel with disk identifier 0x454c33af.

Command (m for help): n
```

```
Applications Places Terminal Sun 17:51 root@server:~
File Edit View Search Terminal Help

Building a new DOS disklabel with disk identifier 0x454c33af.

Command (m for help): n
Partition type:
p primary (0 primary, 0 extended, 4 free)
e extended
Select (default p):
Using default response p
Partition number (1-4, default 1):
First sector (2048-10485759, default 2048):
Using default value 2048
Last sector, +sectors or +size(K,M,G) (2048-10485759, default 10485759):
Using default value 10485759
Partition 1 of type Linux and of size 5 GiB is set

Command (m for help): l
 0 Empty                24 NEC DOS               81 Minix / old Lin bf  Solaris
 1 FAT12                 27 Hidden NTFS Win 82  Linux swap / So c1  DRDOS/sec (FAT-
 2 XENIX root            39 Plan 9              83  Linux                c4  DRDOS/sec (FAT-
 3 XENIX usr             3c PartitionMagic      84  OS/2 hidden C:       c6  DRDOS/sec (FAT-
 4 FAT16 <32M            40 Venix 80286          85  Linux extended       c7  Syrix
 5 Extended              41 PPC PReP Boot       86  NTFS volume set     da  Non-FS data
 6 FAT16                 42 SFS                  87  NTFS volume set     db  CP/M / CTOS / .
 7 HPFS/NTFS/exFAT       4d QNX4.x               88  Linux plaintext     de  Dell Utility
 8 AIX                   4e QNX4.x 2nd part     8e  Linux LVM            df  BootIt
 9 AIX bootable          4f QNX4.x 3rd part     93  Amoeba               e1  DOS access
 a OS/2 Boot Manag       50 OnTrack DM           94  Amoeba BBT           e3  DOS R/O
 b W95 FAT32             51 OnTrack DM6 Aux    9f  BSD/OS               e4  SpeedStor
 c W95 FAT32 (LBA)       52 CP/M                a0  IBM Thinkpad hi     eb  BeOS fs
 e W95 FAT16 (LBA)       53 OnTrack DM6 Aux    a5  FreeBSD              ee  GPT
 f W95 Ext'd (LBA)       54 OnTrackDM6          a6  OpenBSD              ef  EFI (FAT-12/16/
10 OPUS                  55 EZ-Drive            a7  NeXTSTEP             f0  Linux/PA-RISC b
11 Hidden FAT12          56 Golden Bow          a8  Darwin UFS           f1  SpeedStor
12 Compaq diagnost       5c Priam Edisk         a9  NetBSD               f4  SpeedStor
```

```

Applications  Places  Terminal
Sun 17:51

root@server:~
File Edit View Search Terminal Help
16 Hidden FAT16 63 GNU HURD or Sys af HFS / HFS+ fb VMware VMFS
17 Hidden HPFS/NTF 64 Novell Network b7 BSDI fs fc VMware VMKCORE
18 AST SmartSleep 65 Novell Network b8 BSDI swap fd Linux raid auto
1b Hidden W95 FAT3 70 DiskSecure Mult bb Boot Wizard hid fe LANstep
1c Hidden W95 FAT3 75 PC/IX be Solaris boot ff BBT
1e Hidden W95 FAT1 80 Old Minix

Command (m for help): t
Selected partition 1
Hex code (type L to list all codes): 8e
Changed type of partition 'Linux' to 'Linux LVM'

Command (m for help): w
The partition table has been altered!

Calling ioctl() to re-read partition table.
Syncing disks.
[root@server ~]# fdisk /dev/sde
Welcome to fdisk (util-linux 2.23.2).

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
Building a new DOS disklabel with disk identifier 0x58f1c5c9.

