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Activities Terminal Apr 14 13:27 omkar@omkar-VirtualBox: ~  
omkar@omkar-VirtualBox:~$ sudo fdisk -l  
Disk /dev/loop0: 63.22 MiB, 66293760 bytes, 129480 sectors  
Units: sectors of 1 * 512 = 512 bytes  
Sector size (logical/physical): 512 bytes / 512 bytes  
I/O size (minimum/optimal): 512 bytes / 512 bytes  
  
Disk /dev/loop1: 4 KiB, 4096 bytes, 8 sectors  
Units: sectors of 1 * 512 = 512 bytes  
Sector size (logical/physical): 512 bytes / 512 bytes  
I/O size (minimum/optimal): 512 bytes / 512 bytes  
  
Disk /dev/loop2: 63.27 MiB, 66347008 bytes, 129584 sectors  
Units: sectors of 1 * 512 = 512 bytes  
Sector size (logical/physical): 512 bytes / 512 bytes  
I/O size (minimum/optimal): 512 bytes / 512 bytes  
  
Disk /dev/loop3: 237.26 MiB, 248782848 bytes, 485904 sectors  
Units: sectors of 1 * 512 = 512 bytes  
Sector size (logical/physical): 512 bytes / 512 bytes  
I/O size (minimum/optimal): 512 bytes / 512 bytes  
  
Disk /dev/loop4: 238.7 MiB, 250298368 bytes, 488864 sectors  
Units: sectors of 1 * 512 = 512 bytes  
Sector size (logical/physical): 512 bytes / 512 bytes  
I/O size (minimum/optimal): 512 bytes / 512 bytes
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Activities Terminal Apr 14 13:27 omkar@omkar-VirtualBox: ~  
Sector size (logical/physical): 512 bytes / 512 bytes  
I/O size (minimum/optimal): 512 bytes / 512 bytes  
  
Disk /dev/loop10: 49.83 MiB, 52248576 bytes, 102048 sectors  
Units: sectors of 1 * 512 = 512 bytes  
Sector size (logical/physical): 512 bytes / 512 bytes  
I/O size (minimum/optimal): 512 bytes / 512 bytes  
  
Disk /dev/loop11: 284 KiB, 290816 bytes, 568 sectors  
Units: sectors of 1 * 512 = 512 bytes  
Sector size (logical/physical): 512 bytes / 512 bytes  
I/O size (minimum/optimal): 512 bytes / 512 bytes  
  
Disk /dev/loop12: 304 KiB, 311296 bytes, 608 sectors  
Units: sectors of 1 * 512 = 512 bytes  
Sector size (logical/physical): 512 bytes / 512 bytes  
I/O size (minimum/optimal): 512 bytes / 512 bytes  
omkar@omkar-VirtualBox:~$ df -h  
Filesystem      Size  Used Avail Use% Mounted on  
tmpfs           336M  1.5M  334M   1% /run  
/dev/sda3       9.3G  8.6G  250M  98% /  
tmpfs           1.7G   0  1.7G   0% /dev/shm  
tmpfs           5.0M  4.0K  5.0M   1% /run/lock  
/dev/sda2       512M  5.3M  507M   2% /boot/efi  
tmpfs           336M  2.4M  333M   1% /run/user/1000  
omkar@omkar-VirtualBox:~$
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Activities Terminal Apr 14 13:35 omkar@omkar-VirtualBox: ~
tnpfs      336M  2.4M  333M   1% /run/user/1000
omkar@omkar-VirtualBox:~$ sudo fdisk /dev/sdb

Welcome to fdisk (util-linux 2.37.2).
Changes will remain in memory only, until you decide to write them.
Be careful before using the write command.

Device does not contain a recognized partition table.
Created a new DOS disklabel with disk identifier 0xf20fd931.

