Ubuntu – Is there a way to boot from usb through grub menu

dual-boot   usb   windows 10

I am using dual boot Ubuntu 16.04 and Windows 10. There is a problem which I cannot boot to my normal Windows, and am trying to recover it via USB stick. However, even if I change the boot order, the grub menu still displaying and I have no option to boot from USB.

✅ Best Answer

Yes there is a way. First make sure you have secure boot disabled from the firmware settings. (The menu that opens when you press f2 during boot)
Then follow the following steps:

- Press c when in grub menu to open command line
- press `ls` to list all partitions in all hard drives

my output was as follows:

```
grub>ls
(hd0) (hd0,gpt1) (hd1) (hd1,gpt8) (hd1,gpt7) (hd1,gpt6) (hd1,gpt5) (hd1,gpt4)
(hd1,gpt3) (hd1,gpt2) (hd1,gpt1)
```

This clearly shows that my usb drive is hd0.

- type `ls (hd0,gpt1)` to confirm:

Output is as follows:

```
grub>ls (hd0,gpt1)
Partition hd0,gpt1: Filesystem type fat - Label `CES_X64FREV`, UUID 4099-DBD9
Partition start-512 Sectors...
```

Inplace of `(hd0,gpt1)` type the address of first partition of usb disk e.g: `(hd1,gpt1)` or `(hd2,gpt1)`. According to output of `ls` command.

We need the UUID shown in the above line

- Note the UUID of you usb drive.
- Type the following commands one by one.

```
insmod part_gpt
insmod fat
insmod search_fs_uuid
insmod chain
search --fs-uuid --set=root 409-DBD9
```

In place of 4099-DBD9, write UUID which you noted down earlier.

- Now we select the efi file to boot from. Type the following:

```
chainloader /efi/boot/bootx64.efi
```

- Finally type `boot`

That's it, That should boot the usb drive.