

## Re: DD not working

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*Source:* <http://linux.derkeiler.com/Mailing-Lists/Fedora/2007-08/msg04812.html>

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- *From:* Jim Cornette <[fc-cornette@xxxxxxxxxxxxxxxx](mailto:fc-cornette@xxxxxxxxxxxxxxxx)>
  - *Date:* Thu, 30 Aug 2007 20:59:31 -0400
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Karl Larsen wrote:

Vivek J. Patankar wrote:

Karl Larsen wrote:

mount: /dev/sdb5 already mounted or /mnt busy

The last 2 lines say that /dev/sdb5 is mounted to this Old Hard Drive somehow. I did not do this. /etc/fstab did not do this. So not sure what

Yes you did. See your opening mail of the thread titled 'dd and cp -a' in which you say that you mounted it to /mnt, but didn't mention how. I am assuming you made it permanent by adding it to fstab. And if you did this, dd'ing the partition would take this setting over to the new drive.

Guys I am getting a information overload. My question is simple now. If I do it right is it possible to use dd to make a copy of this F7 to another Hard Drive?

Also you NEVER mount a partition that your dd transferring too. It finds it fine.

Wouldn't you lose 10 GB and the disk would appear to be a 20 GB disk also with dd?

What about making a /boot, a /home, a / and a swap partition on the new drive, create a filesystem and label the new partitions, then mount the new / under a /mnt/newdrive directory, create a boot and home partition on the new / partition so you could mount the to be new home drive under a /mnt/newdrive/home mount point and then do the same with the soon to be new boot directory under /mnt/newdrive/boot

Once the new disk partitions are mounted you could use rsync to replicate your present installation onto the new drive.

I did this once and was fairly successful and got the replicated disk to start to boot by using the rescue mode to run grub-install on the new disk. It was a sata drive and the other drive was an IDE so I had other issues with the attempt. If the target disk was IDE instead of a SATA drive, it might have worked.

Re: DD not working

Someone more familiar with rsync and the effects of /proc, /sys and other not truly directories might be able to answer to whether rsync would work when transferred to IDE to IDE. I figure the kernel panic that I got was because of the IDE to SATA attempt.

Using some replication program for Linux would probably be the best option rather than DD or rsync.

Jim

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A right is not what someone gives you; it's what no one can take from you.

-- Ramsey Clark

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