[root@localhost /]# fdisk -l | grep sd

Disk /dev/sda: 32.2 GB, 32212254720 bytes, 62914560 sectors

/dev/sda1 \* 2048 2099199 1048576 83 Linux

/dev/sda2 2099200 59932671 28916736 8e Linux LVM

Disk /dev/sdb: 2147 MB, 2147483648 bytes, 4194304 sectors

/dev/sdb1 2048 411647 204800 83 Linux

/dev/sdb2 411648 1230847 409600 83 Linux

/dev/sdb3 1230848 2664447 716800 83 Linux

Disk /dev/sdc: 7516 MB, 7516192768 bytes, 14680064 sectors

Disk /dev/sdd: 3221 MB, 3221225472 bytes, 6291456 sectors

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[root@localhost /]# df -h

Filesystem Size Used Avail Use% Mounted on

/dev/mapper/centos-root 10G 4.0G 6.1G 40% /

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/sda1 1014M 179M 836M 18% /boot

/dev/mapper/centos-opt 4.9G 33M 4.9G 1% /opt

/dev/mapper/centos-home 11G 47M 9.9G 1% /home

tmpfs 378M 4.0K 378M 1% /run/user/42

tmpfs 378M 44K 378M 1% /run/user/1000

/dev/sr0 4.3G 4.3G 0 100% /run/media/admin/CentOS 7 x86\_64

/dev/sdb1 190M 1.6M 179M 1% /2GB/apps

/dev/sdb2 397M 21M 377M 6% /2GB/data

/dev/mapper/vg\_data-vg\_app 7.6G 36M 7.2G 1% /lvm/vg\_app

/dev/mapper/vg\_data-vg\_data 772M 828K 731M 1% /lvm/vg\_data

[root@localhost /]# swapon

NAME TYPE SIZE USED PRIO

/dev/dm-1 partition 2G 0B -2

[root@localhost /]# cat /etc/fstab

#

# /etc/fstab

# Created by anaconda on Mon Aug 26 03:52:26 2019

#

# 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=0ae454a7-3a48-412e-bd7f-40fcf5b988d4 /boot xfs defaults 0 0

/dev/mapper/centos-home /home ext4 defaults 1 2

/dev/mapper/centos-opt /opt xfs defaults 0 0

/dev/mapper/centos-swap swap swap defaults 0 0

/dev/sdb1 /2GB/apps ext3 defaults 0 0

/dev/sdb2 /2GB/data xfs defaults 0 0

/dev/sdb3 swap swap defaults 0 0

/dev/vg\_data/vg\_app /lvm/vg\_app ext4 defaults 0 0

/dev/vg\_data/vg\_data /lvm/vg\_data ext3 defaults 0 0

[root@localhost /]# lvdisplay

--- Logical volume ---

LV Path /dev/centos/root

LV Name root

VG Name centos

LV UUID Sfh3GA-ZdOb-0bpO-6dFa-LAUx-ZPRL-hp2Qow

LV Write Access read/write

LV Creation host, time localhost, 2019-08-26 03:52:23 -0600

LV Status available

# open 1

LV Size 10.00 GiB

Current LE 2560

Segments 1

Allocation inherit

Read ahead sectors auto

- currently set to 8192

Block device 253:0

--- Logical volume ---

LV Path /dev/centos/swap

LV Name swap

VG Name centos

LV UUID gDlyfx-rWox-Zkh6-ogn5-6N7Y-CrXL-FcPCgb

LV Write Access read/write

LV Creation host, time localhost, 2019-08-26 03:52:24 -0600

LV Status available

# open 2

LV Size <1.95 GiB

Current LE 499

Segments 1

Allocation inherit

Read ahead sectors auto

- currently set to 8192

Block device 253:1

--- Logical volume ---

LV Path /dev/centos/home

LV Name home

VG Name centos

LV UUID JF6q8J-PWdL-3eM0-v3Oe-BPns-HdQL-56Nn2m

LV Write Access read/write

LV Creation host, time localhost, 2019-08-26 03:52:24 -0600

LV Status available

# open 1

LV Size 10.74 GiB

Current LE 2750

Segments 1

Allocation inherit

Read ahead sectors auto

- currently set to 8192

Block device 253:2

--- Logical volume ---

LV Path /dev/centos/opt

LV Name opt

VG Name centos

LV UUID WZu1Km-FgKx-Kt9I-iGer-5B7g-t8sE-7o3yrq

LV Write Access read/write

LV Creation host, time localhost, 2019-08-26 03:52:25 -0600

LV Status available

# open 1

LV Size 4.88 GiB

Current LE 1250

Segments 1

Allocation inherit

Read ahead sectors auto

- currently set to 8192

Block device 253:3

--- Logical volume ---

LV Path /dev/vg\_data/vg\_app

LV Name vg\_app

VG Name vg\_data

LV UUID Wjpxyc-TjY7-g36l-vSQu-YwmU-n2KJ-OrZt3D

LV Write Access read/write

LV Creation host, time localhost.localdomain, 2019-08-26 13:42:47 -0600

LV Status available

# open 1

LV Size 7.81 GiB

Current LE 2000

Segments 2

Allocation inherit

Read ahead sectors auto

- currently set to 8192

Block device 253:4

--- Logical volume ---

LV Path /dev/vg\_data/vg\_data

LV Name vg\_data

VG Name vg\_data

LV UUID hS129n-6gIY-deR4-3bmr-yU4j-Ulme-atk7KH

LV Write Access read/write

LV Creation host, time localhost.localdomain, 2019-08-26 13:43:11 -0600

LV Status available

# open 1

LV Size 800.00 MiB

Current LE 200

Segments 1

Allocation inherit

Read ahead sectors auto

- currently set to 8192

Block device 253:5