Command (m for help): l
 0 Empty                24 NEC DOS               81 Minix / old Lin  bf Solaris
 1 FAT12                 27 Hidden NTFS Win    82 Linux swap / So c1 DRDOS/sec (FAT-
 2 XENIX root            39 Plan 9              83 Linux            c4 DRDOS/sec (FAT-
 3 XENIX usr             3c PartitionMagic     84 OS/2 hidden C:   c6 DRDOS/sec (FAT-
 4 FAT16 <32M            40 Venix 80286         85 Linux extended  c7 Syrix
 5 Extended              41 PPC PreP Boot      86 NTFS volume set da Non-FS data
 6 FAT16                 42 SFS                 87 NTFS volume set db CP/M / CTOS / .

```

Step 3: Create physical Volume

```

[root@server ~]# pvcreate /dev/sdc1 /dev/sdd1 /dev/sde1
Physical volume "/dev/sdc1" successfully created.
Physical volume "/dev/sdd1" successfully created.
Physical volume "/dev/sde1" successfully created.
[root@server ~]# vgcreate vg1 /dev/sdc1 /dev/sdd1 /dev/sde1
Volume group "vg1" successfully created
[root@server ~]# vgs
VG      #PV #LV #SN Attr   VSize   VFree
centos   1   2   0 wz--n- <29.00g    0
val      3   0   0 wz--n- <14.99g <14.99g

```

Step 4 : Create logical volume

```

[root@server ~]# lvcreate -l 50%FREE -n lv1 vg1
Logical volume "lv1" created.
[root@server ~]# vgs
VG      #PV #LV #SN Attr   VSize   VFree
centos   1   2   0 wz--n- <29.00g    0
vg1      3   1   0 wz--n- <14.99g <7.50g
[root@server ~]# lvcreate -l 100%FREE -n lv2 vg1
Logical volume "lv2" created.
[root@server ~]# vgs
VG      #PV #LV #SN Attr   VSize   VFree
centos   1   2   0 wz--n- <29.00g    0
vg1      3   2   0 wz--n- <14.99g    0

```

Step 5: create partiton for new logical volumes , lv1 and lv2

```
[root@server ~]# mkfs.xfs /dev/vg1/lv1
mkfs.xfs: /dev/vg1/lv1 appears to contain an existing filesystem (ext4).
mkfs.xfs: Use the -f option to force overwrite.
[root@server ~]# mkfs.xfs -f /dev/vg1/lv1
meta-data=/dev/vg1/lv1             isize=512    agcount=4, agsize=491008 blks
      =                       sectsz=512    attr=2, projid32bit=1
      =                       crc=1        finobt=0, sparse=0
data      =                       bsize=4096   blocks=1964032, imaxpct=25
      =                       sunit=0      swidth=0 blks
naming    =version 2              bsize=4096   ascii-ci=0 ftype=1
log       =internal log          bsize=4096   blocks=2560, version=2
      =                       sectsz=512    sunit=0 blks, lazy-count=1
realtime  =none                  extsz=4096   blocks=0, rtextents=0
[root@server ~]# mkfs.ext4 /dev/vg1/lv2
mke2fs 1.42.9 (28-Dec-2013)
Filesystem label=
OS type: Linux
Block size=4096 (log=2)
Fragment size=4096 (log=2)
Stride=0 blocks, Stripe width=0 blocks
491520 inodes, 1965056 blocks
98252 blocks (5.00%) reserved for the super user
First data block=0
Maximum filesystem blocks=2013265920
60 block groups
32768 blocks per group, 32768 fragments per group
8192 inodes per group
Superblock backups stored on blocks:
    32768, 98304, 163840, 229376, 294912, 819200, 884736, 1605632

