[root@localhost ~]# lsblk

NAME MAJ:MIN RM SIZE RO TYPE MOUNTPOINT

sda 8:0 0 20G 0 disk

├─sda1 8:1 0 1G 0 part /boot

└─sda2 8:2 0 19G 0 part

├─centos-root 253:0 0 17G 0 lvm /

└─centos-swap 253:1 0 2G 0 lvm [SWAP]

sdb 8:16 0 1G 0 disk

sdc 8:32 0 1G 0 disk

sdd 8:48 0 1G 0 disk

sde 8:64 0 1G 0 disk

sr0 11:0 1 973M 0 rom

[root@localhost ~]# yum update -y

[root@localhost ~]# mdadm --create --verbose /dev/md01 --level=1 --raid-devices=2 /dev/sdb /dev/sdc

mdadm: Note: this array has metadata at the start and

may not be suitable as a boot device. If you plan to

store '/boot' on this device please ensure that

your boot-loader understands md/v1.x metadata, or use

--metadata=0.90

mdadm: size set to 1046528K

Continue creating array? yes

mdadm: Defaulting to version 1.2 metadata

mdadm: array /dev/md01 started.

mdadm: timeout waiting for /dev/md01

[root@localhost ~]# mdadm --create --verbose /dev/md02 --level=1 --raid-devices=2 /dev/sdd /dev/sde

mdadm: Note: this array has metadata at the start and

may not be suitable as a boot device. If you plan to

store '/boot' on this device please ensure that

your boot-loader understands md/v1.x metadata, or use

--metadata=0.90

mdadm: size set to 1046528K

Continue creating array? yes

mdadm: Defaulting to version 1.2 metadata

mdadm: array /dev/md02 started.

mdadm: timeout waiting for /dev/md02

[root@localhost ~]# mdadm --detail /dev/md01

mdadm: cannot open /dev/md01: No such file or directory

[root@localhost ~]# lsblk

NAME MAJ:MIN RM SIZE RO TYPE MOUNTPOINT

sda 8:0 0 20G 0 disk

├─sda1 8:1 0 1G 0 part /boot

└─sda2 8:2 0 19G 0 part

├─centos-root 253:0 0 17G 0 lvm /

└─centos-swap 253:1 0 2G 0 lvm [SWAP]

sdb 8:16 0 1G 0 disk

└─md1 9:1 0 1022M 0 raid1

sdc 8:32 0 1G 0 disk

└─md1 9:1 0 1022M 0 raid1

sdd 8:48 0 1G 0 disk

└─md2 9:2 0 1022M 0 raid1

sde 8:64 0 1G 0 disk

└─md2 9:2 0 1022M 0 raid1

sr0 11:0 1 973M 0 rom

[root@localhost ~]# fdisk /dev/md01

fdisk: cannot open /dev/md01: No such file or directory

[root@localhost ~]# fdisk /dev/md1

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 0xd441f233.

Command (m for help): n

Partition type:

p primary (0 primary, 0 extended, 4 free)

e extended

Select (default p): p

Partition number (1-4, default 1):

First sector (2048-2093055, default 2048):

Using default value 2048

Last sector, +sectors or +size{K,M,G} (2048-2093055, default 2093055):

Using default value 2093055

Partition 1 of type Linux and of size 1021 MiB is set

Command (m for help): w

The partition table has been altered!

Calling ioctl() to re-read partition table.

Syncing disks.

[root@localhost ~]# fdisk /dev/md2

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 0x1d8a58aa.

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 (2048-2093055, default 2048):

Using default value 2048

Last sector, +sectors or +size{K,M,G} (2048-2093055, default 2093055):

Using default value 2093055

Partition 1 of type Linux and of size 1021 MiB is set

Command (m for help): w

The partition table has been altered!

Calling ioctl() to re-read partition table.

Syncing disks.

