

Forum:[Hack Forums](#)

Thread: [Need help with booting + Linux error](#)

Niely - July 7, 2014, 2:30 pm

Hello

I was suggested to come to this section regarding this thread:

<https://hackforums.net/showthread.php?tid=4326304>

Something went wrong when installing Linux Mint on my USB, somehow it flipped over to my HDD and deleted all Windows files (I think).

This is the error I get when I click on that Toshiba (I've got a Packard Bell though):

[img]http://i.minus.com/ixt7VjkLuBJlx.png[/img]

(Don't call me wrong, after using Linux Mint in two hours I already find it awesome, but I'd rather keep Windows as primary OS though, and using Linux through USB).

Can someone help me out? :)

Thanks for reading,

Niely

Loki123 - July 7, 2014, 2:55 pm

Translation of the error message ?

I assume it has something to do with mounting error. What happens if you mount it with

```
$ sudo mount /dev/sdb /mnt
```

?

Might need to change sdb to the appropriate special device file.

And give me the output from

```
$ sudo fdisk -l
```

Niely - July 7, 2014, 3:04 pm

Code `sudo mount /dev/sdb /mnt` It says it doesn't exist.

Output:

Quote: Disk /dev/sda: 500.1 GB, 500107862016 bytes

255 koppen, 63 sectoren/spoor, 60801 cilinders, totaal 976773168 sectoren

Eenheid = sectoren van 1 512 = 512 bytes

Sectorgrootte (logisch/fysiek): 512 bytes / 4096 bytes

in-/uitvoergrootte (minimaal/optimaal): 4096 bytes / 4096 bytes

Schijf-ID: 0x000e1987

Apparaat	Opstart	Begin	Einde	Blokken	ID	Systeem
/dev/sda1	2048	499711	248832	83	Linux	
/dev/sda2	501758	976771071	488134657	5	uitgebreid	

Partitie 2 begint niet op een fysieke sectorgrens.

/dev/sda5 501760 976771071 488134656 83 Linux

Disk /dev/mapper/sda5_crypt: 499.8 GB, 499847790592 bytes
255 koppen, 63 sectoren/spoor, 60769 cilinders, totaal 976265216 sectoren
Eenheid = sectoren van 1 512 = 512 bytes
Sectorgrootte (logisch/fysiek): 512 bytes / 4096 bytes
in-/uitvoergrootte (minimaal/optimaal): 4096 bytes / 4096 bytes
Schijf-ID: 0x000000

Schijf /dev/mapper/sda5_crypt bevat geen geldige partitietabel

Disk /dev/mapper/mint--vg-root: 495.7 GB, 495695429632 bytes
255 koppen, 63 sectoren/spoor, 60264 cilinders, totaal 968155136 sectoren
Eenheid = sectoren van 1 512 = 512 bytes
Sectorgrootte (logisch/fysiek): 512 bytes / 4096 bytes
in-/uitvoergrootte (minimaal/optimaal): 4096 bytes / 4096 bytes
Schijf-ID: 0x000000

Schijf /dev/mapper/mint--vg-root bevat geen geldige partitietabel

Schijf /dev/mapper/mint--vg-swap_1: 4097 MB, 4097835008 bytes
255 koppen, 63 sectoren/spoor, 498 cilinders, totaal 8003584 sectoren
Eenheid = sectoren van 1 * 512 = 512 bytes
Sectorgrootte (logisch/fysiek): 512 bytes / 4096 bytes
in-/uitvoergrootte (minimaal/optimaal): 4096 bytes / 4096 bytes
Schijf-ID: 0x000000

Schijf /dev/mapper/mint--vg-swap_1 bevat geen geldige partitietabel

Translation: Couldn't hook on file.

Loki123 - July 7, 2014, 3:18 pm

Seems to me that sda is used up by Mint. Your HDD is 500GB right ?

To me this partition seems to be "fake".

Did you encrypt your disk ? or partition.

Niely - July 7, 2014, 3:21 pm

Yeah, true it's 500GB, but can't it difference a bit?

And what do you mean with fake?

Is that good or bad for me?

Loki123 - July 7, 2014, 3:24 pm

Did you encrypt your HDD ? Your Windows install or Mint ?

And it would help if you set your system to English and post the output from fdisk -l again.

Niely - July 7, 2014, 3:36 pm

I think I've encrypted Mint yeah.

But that's it, nothing more!

Output:

Quote:Disk /dev/sda: 500.1 GB, 500107862016 bytes
255 heads, 63 sectors/track, 60801 cylinders, total 976773168 sectors
Units = sectors of 1 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 4096 bytes
I/O size (minimum/optimal): 4096 bytes / 4096 bytes
Disk identifier: 0x000e1987

Device	Boot	Start	End	Blocks	Id	System
/dev/sda1		2048	499711	248832	83	Linux
/dev/sda2		501758	976771071	488134657	5	Extended

Partition 2 does not start on physical sector boundary.

/dev/sda5		501760	976771071	488134656	83	Linux
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Disk /dev/mapper/sda5_crypt: 499.8 GB, 499847790592 bytes
255 heads, 63 sectors/track, 60769 cylinders, total 976265216 sectors
Units = sectors of 1 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 4096 bytes
I/O size (minimum/optimal): 4096 bytes / 4096 bytes
Disk identifier: 0x000000

Disk /dev/mapper/sda5_crypt doesn't contain a valid partition table

Disk /dev/mapper/mint--vg-root: 495.7 GB, 495695429632 bytes
255 heads, 63 sectors/track, 60264 cylinders, total 968155136 sectors
Units = sectors of 1 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 4096 bytes
I/O size (minimum/optimal): 4096 bytes / 4096 bytes
Disk identifier: 0x000000

Disk /dev/mapper/mint--vg-root doesn't contain a valid partition table

Disk /dev/mapper/mint--vg-swap_1: 4097 MB, 4097835008 bytes
255 heads, 63 sectors/track, 498 cylinders, total 8003584 sectors
Units = sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 4096 bytes
I/O size (minimum/optimal): 4096 bytes / 4096 bytes
Disk identifier: 0x000000

Disk /dev/mapper/mint--vg-swap_1 doesn't contain a valid partition table

Loki123 - July 7, 2014, 3:43 pm

```
$ sudo mount /dev/sda2 /mnt
```

tell me what happens ..

You have 3 partitions on the disk. two for Linux and one extended.

Niely - July 7, 2014, 3:47 pm

Output of that command:

Code mount: you must specify the filesystem type

What they say at their forum:

<http://forums.linuxmint.com/viewtopic.php?f=46&p=887152#p887152>

EDIT: It doesn't matter what I put first in Legacy BIOS, it always boot to Linux, even USB when I haven't an USB inserted.

I only get that error when using UEFI (to go back to Windows).

Loki123 - July 7, 2014, 4:35 pm

Like they say. Seems like you have damaged that partition or that you are seeing a fake one that shouldn't exist.

Put your HDD to another computer that has Windows and see if you can mount it (Do not format it)
If not you might try some file recovery to recover the data lost from the Windows install and you will have to re install windows.

Niely - July 7, 2014, 4:41 pm

^I'm not such a techie to do that with this PC. (Maybe with an old one but not this one).

Is it okay to burn that to a disk?

<https://hackforums.net/showthread.php?tid=4326906>