

Re: Cannot upgrade from FC6->F7. No upgrade option given in install screen.

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Source: <http://linux.derkeiler.com/Mailing-Lists/Fedora/2007-06/msg01614.html>

- *From:* "Lou Spironello" <lspironello@xxxxxxxxx>
 - *Date:* Wed, 6 Jun 2007 09:20:03 -0400
-

Thank's Jim for responding to my post.

Please forgive me for not posting details sooner.

In the interim I've done a number of things none of which were successful in getting F7 to prompt for and install or upgrade options.

I did some more fiddling with both parted and fdisk. I also noticed some unusual behaviour between the two programs. I printed the partition table and noticed that /dev/hdd4 was displayed with an ID of 0 which indicates empty. However, I seem to recall that last year when I was fiddling with software raid that /dev/hdd4, the extended partition, contained hdd5 and hdd6 which were used to test software raid. So I added another primary partition on /dev/hdd4 to clear that entry or any remnants of old info from the software raid. I ran sfdisk -l and no more reports of /dev/md0.

However, that didn't solve the problem. I still do not see any screen prompting me for and install or upgrade after I received the Searching for installation or before the "Partition Type" screen.

This morning I upgraded 29 rpms on FC6 including the kernel which I thought might help the situation. Nada. I've attempted to remove the /dev/md0 device by deleting it via rm. Of course it was deleted however, upon reboot the device was again present.

I checked to see if the two daemons associated with the mdadm package, mdmonitor and mdrdp(sp?), are running and they are off.

The instructions you included in your post only removes the "physical" drive or partition from the raid array denoted by /dev/md<num>. I checked the docs and mdadm

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doesn't
include any method for deleting a raid array. (maybe I missed something.)

I found something yesterday in that mdadm has "misc" commands one of which is a zero superblock on an attached raid partition. Another individual was having similar problems as I had described and apparently he used that to completely zero the superblock and anaconda presented the upgrade screen which he did not receive prior to these raid remnants.

Unfortunately, I had deleted those two old partitions, as well as the extended partition and then just added a primary fourth partition on the /dev/hdd drive, again assuming that the software raid/lvm remnants were causing the problem. However, since partition 4,5 and 6 no longer exist mdadm will no longer work on those partitions.

I then used gpart to see if it would detect deleted partitions. Nada.

Any other ideas as to what to do.

Thank you.

Regards,
Lou Spironello

I've included more config files and output below.

```
/boot/grub/grub.conf  
<snip>
```

```
default=0  
timeout=5  
splashimage=(hd0,0)/grub/splash.xpm.gz  
hiddenmenu  
#title Fedora Core ( 2.6.20-1.2944.fc6xen)  
# root (hd0,0)  
# kernel /xen.gz- 2.6.20-1.2944.fc6  
# module /vmlinuz-2.6.20-1.2944.fc6xen ro root=LABEL=/ rhgb quiet  
max_loop=16  
# module /initrd-2.6.20-1.2944.fc6xen.img  
title Fedora Core (2.6.18-1.2798.fc6)  
root (hd0,0)  
kernel /vmlinuz-2.6.18-1.2798.fc6 ro root=LABEL=/ rhgb quiet  
max_loop=16  
initrd /initrd-2.6.18-1.2798.fc6.img
```

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</snip>

=====

sfdisk -l

<snip>

Disk /dev/hda: 19929 cylinders, 255 heads, 63 sectors/track
Units = cylinders of 8225280 bytes, blocks of 1024 bytes, counting from 0

Device	Boot	Start	End	#cyls	#blocks	Id	System
/dev/hda1	*	0+	24 25-	200781	83	Linux	
/dev/hda2		25	6086 6062	48693015	83	Linux	
/dev/hda3		6087	12166 6080	48837600	83	Linux	
/dev/hda4		12167	19928 7762	62348265	5	Extended	
/dev/hda5		12167+	12410 244-	1959898+	82	Linux swap / Solaris	
/dev/hda6		12411+	19928 7518-	60388303+	83	Linux	

Disk /dev/hdc: 116301 cylinders, 16 heads, 63 sectors/track
Units = cylinders of 516096 bytes, blocks of 1024 bytes, counting from 0

Device	Boot	Start	End	#cyls	#blocks	Id	System
/dev/hdc1		0+	40634 40635-	20480008+	83	Linux	
/dev/hdc2		40635	81269 40635	20480040	83	Linux	
/dev/hdc3		81270	116300 35031	17655624	83	Linux	
/dev/hdc4		0	- 0 0	0	0	Empty	

