Bane of IT

where is fstab
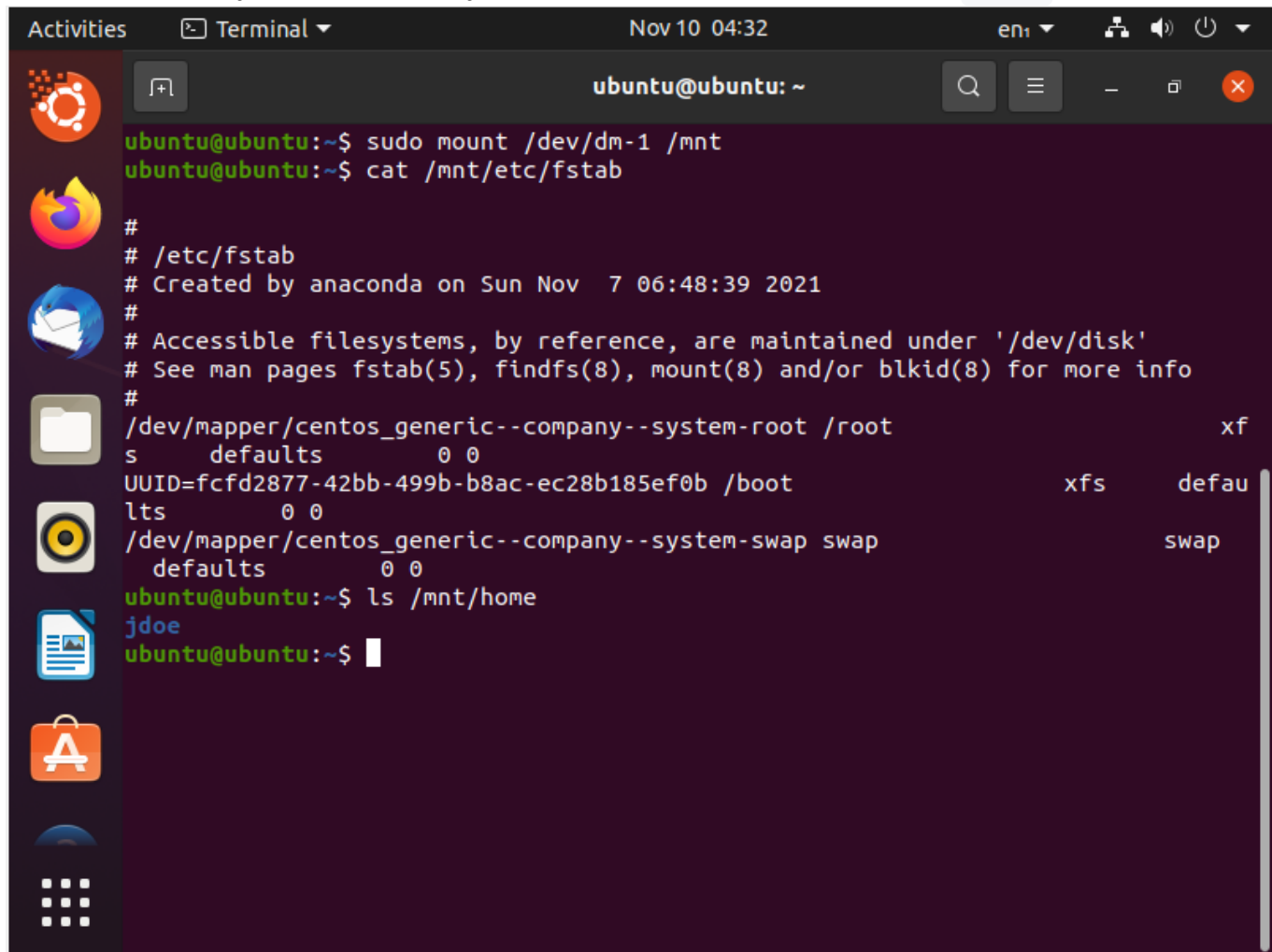
A Ubuntu live iso was loaded on the vm and found that sda2 is not mountable.