[root@localhost ~]# mdadm --detail /dev/md1

/dev/md1:

Version : 1.2

Creation Time : Sat Jul 8 23:47:25 2023

Raid Level : raid1

Array Size : 1046528 (1022.00 MiB 1071.64 MB)

Used Dev Size : 1046528 (1022.00 MiB 1071.64 MB)

Raid Devices : 2

Total Devices : 2

Persistence : Superblock is persistent

Update Time : Sat Jul 8 23:50:11 2023

State : clean

Active Devices : 2

Working Devices : 2

Failed Devices : 0

Spare Devices : 0

Consistency Policy : resync

Name : localhost.localdomain:01 (local to host localhost.localdomain)

UUID : 284b8cb7:2845e7f4:6a32ceb9:76c07593

Events : 17

Number Major Minor RaidDevice State

0 8 16 0 active sync /dev/sdb

1 8 32 1 active sync /dev/sdc

[root@localhost ~]# mdadm --detail /dev/md2

/dev/md2:

Version : 1.2

Creation Time : Sat Jul 8 23:48:03 2023

Raid Level : raid1

Array Size : 1046528 (1022.00 MiB 1071.64 MB)

Used Dev Size : 1046528 (1022.00 MiB 1071.64 MB)

Raid Devices : 2

Total Devices : 2

Persistence : Superblock is persistent

Update Time : Sat Jul 8 23:50:50 2023

State : clean

Active Devices : 2

Working Devices : 2

Failed Devices : 0

Spare Devices : 0

Consistency Policy : resync

Name : localhost.localdomain:02 (local to host localhost.localdomain)

UUID : 3dbbda41:3255f5d8:17c296dc:e72425c8

Events : 17

Number Major Minor RaidDevice State

0 8 48 0 active sync /dev/sdd

1 8 64 1 active sync /dev/sde

[root@localhost ~]# mdadm --create --verbose /dev/md0102 --level=0 --raid-devices=2 /dev/md1 /dev/md2

mdadm: chunk size defaults to 512K

mdadm: partition table exists on /dev/md1

mdadm: partition table exists on /dev/md1 but will be lost or

meaningless after creating array

mdadm: partition table exists on /dev/md2

mdadm: partition table exists on /dev/md2 but will be lost or

meaningless after creating array

Continue creating array? yes

mdadm: Defaulting to version 1.2 metadata

mdadm: array /dev/md0102 started.

mdadm: timeout waiting for /dev/md0102

[root@localhost ~]# mdadm --detail /dev/md0102

mdadm: cannot open /dev/md0102: No such file or directory

[root@localhost ~]# lsblk

NAME MAJ:MIN RM SIZE RO TYPE MOUNTPOINT

sda 8:0 0 20G 0 disk

├─sda1 8:1 0 1G 0 part /boot

└─sda2 8:2 0 19G 0 part

├─centos-root 253:0 0 17G 0 lvm /

└─centos-swap 253:1 0 2G 0 lvm [SWAP]

sdb 8:16 0 1G 0 disk

└─md1 9:1 0 1022M 0 raid1

├─md1p1 259:1 0 1021M 0 md

└─md102 9:102 0 2G 0 raid0

sdc 8:32 0 1G 0 disk

└─md1 9:1 0 1022M 0 raid1

├─md1p1 259:1 0 1021M 0 md

└─md102 9:102 0 2G 0 raid0

sdd 8:48 0 1G 0 disk

└─md2 9:2 0 1022M 0 raid1

├─md2p1 259:2 0 1021M 0 md

└─md102 9:102 0 2G 0 raid0

sde 8:64 0 1G 0 disk

└─md2 9:2 0 1022M 0 raid1

├─md2p1 259:2 0 1021M 0 md

└─md102 9:102 0 2G 0 raid0

sr0 11:0 1 973M 0 rom

[root@localhost ~]# mdadm --detail /dev/md102

/dev/md102:

Version : 1.2

Creation Time : Sat Jul 8 23:54:28 2023

Raid Level : raid0

Array Size : 2088960 (2040.00 MiB 2139.10 MB)

Raid Devices : 2

Total Devices : 2

Persistence : Superblock is persistent

Update Time : Sat Jul 8 23:54:28 2023

State : clean

Active Devices : 2

Working Devices : 2

Failed Devices : 0

Spare Devices : 0

Chunk Size : 512K

Consistency Policy : none

Name : localhost.localdomain:0102 (local to host localhost.localdomain)

UUID : 28a680d9:a36ca630:ef2efe6b:85517566

Events : 0

Number Major Minor RaidDevice State

0 9 1 0 active sync /dev/md1

1 9 2 1 active sync /dev/md2

[root@localhost ~]# mdadm --fail /dev/md1 /dev/sdc

mdadm: set /dev/sdc faulty in /dev/md1

[root@localhost ~]# mdadm --detail /dev/md1

/dev/md1:

Version : 1.2

Creation Time : Sat Jul 8 23:47:25 2023

Raid Level : raid1

Array Size : 1046528 (1022.00 MiB 1071.64 MB)

Used Dev Size : 1046528 (1022.00 MiB 1071.64 MB)

Raid Devices : 2

Total Devices : 2

Persistence : Superblock is persistent

Update Time : Sat Jul 8 23:59:47 2023

State : clean, degraded

Active Devices : 1

Working Devices : 1

Failed Devices : 1

Spare Devices : 0

Consistency Policy : resync

Name : localhost.localdomain:01 (local to host localhost.localdomain)

UUID : 284b8cb7:2845e7f4:6a32ceb9:76c07593

Events : 19

Number Major Minor RaidDevice State

0 8 16 0 active sync /dev/sdb

- 0 0 1 removed

1 8 32 - faulty /dev/sdc

[root@localhost ~]# mdadm --fail /dev/md2 /dev/sde

mdadm: set /dev/sde faulty in /dev/md2

[root@localhost ~]# mdadm --detail /dev/md2

/dev/md2:

Version : 1.2

Creation Time : Sat Jul 8 23:48:03 2023

Raid Level : raid1

Array Size : 1046528 (1022.00 MiB 1071.64 MB)

Used Dev Size : 1046528 (1022.00 MiB 1071.64 MB)

Raid Devices : 2

Total Devices : 2

Persistence : Superblock is persistent

Update Time : Sun Jul 9 00:00:26 2023

State : clean, degraded

Active Devices : 1

Working Devices : 1

Failed Devices : 1

Spare Devices : 0

Consistency Policy : resync

Name : localhost.localdomain:02 (local to host localhost.localdomain)

UUID : 3dbbda41:3255f5d8:17c296dc:e72425c8

Events : 19

Number Major Minor RaidDevice State

0 8 48 0 active sync /dev/sdd

- 0 0 1 removed

1 8 64 - faulty /dev/sde

[root@localhost ~]# mdadm --fail /dev/md2 /dev/sdd

mdadm: set device faulty failed for /dev/sdd: Device or resource busy

[root@localhost ~]# mdadm --detail /dev/md102

/dev/md102:

Version : 1.2

Creation Time : Sat Jul 8 23:54:28 2023

Raid Level : raid0

Array Size : 2088960 (2040.00 MiB 2139.10 MB)

Raid Devices : 2

Total Devices : 2

Persistence : Superblock is persistent

Update Time : Sat Jul 8 23:54:28 2023

State : clean

Active Devices : 2

Working Devices : 2

Failed Devices : 0

Spare Devices : 0

Chunk Size : 512K

Consistency Policy : none

Name : localhost.localdomain:0102 (local to host localhost.localdomain)