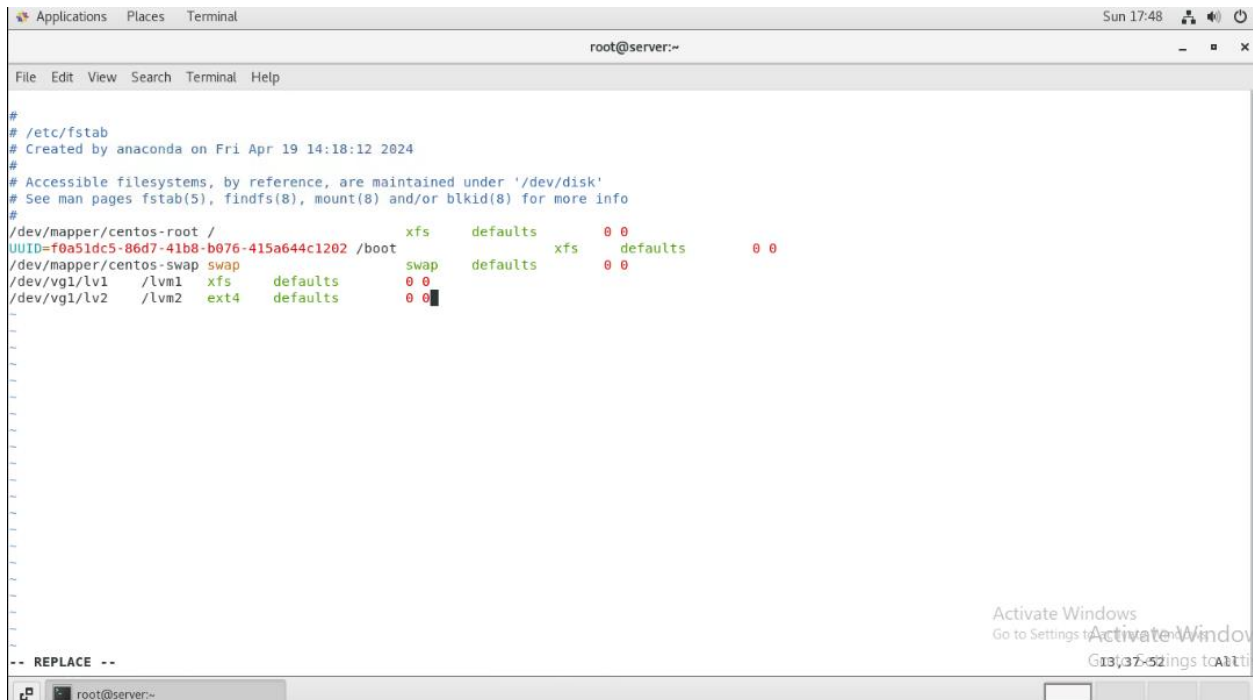
Allocating group tables: done
Writing inode tables: done
```



