

Raid1

Trước

```
[root@bhdudc ~]# cat /proc/mdstat
Personalities : [raid1]
md1 : active raid1 sdc2[1] sdb2[0]
      15719424 blocks super 1.2 [2/2] [UU]

unused devices: <none>
[root@bhdudc ~]# █
```

```
[root@bhdudc ~]# cat /etc/mdadm.conf
ARRAY /dev/md1 level=raid1 num-devices=2 metadata=1.2 name=bhdudc:1
UUID=a0136176:754b48c8:4763dbb3:0659eac0
      devices=/dev/sdb2,/dev/sdc2
[root@bhdudc ~]# █
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```
[ 0.000000] Detected CPU family 6 model 154 stepping 4
[ 0.000000] Warning: Intel Processor - this hardware has not undergone upstre
am testing. Please consult http://wiki.centos.org/FAQ for more information
[ 3.454148] sd 2:0:0:0: [sda] Assuming drive cache: write through
[ 3.454424] sd 2:0:1:0: [sdb] Assuming drive cache: write through
[ 3.455448] sd 2:0:2:0: [sdc] Assuming drive cache: write through
[ 3.455755] sd 2:0:3:0: [sdd] Assuming drive cache: write through
[ 3.456002] sd 2:0:4:0: [sde] Assuming drive cache: write through
[ 4.464189] piix4_smbus 0000:00:07.3: SMBus Host Controller not enabled!
Welcome to emergency mode! After logging in, type "journalctl -xb" to view
system logs, "systemctl reboot" to reboot, "systemctl default" or ^D to
try again to boot into default mode.
Give root password for maintenance
(or press Control-D to continue):
[root@bhdudc ~]# cat /proc/mdstat
Personalities : [raid1]
md1 : active raid1 sdc2[1]
      15719424 blocks super 1.2 [2/1] [_U]

unused devices: <none>
[root@bhdudc ~]# mdadm --manage /dev/md1 --add /dev/sdd2
mdadm: added /dev/sdd2
[root@bhdudc ~]# █
```

Sau

```
[root@bhdudc ~]# cat /proc/mdstat
Personalities : [raid1]
md1 : active raid1 sdc2[1] sdd2[2]
      15719424 blocks super 1.2 [2/2] [UU]

unused devices: <none>
[root@bhdudc ~]# █
```

Raid5

Trước

```
root@bhdudc:~
File Edit View Search Terminal Help
[root@bhdudc ~]# cat /proc/mdstat
Personalities : [raid1] [raid6] [raid5] [raid4]
md5 : active raid5 sdd3[3] sdc3[1] sdb3[0]
      41908224 blocks super 1.2 level 5, 512k chunk, algorithm 2 [3/3] [UUU]

md1 : active raid1 sdc2[1] sdb2[0]
      15719424 blocks super 1.2 [2/2] [UU]

unused devices: <none>
[root@bhdudc ~]# █
```

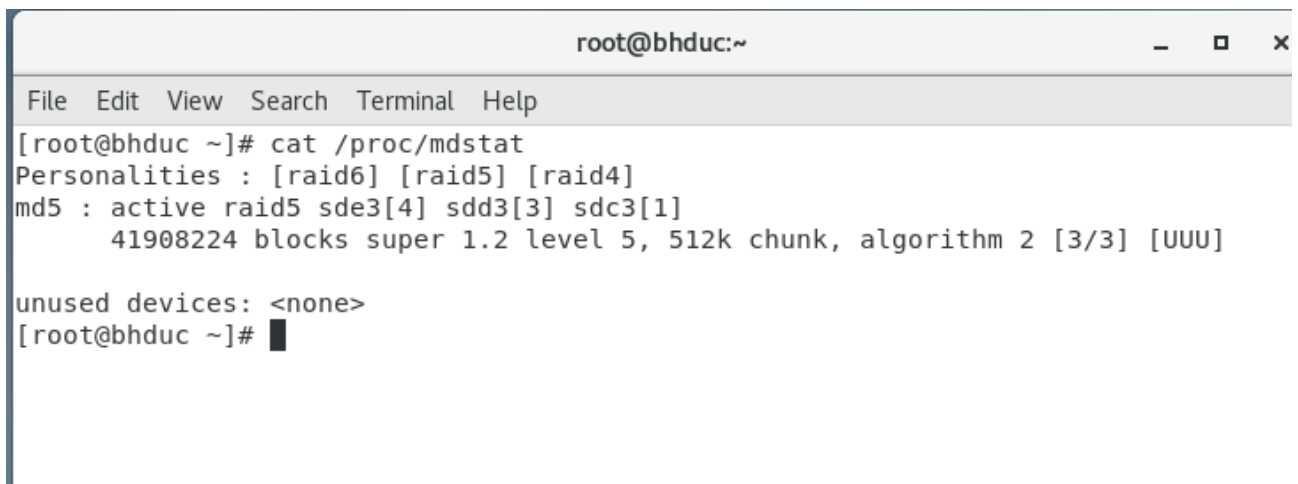
```
root@bhdudc:~
File Edit View Search Terminal Help
[root@bhdudc ~]# cat /etc/mdadm.conf
ARRAY /dev/md1 level=raid1 num-devices=2 metadata=1.2 name=pmtuan:1 UUID=c185bf3
a:c7d26b9e:aa1eefd0:e9794e0d
      devices=/dev/sdb2,/dev/sdc2
ARRAY /dev/md1 level=raid1 num-devices=2 metadata=1.2 name=pmtuan:1 UUID=c185bf3
a:c7d26b9e:aa1eefd0:e9794e0d
      devices=/dev/sdb2,/dev/sdc2
ARRAY /dev/md5 level=raid5 num-devices=3 metadata=1.2 spares=1 name=bhdudc:5 UUID
=e1ff0d63:493be451:cladf6de:d59a0f25
      devices=/dev/sdb3,/dev/sdc3,/dev/sdd3
[root@bhdudc ~]# █
```

Trong

```
[root@bhdudc ~]# cat /proc/mdstat
Personalities : [raid6] [raid5] [raid4]
md5 : active raid5 sdc3[1] sdd3[3]
      41908224 blocks super 1.2 level 5, 512k chunk, algorithm 2 [3/2] [_UU]

unused devices: <none>
[root@bhdudc ~]# mdadm --manage /dev/md5 --add /dev/sde3
mdadm: added /dev/sde3
[root@bhdudc ~]# _
```

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A terminal window titled 'root@bhdudc:~' with standard window controls. The terminal shows the output of 'cat /proc/mdstat' after adding sde3 to the RAID5 array. The status shows the array is now in a 'UUU' state with 3/3 data blocks.

```
root@bhdudc:~
File Edit View Search Terminal Help
[root@bhdudc ~]# cat /proc/mdstat
Personalities : [raid6] [raid5] [raid4]
md5 : active raid5 sde3[4] sdd3[3] sdc3[1]
      41908224 blocks super 1.2 level 5, 512k chunk, algorithm 2 [3/3] [UUU]

unused devices: <none>
[root@bhdudc ~]# █
```