

Linux Mint Forums

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Not able to boot into Windows 10 from Grub

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judgedredd007

Level 1

**ONLINE**

Not able to boot into Windows 10 from Grub

Sun Dec 24, 2017 6:58 pm

I have come across a peculiar problem which I have never come across before when installing Linux Mint as a dual boot system alongside Windows 7/10.

The machine is an Asus laptop about 6 years old.

It came with Windows 7 pre-installed. The user, my client, upgraded to Windows 10 by clicking on the nag button that kept popping up in the tray.

When I installed Linux Mint from the Live DVD/CD I remember choosing a particular partition for the Windows bootloader. Little did I know that the computer had been configured very strangely.

The hard drive had a recovery partition, a 'SYSTEM' partition, and then the main Windows partition.

Little did I know that the bootloader for Windows was in the SYSTEM partition, which could not be access from anywhere.

During installation, When the window came up to find what type of hard drive partition to use for Windows bootloader I chose the Windows partition (the largest partition on the drive) without knowing that windows booted from the System partition (100MB in size - yes that small).

When everything was finished and the computer rebooted it had everything listed, including a recovery partition, but when choosing the Windows partition it would just loop and come back to the grub menu.

When in Linux I tried all sorts of things with the grub file, including updating the grub file, but whatever I did nothing would get Windows to boot when choosing it. Does anyone have any ideas?

I did try to manually edit the grub.cfg file by changing the partition number, the unique UUID number, etc, but nothing would work.

When editing the grub.cfg file at one point, I did manage to get grub to try and boot from the actual partition where Windows was residing but it came up with BOOTMGR missing.

I have also tried repairing the MBR by using lilo and when that didn't work, the syslinux mbr utility.

Any help would be appreciated.

deepakdeshp

Level 9



Re: Not able to boot into Wiindows 10 from Grub

Sun Dec 24, 2017 10:19 pm

[viewtopic.php?f=46&t=30623](#)

[viewtopic.php?f=46&t=207529](#)

[viewtopic.php?f=42&t=163126](#)

If I have helped you solve a problem, please add **[SOLVED]** to your first post title, it helps other users looking for help, and keeps the forum clean.

I am using **Mint 18.3 Cinnamon 64 bit with AMD** processor . Memory 8GB



Pierre

Level 15



Re: Not able to boot into Wiindows 10 from Grub

Sun Dec 24, 2017 10:33 pm

do look at the Third Suggestion in **deepakdeshp** reply,
- as that is a Tutorial written for win-8x but does also apply to win-10, as well.

it's generally suggested that you utilize the Recovery Partition,
& if you have no spare partitions that you can re-use.

however, since you did utilize the System Partition, instead,
then you will now most likely have to repair the win-10 boot loader
- by booting a win-10 installation media & selecting to repair the win boot loader itself:
[https://techgage.com/article/repairing- ... -8-and-10/](https://techgage.com/article/repairing-...-8-and-10/)
then, you will also have to repair the Linux Boot Loader, afterwards, as well.
& by following the Second Suggestion in **deepakdeshp** reply.



Pierre

Moderator @ Linux Mint

Please [edit your original post title](#) to include **[SOLVED]** - when your problem is solved!
and DO LOOK at those Unanswered Topics - - you may be able to answer some!.

judgedredd007

Level 1



Re: Not able to boot into Wiindows 10 from Grub

Mon Dec 25, 2017 3:42 am

Thanks deepakdeshp and Pierre. I will study up on the links you have posted.

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