```
[root@server ~]# lsblk
NAME                MAJ:MIN RM  SIZE RO TYPE MOUNTPOINT
sda                  8:0    0   30G  0 disk
├─sda1                8:1    0    1G  0 part /boot
├─sda2                8:2    0   29G  0 part
│   ├─centos-root    253:0    0   26G  0 lvm  /
│   └─centos-swap    253:1    0    3G  0 lvm  [SWAP]
sdb                  8:16    0    5G  0 disk
├─sdb1                8:17    0    5G  0 part
sdc                  8:32    0    5G  0 disk
├─sdc1                8:33    0    5G  0 part
│   └─vg1-lv1        253:2    0   7.5G  0 lvm
sdd                  8:48    0    5G  0 disk
├─sdd1                8:49    0    5G  0 part
│   ├─vg1-lv1        253:2    0   7.5G  0 lvm
│   └─vg1-lv2        253:3    0   7.5G  0 lvm
sde                  8:64    0    5G  0 disk
├─sde1                8:65    0    5G  0 part
│   └─vg1-lv2        253:3    0   7.5G  0 lvm
sr0                  11:0    1   4.4G  0 rom  /run/media/root/CentOS 7 x86_64
```

Step 6 : add both lvms in fstab file

vim /etc/fstab



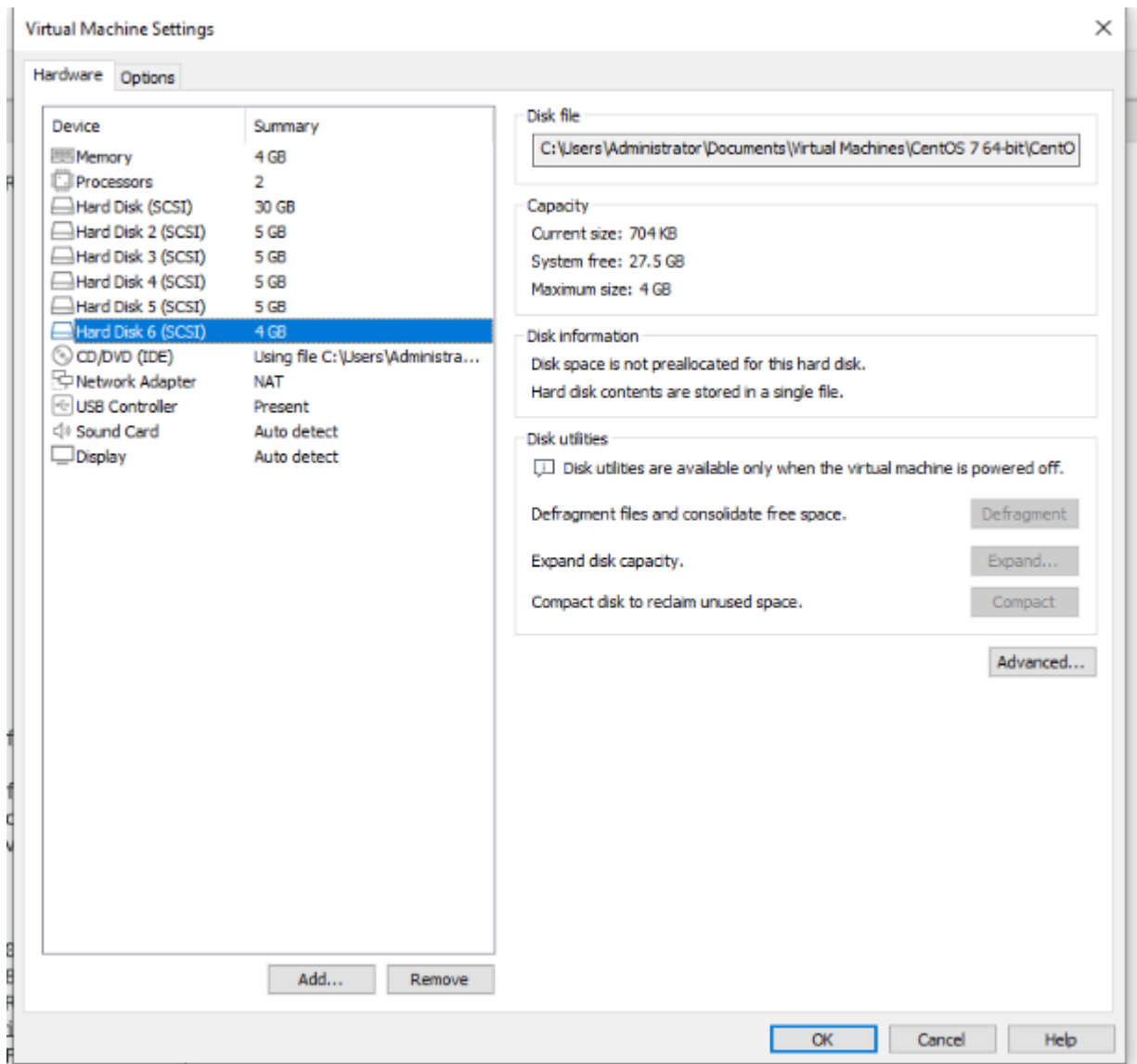
```
# vim /etc/fstab
# /etc/fstab
# Created by anaconda on Fri Apr 19 14:18:12 2024
#
# Accessible filesystems, by reference, are maintained under '/dev/disk'
# See man pages fstab(5), findfs(8), mount(8) and/or blkid(8) for more info
#
/dev/mapper/centos-root / xfs defaults 0 0
UUID=f0a51dc5-86d7-41b8-b076-415a644c1202 /boot xfs defaults 0 0
/dev/mapper/centos-swap swap swap defaults 0 0
/dev/vg1/lv1 /lvml xfs defaults 0 0
/dev/vg1/lv2 /lvml2 ext4 defaults 0 0
```

Step 7 : create a mount point for lv1 and lv2