https://superuser.com/questions/131519/what-is-this-dm-0-device/131520
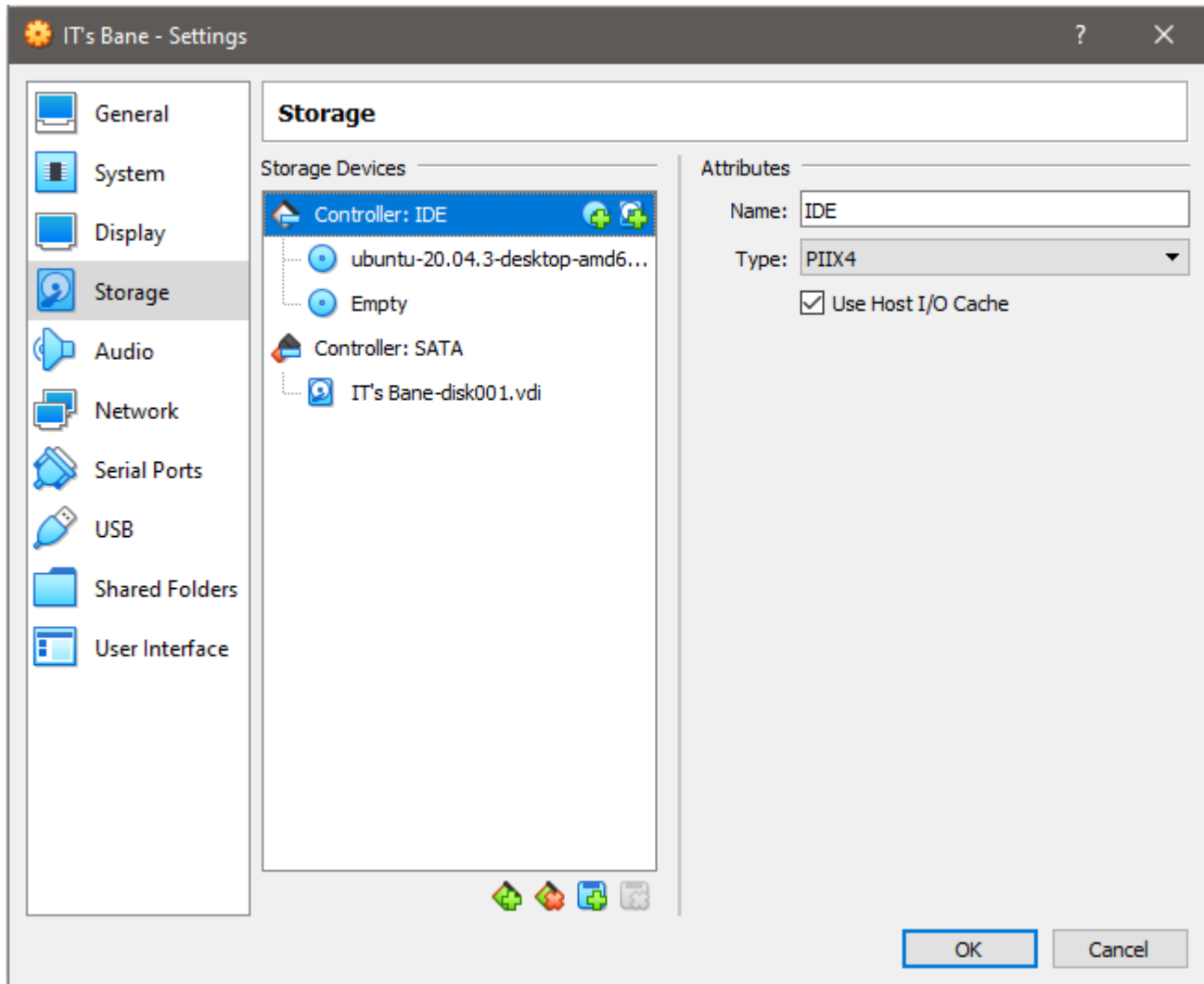
After reading the link above, `/dev/dm-1` was mounted and found the `/etc/fstab` file. This