UUID : 28a680d9:a36ca630:ef2efe6b:85517566

Events : 0

Number Major Minor RaidDevice State

0 9 1 0 active sync /dev/md1

1 9 2 1 active sync /dev/md2

[root@localhost ~]# mdadm --add /dev/md2 /dev/sdd

mdadm: Cannot open /dev/sdd: Device or resource busy

[root@localhost ~]# mdadm -r /dev/md2 /dev/sdd

mdadm: hot remove failed for /dev/sdd: Device or resource busy

[root@localhost ~]# mdadm -r /dev/md1 /dev/sdc

mdadm: hot removed /dev/sdc from /dev/md1

[root@localhost ~]# mdadm -add /dev/md1 /dev/sdc

mdadm: option -d not valid in manage mode

[root@localhost ~]# mdadm --add /dev/md1 /dev/sdc

mdadm: added /dev/sdc

[root@localhost ~]# mdadm -r /dev/md2 /dev/sde

mdadm: hot removed /dev/sde from /dev/md2

[root@localhost ~]# mdadm --add /dev/md2 /dev/sde

mdadm: added /dev/sde

[root@localhost ~]# mdadm --detail /dev/md1

/dev/md1:

Version : 1.2

Creation Time : Sat Jul 8 23:47:25 2023

Raid Level : raid1

Array Size : 1046528 (1022.00 MiB 1071.64 MB)

Used Dev Size : 1046528 (1022.00 MiB 1071.64 MB)

Raid Devices : 2

Total Devices : 2

Persistence : Superblock is persistent

Update Time : Sun Jul 9 00:02:50 2023

State : clean

Active Devices : 2

Working Devices : 2

Failed Devices : 0

Spare Devices : 0

Consistency Policy : resync

Name : localhost.localdomain:01 (local to host localhost.localdomain)

UUID : 284b8cb7:2845e7f4:6a32ceb9:76c07593

Events : 39

Number Major Minor RaidDevice State

0 8 16 0 active sync /dev/sdb

2 8 32 1 active sync /dev/sdc

[root@localhost ~]# mdadm --detail /dev/md2

/dev/md2:

Version : 1.2

Creation Time : Sat Jul 8 23:48:03 2023

Raid Level : raid1

Array Size : 1046528 (1022.00 MiB 1071.64 MB)

Used Dev Size : 1046528 (1022.00 MiB 1071.64 MB)

Raid Devices : 2

Total Devices : 2

Persistence : Superblock is persistent

Update Time : Sun Jul 9 00:03:18 2023

State : clean

Active Devices : 2

Working Devices : 2

Failed Devices : 0

Spare Devices : 0

Consistency Policy : resync

Name : localhost.localdomain:02 (local to host localhost.localdomain)

UUID : 3dbbda41:3255f5d8:17c296dc:e72425c8

Events : 39

Number Major Minor RaidDevice State

0 8 48 0 active sync /dev/sdd

2 8 64 1 active sync /dev/sde

[root@localhost ~]# mdadm --detail /dev/md102

/dev/md102:

Version : 1.2

Creation Time : Sat Jul 8 23:54:28 2023

Raid Level : raid0

Array Size : 2088960 (2040.00 MiB 2139.10 MB)

Raid Devices : 2

Total Devices : 2

Persistence : Superblock is persistent

Update Time : Sat Jul 8 23:54:28 2023

State : clean

Active Devices : 2

Working Devices : 2

Failed Devices : 0

Spare Devices : 0

Chunk Size : 512K

Consistency Policy : none

Name : localhost.localdomain:0102 (local to host localhost.localdomain)

UUID : 28a680d9:a36ca630:ef2efe6b:85517566

Events : 0

Number Major Minor RaidDevice State

0 9 1 0 active sync /dev/md1

1 9 2 1 active sync /dev/md2

[root@localhost ~]#

root@localhost ~]# history

1 lsblk

2 yum update -y

3 yum install mdadm -y

4 mdadm --create --verbose /dev/md01 --level=1 --raid-devices=2 /dev/sdb /dev/sdc

5 mdadm --create --verbose /dev/md02 --level=1 --raid-devices=2 /dev/sdd /dev/sde