```
[root@server ~]# mkdir /lvml
[root@server ~]# mkdir /lvml2
[root@server ~]# mount -a
[root@server ~]# mount | grep /lvml
/dev/mapper/vg1-lv1 on /lvml type xfs (rw,relatime,attr2,inode64,noquota)
[root@server ~]# mount | grep /lvml2
/dev/mapper/vg1-lv2 on /lvml2 type ext4 (rw,relatime,data=ordered)
[root@server ~]# df -h
Filesystem                Size      Used Avail Use% Mounted on
devtmpfs                  1.9G         0 1.9G   0% /dev
tmpfs                     1.9G         0 1.9G   0% /dev/shm
tmpfs                     1.9G      13M 1.9G   1% /run
tmpfs                     1.9G         0 1.9G   0% /sys/fs/cgroup
/dev/mapper/centos-root    26G       7.4G  19G  29% /
/dev/sda1                 1014M     187M  828M  19% /boot
tmpfs                     378M      28K  378M   1% /run/user/0
/dev/sr0                   4.4G     4.4G   0 100% /run/media/root/CentOS 7 x86_64
/dev/mapper/vg1-lv1        7.5G      33M  7.5G   1% /lvml
/dev/mapper/vg1-lv2        7.3G      34M  6.9G   1% /lvml2
[root@server ~]#
```



Step 8 : Add 4gb hdd



Step 9 : Create partition for /dev/sdf (this was newly created 4gb hdd)

```
#fdisk /dev/sdf
```

```
# n
```

Enter and create partition

```
# t
```

```
# 8e (for linux lvm)
```


Here below we can see partition created

Step 10 : create physical volume for sdf1 and Extend the volume group by #vgextend command

```
[root@server ~]# lsblk
NAME                MAJ:MIN RM   SIZE RO TYPE MOUNTPOINT
sda                  8:0      0    30G  0 disk
├─sda1               8:1      0     1G  0 part /boot
├─sda2               8:2      0    29G  0 part
│   ├─centos-root    253:0     0    26G  0 lvm  /
│   └─centos-swap    253:1     0     3G  0 lvm  [SWAP]
sdb                  8:16     0     5G  0 disk
├─sdb1              8:17     0     5G  0 part
sdc                  8:32     0     5G  0 disk
├─sdc1              8:33     0     5G  0 part
│   └─vg1-lv1       253:2     0    7.5G  0 lvm  /lvm1
sdd                  8:48     0     5G  0 disk
├─sdd1              8:49     0     5G  0 part
│   ├─vg1-lv1       253:2     0    7.5G  0 lvm  /lvm1
│   └─vg1-lv2       253:3     0    7.5G  0 lvm  /lvm2
sde                  8:64     0     5G  0 disk
├─sde1              8:65     0     5G  0 part
│   └─vg1-lv2       253:3     0    7.5G  0 lvm  /lvm2
sdf                  8:80     0     4G  0 disk
├─sdf1              8:81     0     4G  0 part
sr0                  11:0     1    4.4G  0 rom   /run/media/root/CentOS 7 x86_64

[root@server ~]# pvcreate /dev/sgf1
Device /dev/sgf1 not found.
[root@server ~]# pvcreate /dev/sdf1
Physical volume "/dev/sdf1" successfully created.
[root@server ~]# vgextend vg1 /dev/sdf1
Volume group "vg1" successfully extended
[root@server ~]# vgs
VG      #PV #LV #SN Attr   VSize   VFree
centos   1   2   0 wz--n- <29.00g    0
val     4   2   0 wz--n- 18.98g <4.00g
```


Step11 : lvextend