is also most likely the user's filesystem because /home has a folder `/jdoe`

```
ubuntu@ubuntu:~$ sudo mount /dev/dm-1 /mnt
ubuntu@ubuntu:~$ cat /mnt/etc/fstab

#
# /etc/fstab
# Created by anaconda on Sun Nov  7 06:48:39 2021
#
# Accessible filesystems, by reference, are maintained under '/dev/disk'
# See man pages fstab(5), findfs(8), mount(8) and/or blkid(8) for more info
#
/dev/mapper/centos_generic--company--system-root /root                      xf
s       defaults        0 0
UUID=fcfd2877-42bb-499b-b8ac-ec28b185ef0b /boot                 xfs     defau
lts         0 0
/dev/mapper/centos_generic--company--system-swap swap                       swap
   defaults        0 0
ubuntu@ubuntu:~$ ls /mnt/home
jdoe
ubuntu@ubuntu:~$ 
```
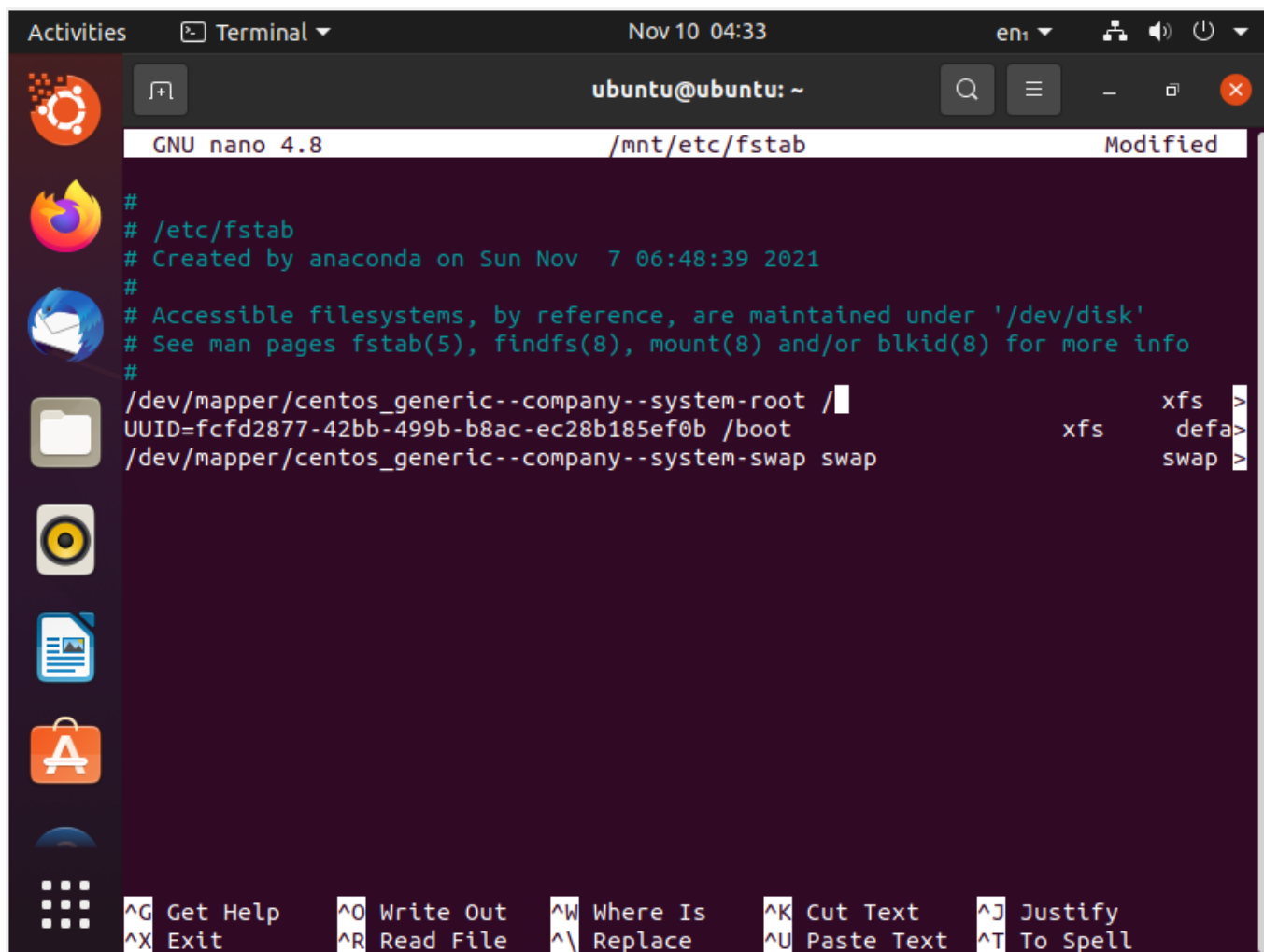
editing fstab

