

# RE: How to constrain the install through kickstart to one drive

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*Source:* <http://linux.derkeiler.com/Mailing-Lists/RedHat/2007-09/msg00192.html>

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  - *Date:* Wed, 19 Sep 2007 08:35:44 -0400
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Unfortunately, I'm at a loss. The environment I'm in is all SCSI disks on hardware raid controllers. I would guess that libata is the ATA driver. Looking in /proc/partitions though I can see all the partitions on the disks that the OS can see.

```
/proc # cat partitions
major minor #blocks name
```

```
104 0 35565360 cciss/c0d0
104 1 104391 cciss/c0d0p1
104 2 2096482 cciss/c0d0p2
104 3 5245222 cciss/c0d0p3
104 4 1 cciss/c0d0p4
104 5 5245191 cciss/c0d0p5
104 6 20772013 cciss/c0d0p6
104 7 2096451 cciss/c0d0p7
104 16 35565360 cciss/c0d1
```

On my virtual systems, I can see the following:

```
# cat /proc/partitions
major minor #blocks name rio rmerge rsect ruse wio wmerge wsect
wuse running use aveq

8 0 17825792 sda 21808 13601 274314 65860 223847 214442 3515998
259910 0 90050 325770
8 1 104391 sda1 58 630 1376 220 41 30 142 310 0 500 530
8 2 2096482 sda2 24 114 312 20 0 0 0 0 20 20
8 3 7221217 sda3 27 100 338 80 25 13 280 1310 0 950 1390
8 4 1 sda4 1 0 2 0 0 0 0 0 0 0
8 5 3148708 sda5 1818 6820 68426 18140 42791 31850 597496
60360 0 26230 78500
8 6 3148708 sda6 19781 5569 202770 47340 180599 180332 2897160
194660 0 68550 242000
8 7 2096451 sda7 40 99 434 50 391 2217 20920 3270 0 1530 3320
```

On the other hand, lsmod shows the cciss module on my physicals and either the Buslogic or mptscsi driver on my virtuals. That's what I use to make my determination in the %pre section.

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In thinking about this some more, /proc/partitions might be a better way to determine which drive to partition and how since you are shown all the drives and partitions that the OS can see (column 4) as well as their block size (1K blocks) (column 3).

Maarten Broekman

-----Original Message-----

From: redhat-list-bounces@xxxxxxxxxxx

[mailto:redhat-list-bounces@xxxxxxxxxxx] On Behalf Of Phil Savoie

Sent: Tuesday, September 18, 2007 9:24 PM

To: redhat-list@xxxxxxxxxxx

Subject: Re: How to constrain the install through kickstart to one drive

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