6 mdadm --detail /dev/md01

7 lsblk

8 fdisk /dev/md01

9 fdisk /dev/md1

10 fdisk /dev/md2

11 mdadm --detail /dev/md1

12 mdadm --detail /dev/md2

13 mdadm --create --verbose /dev/md0102 --level=0 --raid-devices=2 /dev/sdf /dev/sdg

14 mdadm --create --verbose /dev/md0102 --level=0 --raid-devices=2 /dev/md1 /dev/md2

15 mdadm --detail /dev/md0102

16 lsblk

17 mdadm --detail /dev/md102

18 mdadm --fail /dev/md1 /dev/sdc

19 mdadm --detail /dev/md1

20 mdadm --fail /dev/md2 /dev/sde

21 mdadm --detail /dev/md2

22 mdadm --fail /dev/md2 /dev/sdd

23 mdadm --detail /dev/md102

24 mdadm --add /dev/md2 /dev/sdd

25 mdadm -r /dev/md2 /dev/sdd

26 mdadm -r /dev/md1 /dev/sdc

27 mdadm -add /dev/md1 /dev/sdc

28 mdadm --add /dev/md1 /dev/sdc

29 mdadm -r /dev/md2 /dev/sde

30 mdadm --add /dev/md2 /dev/sde

31 mdadm --detail /dev/md1

32 mdadm --detail /dev/md2

33 mdadm --detail /dev/md102

34 history

[root@localhost ~]#

-------------------------------------for mounting the raid10---------------------------

[root@localhost ~]# cd /mnt/

[root@localhost mnt]# ll

total 0

[root@localhost mnt]# mkdir raid10

[root@localhost mnt]# cd raid10/

[root@localhost raid10]# mount /dev/md102 /mnt/raid10

mount: /dev/md102 is write-protected, mounting read-only

mount: unknown filesystem type '(null)'

[root@localhost raid10]# fdisk /dev/md1

md1 md102 md1p1

[root@localhost raid10]# fdisk /dev/md102

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 0xb40872d4.

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 (2048-4177919, default 2048):

Using default value 2048

Last sector, +sectors or +size{K,M,G} (2048-4177919, default 4177919):

Using default value 4177919

Partition 1 of type Linux and of size 2 GiB is set

Command (m for help): w

The partition table has been altered!

Calling ioctl() to re-read partition table.

Syncing disks.

[root@localhost raid10]# mkfs.ext4 /dev/md

md1 md102 md102p1 md1p1 md2 md2p1

[root@localhost raid10]# mkfs.ext4 /dev/md102

md102 md102p1

[root@localhost raid10]# mkfs.ext4 /dev/md102p1

mke2fs 1.42.9 (28-Dec-2013)

Filesystem label=

OS type: Linux

Block size=4096 (log=2)

Fragment size=4096 (log=2)

Stride=128 blocks, Stripe width=256 blocks

130560 inodes, 521984 blocks

26099 blocks (5.00%) reserved for the super user

First data block=0

Maximum filesystem blocks=534773760

16 block groups

32768 blocks per group, 32768 fragments per group

8160 inodes per group

Superblock backups stored on blocks:

32768, 98304, 163840, 229376, 294912

Allocating group tables: done

Writing inode tables: done

Creating journal (8192 blocks): done

Writing superblocks and filesystem accounting information: done

[root@localhost raid10]# mount /dev/md102p1 /mnt/raid10

[root@localhost raid10]# df -h

Filesystem Size Used Avail Use% Mounted on

devtmpfs 475M 0 475M 0% /dev

tmpfs 487M 0 487M 0% /dev/shm

tmpfs 487M 7.7M 479M 2% /run

tmpfs 487M 0 487M 0% /sys/fs/cgroup

/dev/mapper/centos-root 17G 1.7G 16G 10% /

/dev/sda1 1014M 168M 847M 17% /boot

tmpfs 98M 0 98M 0% /run/user/0

/dev/md102p1 2.0G 6.0M 1.9G 1% /mnt/raid10

[root@localhost raid10]# fdisk -l

Disk /dev/sdb: 1073 MB, 1073741824 bytes, 2097152 sectors

Units = sectors of 1 \* 512 = 512 bytes

Sector size (logical/physical): 512 bytes / 512 bytes

I/O size (minimum/optimal): 512 bytes / 512 bytes

Disk /dev/sdc: 1073 MB, 1073741824 bytes, 2097152 sectors

Units = sectors of 1 \* 512 = 512 bytes

Sector size (logical/physical): 512 bytes / 512 bytes

I/O size (minimum/optimal): 512 bytes / 512 bytes

Disk /dev/sdd: 1073 MB, 1073741824 bytes, 2097152 sectors

Units = sectors of 1 \* 512 = 512 bytes

Sector size (logical/physical): 512 bytes / 512 bytes

I/O size (minimum/optimal): 512 bytes / 512 bytes

Disk /dev/sde: 1073 MB, 1073741824 bytes, 2097152 sectors

Units = sectors of 1 \* 512 = 512 bytes

Sector size (logical/physical): 512 bytes / 512 bytes

I/O size (minimum/optimal): 512 bytes / 512 bytes

Disk /dev/sda: 21.5 GB, 21474836480 bytes, 41943040 sectors

Units = sectors of 1 \* 512 = 512 bytes

Sector size (logical/physical): 512 bytes / 512 bytes

I/O size (minimum/optimal): 512 bytes / 512 bytes

Disk label type: dos

Disk identifier: 0x000cd7d9

Device Boot Start End Blocks Id System

/dev/sda1 \* 2048 2099199 1048576 83 Linux

/dev/sda2 2099200 41943039 19921920 8e Linux LVM

Disk /dev/mapper/centos-root: 18.2 GB, 18249416704 bytes, 35643392 sectors

Units = sectors of 1 \* 512 = 512 bytes

Sector size (logical/physical): 512 bytes / 512 bytes

I/O size (minimum/optimal): 512 bytes / 512 bytes

Disk /dev/mapper/centos-swap: 2147 MB, 2147483648 bytes, 4194304 sectors

Units = sectors of 1 \* 512 = 512 bytes

Sector size (logical/physical): 512 bytes / 512 bytes

I/O size (minimum/optimal): 512 bytes / 512 bytes

Disk /dev/md1: 1071 MB, 1071644672 bytes, 2093056 sectors

Units = sectors of 1 \* 512 = 512 bytes

Sector size (logical/physical): 512 bytes / 512 bytes

I/O size (minimum/optimal): 512 bytes / 512 bytes

Disk label type: dos

Disk identifier: 0xd441f233

Device Boot Start End Blocks Id System

/dev/md1p1 2048 2093055 1045504 83 Linux

Disk /dev/md2: 1071 MB, 1071644672 bytes, 2093056 sectors

Units = sectors of 1 \* 512 = 512 bytes

Sector size (logical/physical): 512 bytes / 512 bytes

I/O size (minimum/optimal): 512 bytes / 512 bytes

Disk label type: dos

Disk identifier: 0x1d8a58aa

Device Boot Start End Blocks Id System

/dev/md2p1 2048 2093055 1045504 83 Linux

Disk /dev/md102: 2139 MB, 2139095040 bytes, 4177920 sectors

Units = sectors of 1 \* 512 = 512 bytes

Sector size (logical/physical): 512 bytes / 512 bytes