```
Application  File Edit View VM Tabs Help  CentOS 7 64-bit x
root@server:~
File Edit View Search Terminal Help
Please specify a logical volume path.
Run 'lvextend --help' for more information.
[root@server ~]# lvextend -l +50%FREE /dev/vg1/lv1
Size of logical volume vg1/lv1 changed from 7.49 GiB (1918 extents) to 9.49 GiB (2430 extents).
Logical volume vg1/lv1 successfully resized.
[root@server ~]# lvs
LV VG Attr LSize Pool Origin Data% Meta% Move Log Cpy%Sync Convert
root centos -wi-ao---- <26.00g
swap centos -wi-ao---- 3.00g
lv1 vg1 -wi-ao---- 9.49g
lv2 vg1 -wi-ao---- <7.50g
[root@server ~]# vgs
VG #PV #LV #SN Attr VSize VFree
centos 1 2 0 wz--n- <29.00g 0
vg1 4 2 0 wz--n- 18.98g <2.00g
[root@server ~]# lvextend -l 100%FREE /dev/vg1/lv2
New size given (511 extents) not larger than existing size (1919 extents)
[root@server ~]# lvextend -l +100%FREE /dev/vg1/lv2
Size of logical volume vg1/lv2 changed from <7.50 GiB (1919 extents) to 9.49 GiB (2430 extents).
Logical volume vg1/lv2 successfully resized.
[root@server ~]# lvs
LV VG Attr LSize Pool Origin Data% Meta% Move Log Cpy%Sync Convert
root centos -wi-ao---- <26.00g
swap centos -wi-ao---- 3.00g
lv1 vg1 -wi-ao---- 9.49g
lv2 vg1 -wi-ao---- 9.49g
[root@server ~]# vgs
VG #PV #LV #SN Attr VSize VFree
centos 1 2 0 wz--n- <29.00g 0
vg1 4 2 0 wz--n- 18.98g 0
[root@server ~]# lsblk
NAME MAJ:MIN RM SIZE RO TYPE MOUNTPOINT
sda 8:0 0 30G 0 disk
├─sda1 8:1 0 1G 0 part /boot
├─sda2 8:2 0 29G 0 part
│ └─centos-root 253:0 0 26G 0 lvm /
│ └─centos-swap 253:1 0 3G 0 lvm [SWAP]
sdb 8:16 0 5G 0 disk
├─sdb1 8:17 0 5G 0 part
sdc 8:32 0 5G 0 disk
├─sdc1 8:33 0 5G 0 part
│ └─vg1-lv1 253:2 0 9.5G 0 lvm /lvm1
sdd 8:48 0 5G 0 disk
├─sdd1 8:49 0 5G 0 part
│ └─vg1-lv1 253:2 0 9.5G 0 lvm /lvm1
│ └─vg1-lv2 253:3 0 9.5G 0 lvm /lvm2
sde 8:64 0 5G 0 disk
├─sde1 8:65 0 5G 0 part
│ └─vg1-lv2 253:3 0 9.5G 0 lvm /lvm2
sdf 8:80 0 4G 0 disk
├─sdf1 8:81 0 4G 0 part
│ └─vg1-lv1 253:2 0 9.5G 0 lvm /lvm1
│ └─vg1-lv2 253:3 0 9.5G 0 lvm /lvm2
sr0 11:0 1 4.4G 0 rom /run/media/root/CentOS 7 x86_64
```

```
File Edit View Search Terminal Help
[root@server ~]# lsblk
NAME MAJ:MIN RM SIZE RO TYPE MOUNTPOINT
sda 8:0 0 30G 0 disk
├─sda1 8:1 0 1G 0 part /boot
├─sda2 8:2 0 29G 0 part
│ └─centos-root 253:0 0 26G 0 lvm /
│ └─centos-swap 253:1 0 3G 0 lvm [SWAP]
sdb 8:16 0 5G 0 disk
├─sdb1 8:17 0 5G 0 part
sdc 8:32 0 5G 0 disk
├─sdc1 8:33 0 5G 0 part
│ └─vg1-lv1 253:2 0 9.5G 0 lvm /lvm1
sdd 8:48 0 5G 0 disk
├─sdd1 8:49 0 5G 0 part
│ └─vg1-lv1 253:2 0 9.5G 0 lvm /lvm1
│ └─vg1-lv2 253:3 0 9.5G 0 lvm /lvm2
sde 8:64 0 5G 0 disk
├─sde1 8:65 0 5G 0 part
│ └─vg1-lv2 253:3 0 9.5G 0 lvm /lvm2
sdf 8:80 0 4G 0 disk
├─sdf1 8:81 0 4G 0 part
│ └─vg1-lv1 253:2 0 9.5G 0 lvm /lvm1
│ └─vg1-lv2 253:3 0 9.5G 0 lvm /lvm2
sr0 11:0 1 4.4G 0 rom /run/media/root/CentOS 7 x86_64
```

