

Re: Help with a little dd damage!

Source: <http://linux.derkeiler.com/Mailing-Lists/Fedora/2008-02/msg03137.html>

- *From:* Morgan Read <mstuff@xxxxxxxxxxxx>
 - *Date:* Thu, 28 Feb 2008 23:23:22 +1300
-

I'll start at top if that's ok; no need for anyone to re-read what I already wrote.

I do love gnu/linux – the reason being all the very helpful people interested in offering a hand, thanks; in particular Ian and Mikkel.

Oh, and there is a God:) Now rebooted a couple of times, and although there was a bit of clean up on /dev/sda1 (yes it's /boot) first time, everything seems to come up smelling of roses. A good nights sleep is able to remedy all manner of woe.

Here's the output and some comments from dmesg fyi:

```
[root@morgansmachine DiskBUImagesEtc]# umount /dev/sda1
[root@morgansmachine DiskBUImagesEtc]# mount -r /dev/sda1
mount: wrong fs type, bad option, bad superblock on /dev/sda1,
missing codepage or helper program, or other error
In some cases useful info is found in syslog – try
dmesg | tail or so
```

...

Output of dmesg here was:

```
Feb 28 06:52:25 morgansmachine kernel: EXT3-fs error (device sda1): ext3_check_descriptors: Block
bitmap for group 0 not in group (block 4056547683)!
Feb 28 06:52:25 morgansmachine kernel: EXT3-fs: group descriptors corrupted!
```

...

```
[root@morgansmachine DiskBUImagesEtc]# fdisk -l 2ndstage.rescue.270208
You must set cylinders.
You can do this from the extra functions menu.
```

```
Disk 2ndstage.rescue.270208: 0 MB, 0 bytes
255 heads, 63 sectors/track, 0 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Disk identifier: 0xe219e219
```

```
Device Boot Start End Blocks Id System
2ndstage.rescue.270208p1 * 1 13 104391 83 Linux
2ndstage.rescue.270208p2 14 4733 37913400 8e Linux LVM
Partition 2 has different physical/logical endings:
phys=(1023, 254, 63) logical=(4732, 254, 63)
2ndstage.rescue.270208p3 4734 4864 1052257+ 82 Linux swap / Solaris
Partition 3 has different physical/logical beginnings (non-Linux?):
phys=(1023, 254, 63) logical=(4733, 0, 1)
```

Re: Help with a little dd damage!

Partition 3 has different physical/logical endings:

phys=(1023, 254, 63) logical=(4863, 254, 63)

```
[root@morgansmachine DiskBUImagesEtc]# dd if=2ndstage.rescue.270208 of=/dev/sda bs=1K count=1174
```

```
1174+0 records in
```

```
1174+0 records out
```

```
1202176 bytes (1.2 MB) copied, 0.38523 s, 3.1 MB/s
```

```
[root@morgansmachine DiskBUImagesEtc]# mount -r /dev/sda1
```

...

Output of dmesg here was:

```
Feb 28 20:20:57 morgansmachine kernel: EXT3-fs: INFO: recovery required on readonly filesystem.
```

```
Feb 28 20:20:57 morgansmachine kernel: EXT3-fs: write access will be enabled during recovery.
```

```
Feb 28 20:20:57 morgansmachine kernel: kjournald starting. Commit interval 5 seconds
```

```
Feb 28 20:20:57 morgansmachine kernel: EXT3-fs: recovery complete.
```

...

```
[root@morgansmachine DiskBUImagesEtc]#
```

Many more thanks,

M.

Morgan Read wrote:

Hi Folks

This post could equally be titled – is there a God?

Yesterday I ran this command:

```
[root@morgansmachine DiskBUImagesEtc]# dd if=/dev/sda of=pocketpc.rescue bs=1M count=33
```

(No output, just bash history.)

Today I ran these commands:

```
[root@morgansmachine DiskBUImagesEtc]# dd if=/dev/sda of=2ndstage.rescue bs=1K count=1280
```

```
1280+0 records in
```

```
1280+0 records out
```

```
1310720 bytes (1.3 MB) copied, 0.0535238 s, 24.5 MB/s
```

```
[root@morgansmachine DiskBUImagesEtc]# chown morgans: ./2ndstage.rescue
```

```
[root@morgansmachine DiskBUImagesEtc]# dd if=zImage-LAB-20060421.htc of=/dev/sda
```

```
2348+0 records in
```

```
2348+0 records out
```

```
1202176 bytes (1.2 MB) copied, 0.117155 s, 10.3 MB/s
```

```
[root@morgansmachine DiskBUImagesEtc]#
```

Both yesterday and today I should not have used /dev/sda, but should have used /dev/sdc...

Ouch...

Now I seem to have an unallocated partition of some 37.26GB where once existed my carefully constructed laptop hard drive.

Everything seems to be running fine, but I expect if I reboot – I wont! I guess I've just wiped out my MBR or something close.

Re: Help with a little dd damage!

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So, fingers firmly crossed, have I managed to copy enough of my hard drive with the first two commands to be able to patch back the catastrophic damage I seem to have done with the last command. Could someone more confident than I give me some instruction:)

Any help desperately welcome.

Regards,
Morgan.

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Getting errors: "There are problems with the signature" (or similar)?

Update your system by installing certificates from CAcert Inc, see here:

<http://wiki.cacert.org/wiki/BrowserClients?#head-259758ec5ba51c5205cfb179cf60e0b54d9e378b>

Or, if Internet Explorer is your default browser, simply click this link:

<http://www.cacert.org/index.php?id=17>

Morgan Read
NEW ZEALAND
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fedora: Freedom Forever!

<http://fedoraproject.org/wiki/Overview>

"By choosing not to ship any proprietary or binary drivers, Fedora does differ from other distributions. ..."

Quote: Max Spevik

<http://interviews.slashdot.org/article.pl?sid=06/08/17/177220>

RMS on fedora:

<http://fedoraproject.org/wiki/FreeSoftwareAnalysis/FSE>

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fedora-list mailing list

fedora-list@xxxxxxxxxxx

To unsubscribe: <https://www.redhat.com/mailman/listinfo/fedora-list>

Re: Help with a little dd damage!