I/O size (minimum/optimal): 524288 bytes / 1048576 bytes

Disk label type: dos

Disk identifier: 0xb40872d4

Device Boot Start End Blocks Id System

/dev/md102p1 2048 4177919 2087936 83 Linux

[root@localhost raid10]# fdisk -l

Disk /dev/sdb: 1073 MB, 1073741824 bytes, 2097152 sectors

Units = sectors of 1 \* 512 = 512 bytes

Sector size (logical/physical): 512 bytes / 512 bytes

I/O size (minimum/optimal): 512 bytes / 512 bytes

Disk /dev/sdc: 1073 MB, 1073741824 bytes, 2097152 sectors

Units = sectors of 1 \* 512 = 512 bytes

Sector size (logical/physical): 512 bytes / 512 bytes

I/O size (minimum/optimal): 512 bytes / 512 bytes

Disk /dev/sdd: 1073 MB, 1073741824 bytes, 2097152 sectors

Units = sectors of 1 \* 512 = 512 bytes

Sector size (logical/physical): 512 bytes / 512 bytes

I/O size (minimum/optimal): 512 bytes / 512 bytes

Disk /dev/sde: 1073 MB, 1073741824 bytes, 2097152 sectors

Units = sectors of 1 \* 512 = 512 bytes

Sector size (logical/physical): 512 bytes / 512 bytes

I/O size (minimum/optimal): 512 bytes / 512 bytes

Disk /dev/sda: 21.5 GB, 21474836480 bytes, 41943040 sectors

Units = sectors of 1 \* 512 = 512 bytes

Sector size (logical/physical): 512 bytes / 512 bytes

I/O size (minimum/optimal): 512 bytes / 512 bytes

Disk label type: dos

Disk identifier: 0x000cd7d9

Device Boot Start End Blocks Id System

/dev/sda1 \* 2048 2099199 1048576 83 Linux

/dev/sda2 2099200 41943039 19921920 8e Linux LVM

Disk /dev/mapper/centos-root: 18.2 GB, 18249416704 bytes, 35643392 sectors

Units = sectors of 1 \* 512 = 512 bytes

Sector size (logical/physical): 512 bytes / 512 bytes

I/O size (minimum/optimal): 512 bytes / 512 bytes

Disk /dev/mapper/centos-swap: 2147 MB, 2147483648 bytes, 4194304 sectors

Units = sectors of 1 \* 512 = 512 bytes

Sector size (logical/physical): 512 bytes / 512 bytes

I/O size (minimum/optimal): 512 bytes / 512 bytes

Disk /dev/md1: 1071 MB, 1071644672 bytes, 2093056 sectors

Units = sectors of 1 \* 512 = 512 bytes

Sector size (logical/physical): 512 bytes / 512 bytes

I/O size (minimum/optimal): 512 bytes / 512 bytes

Disk label type: dos

Disk identifier: 0xd441f233

Device Boot Start End Blocks Id System

/dev/md1p1 2048 2093055 1045504 83 Linux

Disk /dev/md2: 1071 MB, 1071644672 bytes, 2093056 sectors

Units = sectors of 1 \* 512 = 512 bytes

Sector size (logical/physical): 512 bytes / 512 bytes

I/O size (minimum/optimal): 512 bytes / 512 bytes

Disk label type: dos

Disk identifier: 0x1d8a58aa

Device Boot Start End Blocks Id System

/dev/md2p1 2048 2093055 1045504 83 Linux

Disk /dev/md102: 2139 MB, 2139095040 bytes, 4177920 sectors

Units = sectors of 1 \* 512 = 512 bytes

Sector size (logical/physical): 512 bytes / 512 bytes

I/O size (minimum/optimal): 524288 bytes / 1048576 bytes

Disk label type: dos

Disk identifier: 0xb40872d4

Device Boot Start End Blocks Id System

/dev/md102p1 2048 4177919 2087936 83 Linux

[root@localhost raid10]# ls -la /mnt/raid10/

total 20

drwxr-xr-x. 3 root root 4096 Jul 9 00:16 .

drwxr-xr-x. 3 root root 20 Jul 9 00:14 ..

drwx------. 2 root root 16384 Jul 9 00:16 lost+found

[root@localhost raid10]#