```
File Edit View Search Terminal Help
[root@server ~]# lvdisplay /dev/vg1/lv1
--- Logical volume ---
LV Path                /dev/vg1/lv1
LV Name                lv1
VG Name                vg1
LV UUID                kk2JWM-8QG5-mnvK-qqrC-HV50-fcWt-MmqYwg
LV Write Access        read/write
LV Creation host, time server, 2024-04-28 17:40:11 +0530
LV Status              available
# open                 1
LV Size                9.49 GiB
Current LE             2430
Segments               3
Allocation              inherit
Read ahead sectors     auto
- currently set to     8192
Block device           253:2

[root@server ~]# lvdisplay /dev/vg1/lv2
--- Logical volume ---
LV Path                /dev/vg1/lv2
LV Name                lv2
VG Name                vg1
LV UUID                b1luxp-EXR2-fv8U-H0LP-0o4r-Qxwv-InSxkW
LV Write Access        read/write
LV Creation host, time server, 2024-04-28 17:40:27 +0530
LV Status              available
# open                 1
LV Size                9.49 GiB
Current LE             2430
Segments               3
Allocation              inherit
Read ahead sectors     auto
- currently set to     8192
Block device           253:3
```

Final step : Resize the file system to utilize the additional space

```
Application File Edit View VM Tabs Help root@server:~
File Edit View Search Terminal Help
[root@server ~]# df -h /lvm1
Filesystem      Size  Used Avail Use% Mounted on
/dev/mapper/vg1-lv1 7.5G  33M  7.5G   1% /lvm1
[root@server ~]# df -h /lvm2
Filesystem      Size  Used Avail Use% Mounted on
/dev/mapper/vg1-lv2 7.3G  34M  6.9G   1% /lvm2
[root@server ~]# xfs_growfs /dev/vg1/lv1
meta-data=/dev/mapper/vg1-lv1 isize=512    agcount=4, agsize=491008 blks
       =                       sectsz=512   attr=2, projid32bit=1
       =                       crc=1        finobt=0, spinodes=0
data      =                       bsize=4096  blocks=1964032, imaxpct=25
       =                       sunit=0      swidth=0 blks
naming    =version 2              bsize=4096  ascii-ci=0 ftype=1
log       =internal              bsize=4096  blocks=2560, version=2
       =                       sectsz=512   sunit=0 blks, lazy-count=1
realtime  =none                  extsz=4096  blocks=0, rtextents=0
data blocks changed from 1964032 to 2488320
[root@server ~]# resizefs /dev/vg1/lv2
bash: resizefs: command not found...
[root@server ~]# resize2fs /dev/vg1/lv2
resize2fs 1.42.9 (28-Dec-2013)
Filesystem at /dev/vg1/lv2 is mounted on /lvm2; on-line resizing required
old_desc_blocks = 1, new_desc_blocks = 2
The filesystem on /dev/vg1/lv2 is now 2488320 blocks long.

[root@server ~]# df -h /lvm1
Filesystem      Size  Used Avail Use% Mounted on
/dev/mapper/vg1-lv1 9.5G  33M  9.5G   1% /lvm1
[root@server ~]# df -h /lvm2
Filesystem      Size  Used Avail Use% Mounted on
/dev/mapper/vg1-lv2 9.3G  34M  8.8G   1% /lvm2
[root@server ~]#
```

Completed !!!