kind of cheated and took a peek at the solution so we knew that `/root` had to be changed to `/`

did `sudo umount /mnt` and shut down

rescatux

repair iso rescatux was used to fix grub

https://www.supergrubdisk.org/

IT's Bane - Settings

Storage

Storage Devices

- Controller: IDE
  - rescatux-0.73.iso
  - Empty
- Controller: SATA
  - IT's Bane-disk001.vdi

Attributes

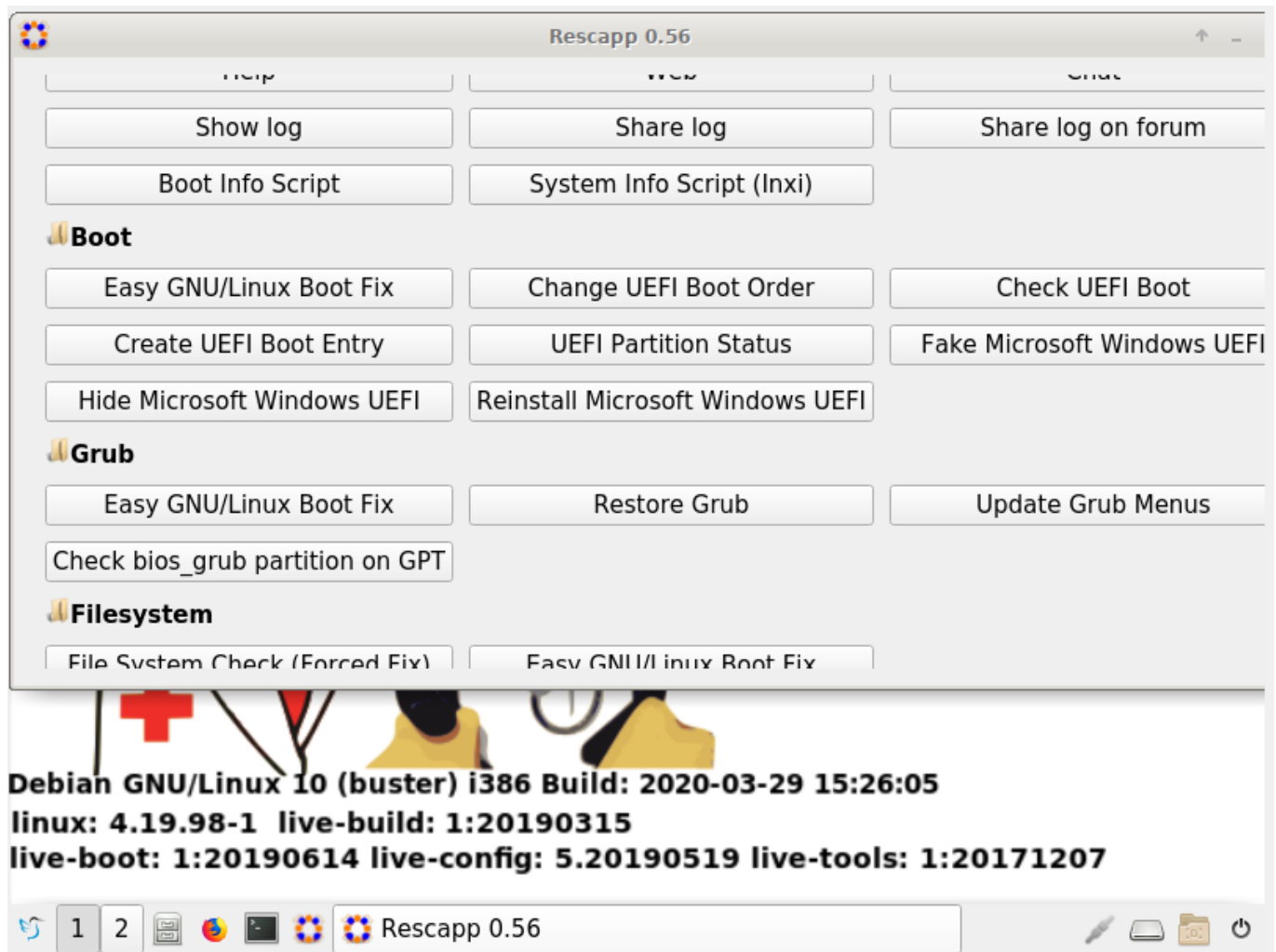Name: IDE

Type: PIIX4

☑ Use Host I/O Cache

General
System
Display
Storage
Audio
Network
Serial Ports
USB
Shared Folders
User Interface

OK   Cancel

Rescapp 0.56

Show log | Share log | Share log on forum

Boot Info Script | System Info Script (Inxi)

Boot

Easy GNU/Linux Boot Fix | Change UEFI Boot Order | Check UEFI Boot

Create UEFI Boot Entry | UEFI Partition Status | Fake Microsoft Windows UEFI

Hide Microsoft Windows UEFI | Reinstall Microsoft Windows UEFI

Grub

Easy GNU/Linux Boot Fix | Restore Grub | Update Grub Menus

Check bios_grub partition on GPT

Filesystem

File System Check (Forced Fix) | Easy GNU/Linux Boot Fix

Debian GNU/Linux 10 (buster) i386 Build: 2020-03-29 15:26:05
linux: 4.19.98-1 live-build: 1:20190315
live-boot: 1:20190614 live-config: 5.20190519 live-tools: 1:20171207

1 | 2 | Rescapp 0.56

1. File System Check (Forced Fix)
   pick dm-1 for everything
2. Easy GNU/Linux Boot
3. Change Gnu/Linux Password
   changed jdoe:jdoe

Shutdown (takes 1m30s for some reason), make sure iso removed

Pick the rescue option in grub menu


```
    CentOS Linux (3.10.0-1160.45.1.el7.x86_64) 7 (Core)
    CentOS Linux (0-rescue-cfb94d4602565f4b9239564eb504070e) 7 (Core)




    Use the ↑ and ↓ keys to change the selection.
    Press 'e' to edit the selected item, or 'c' for a command prompt.
```