Disk /dev/hdd: 238216 cylinders, 16 heads, 63 sectors/track
Units = cylinders of 516096 bytes, blocks of 1024 bytes, counting from 0

Device	Boot	Start	End	#cyls	#blocks	Id	System
/dev/hdd1		0+	194 195-	98248+	83	Linux	
/dev/hdd2		195	116452 116258	58594032	83	Linux	
/dev/hdd3		116453	209265 92813	46777752	83	Linux	
/dev/hdd4		209266	238215 28950	14590800	83	Linux	

</snip>

=====

blkid

<snip>

blkid

```
/dev/hdb: LABEL="rescue Disc" TYPE="iso9660"  
/dev/hdd3: LABEL="hdd3" UUID="218acaa4-4778-4a9b-be33-18f3b3646396"  
SEC_TYPE="ext2" TYPE="ext3"  
/dev/hdd2: LABEL="hdd2" UUID="f28f151c-5963-48be-8281-1b674094c428"  
SEC_TYPE="ext2" TYPE="ext3"  
/dev/hdd1: LABEL="hdd1" UUID="df29a431-ec30-4114-8202-035b0f6f3114"  
SEC_TYPE="ext2" TYPE="ext3"  
/dev/hdc3: LABEL="hdc3" UUID="b54505bd-c8c3-401a-8708-c72b38552bb8"  
SEC_TYPE="ext2" TYPE="ext3"  
/dev/hdc1: LABEL="hdc1" UUID="d81d7541-80cf-404d-bc0d-21fda2473752"
```

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```
SEC_TYPE="ext2" TYPE="ext3"
/dev/hdc2: LABEL="hdc2" UUID="424d61f6-c4e9-43cb-bbf8-51eb38eea3b5"
SEC_TYPE="ext2" TYPE="ext3"
/dev/hda6: LABEL="/home" UUID="9122da36-fcf9-482c-978e-14219f46d0ac"
SEC_TYPE="ext2" TYPE="ext3"
/dev/hda5: LABEL="SWAP-hda5" TYPE="swap"
/dev/hda3: LABEL="/usr" UUID="7bdf636-fa05-4b00-8e64-1a7ca3cb41a9"
SEC_TYPE="ext2" TYPE="ext3"
/dev/hda2: LABEL="/" UUID="38e17b63-7a70-4d26-9b7c-e5cdda9064a1"
SEC_TYPE="ext2" TYPE="ext3"
/dev/hda1: LABEL="/boot" UUID="d24b169a-8d91-4e9c-9821-205ac9cf0b42"
SEC_TYPE="ext2" TYPE="ext3"
/dev/hdd4: LABEL="hdd4" UUID="c11b4d0e-b30a-492b-9303-982513fa7c38"
SEC_TYPE="ext2" TYPE="ext3"
</snip>
```

On 6/4/07, Jim Cornette <fc-cornette@xxxxxxxxxxxxxxxx> wrote:

Lou Spironello wrote:

> -----BEGIN PGP SIGNED MESSAGE-----

> Hash: SHA1

>

> Jim Cornette wrote:

>> Lou Spironello wrote:

>>> Thanks Jim for the idea.

>>>

>>> Did that and still no option to install/upgrade, or detection of
>>> fc6 before the partition screen.

>>>

>>> Regards, Lou

>>>

>>>

>> Could it be that for some reason the installer does not encounter a
>> fedora-release package so it refuses to upgrade the system. This
>> happened to me once and no upgrade option was provided.

>>

>>

>> So check your installation for upgrade and verify that
>> fedora-release is installed. If it is installed and verifies, it
>> must be something to do with not recognizing your hard disk, so
>> back to the hunt.

>>

>> Jim

>>

> Parted shows the culprit at the bottom:

>

> (parted) print devices

> /dev/hda (164GB)

> /dev/hdc (60.0GB)

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```
> /dev/hdd (123GB)
> /dev/md0 (0.00B)
```

I'm not familiar with setting up raid or removing raid. Would rm /dev/md0 remove the raid information from the disk? Or could you choose the md0 device using the select feature of parted?

I'm curious and this is not at all recommended advice.

Jim

Excerpt from info parted:

2.4.15 select

-- Command: select DEVICE

Selects the device, DEVICE, for Parted to edit. The device can be a Linux hard disk device, a partition, a software RAID device or LVM logical volume.

Example:

```
(parted) select /dev/hdb
```

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