Log in as jdoe:jdoe
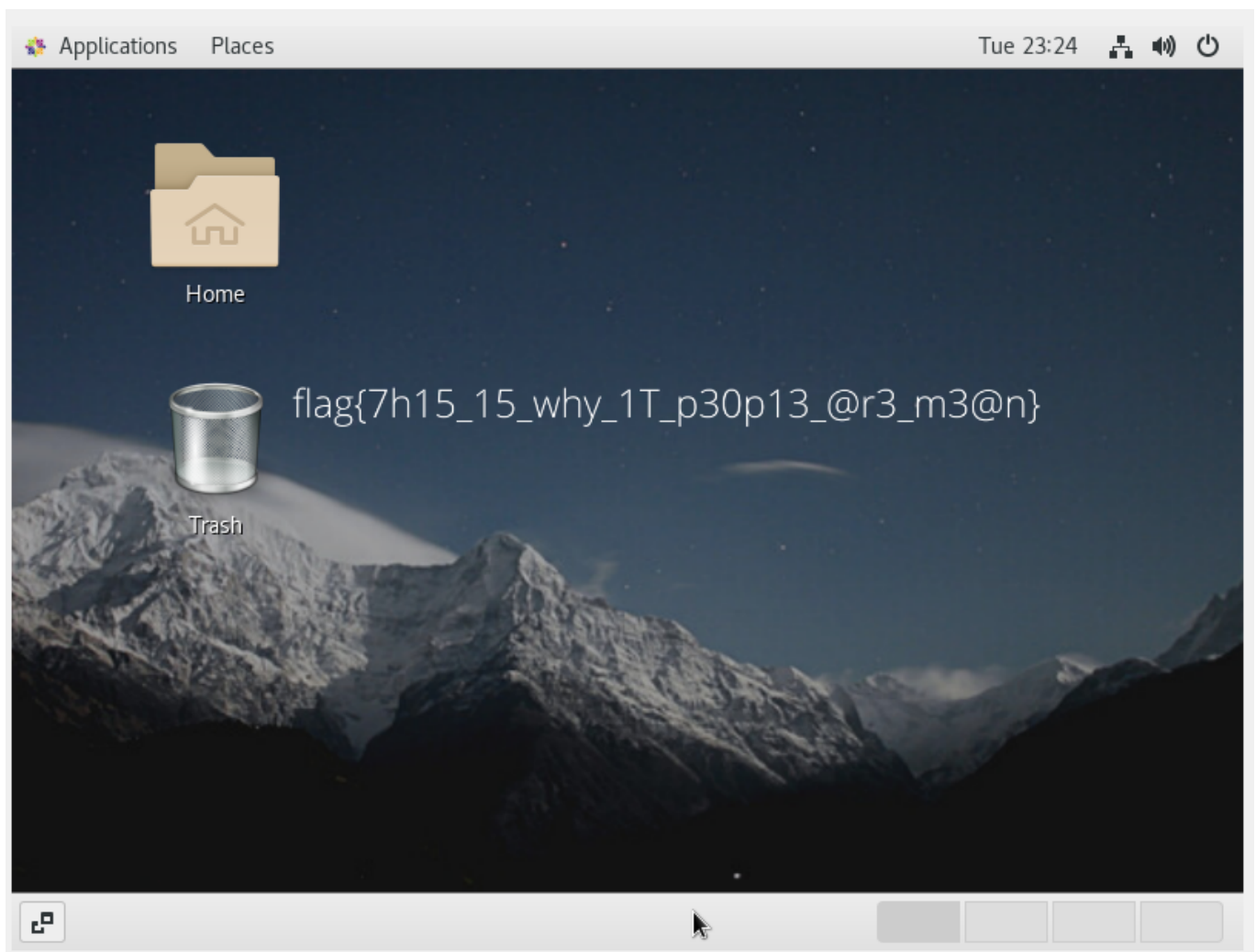
`flag{7h15_15_why_1T_p30p13_@r3_m3@n}`

notes

difficult one, am nooby though
kinda cheesed the solve but a good learning chal for me

md5sum

3bd408d8973997fa7b7d825a891d5e91 IT's Bane.ova