Command (m for help): n
Partition type
   p   primary (0 primary, 0 extended, 4 free)
   e   extended (container for logical partitions)
Select (default p): p
Partition number (1-4, default 1): 1
First sector (2048-4194303, default 2048):
Last sector, +/-sectors or +/-size{K,M,G,T,P} (2048-4194303, default 4194303):

Created a new partition 1 of type 'Linux' and of size 2 GiB.

Command (m for help): t
Selected partition 1
Hex code or alias (type L to list all): 83
Changed type of partition 'Linux' to 'Linux'.

Command (m for help): w
The partition table has been altered.
Calling ioctl() to re-read partition table.
  
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Activities Terminal Apr 14 13:37 omkar@omkar-VirtualBox: ~  
Disk identifier: 0xf20fd931  


| Device    | Boot | Start | End     | Sectors | Size | Id | Type  |
|-----------|------|-------|---------|---------|------|----|-------|
| /dev/sdb1 |      | 2048  | 4194303 | 4192256 | 2G   | 83 | Linux |

  
Disk /dev/loop8: 45.93 MiB, 48156672 bytes, 94056 sectors  
Units: sectors of 1 * 512 = 512 bytes  
Sector size (logical/physical): 512 bytes / 512 bytes  
I/O size (minimum/optimal): 512 bytes / 512 bytes  
  
Disk /dev/loop9: 45.93 MiB, 48160768 bytes, 94064 sectors  
Units: sectors of 1 * 512 = 512 bytes  
Sector size (logical/physical): 512 bytes / 512 bytes  
I/O size (minimum/optimal): 512 bytes / 512 bytes  
  
Disk /dev/loop10: 49.83 MiB, 52248576 bytes, 102048 sectors  
Units: sectors of 1 * 512 = 512 bytes  
Sector size (logical/physical): 512 bytes / 512 bytes  
I/O size (minimum/optimal): 512 bytes / 512 bytes  
  
Disk /dev/loop11: 284 KiB, 290816 bytes, 568 sectors  
Units: sectors of 1 * 512 = 512 bytes  
Sector size (logical/physical): 512 bytes / 512 bytes  
I/O size (minimum/optimal): 512 bytes / 512 bytes
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Activities Terminal Apr 14 13:40 omkar@omkar-VirtualBox: ~  
I/O size (minimum/optimal): 512 bytes / 512 bytes  
omkar@omkar-VirtualBox:~$ sudo mkdir /media/myDisk  
omkar@omkar-VirtualBox:~$  
omkar@omkar-VirtualBox:~$  
omkar@omkar-VirtualBox:~$  
omkar@omkar-VirtualBox:~$  
omkar@omkar-VirtualBox:~$ sudo mount /dev/sdb1/media/myDisk  
mount: /dev/sdb1/media/myDisk: can't find in /etc/fstab.  
omkar@omkar-VirtualBox:~$ sudo mount /dev/sdb1 /media/myDisk  
mount: /media/myDisk: wrong fs type, bad option, bad superblock on /dev/sdb1, n  
issing codepage or helper program, or other error.  
omkar@omkar-VirtualBox:~$ sudo mk  
sudo: mk: command not found  
omkar@omkar-VirtualBox:~$ sudo nk  
sudo: nk: command not found  
omkar@omkar-VirtualBox:~$ sudo mkfs.ext4 /dev/sdb1  
mke2fs 1.46.5 (30-Dec-2021)  
Creating filesystem with 524032 4k blocks and 131072 inodes  
Filesystem UUID: cdf9355c-0a9b-4fc4-aca5-66d823e43159  
Superblock backups stored on blocks:  
32768, 98304, 163840, 229376, 294912  
  
Allocating group tables: done  
Writing inode tables: done  
Creating journal (8192 blocks): done  
Writing superblocks and filesystem accounting information: done  
  
omkar@omkar-VirtualBox:~$ sudo mount /dev/sdb1 /media/myDisk  
omkar@omkar-VirtualBox:~$
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Activities Terminal Apr 14 13:50 omkar@omkar-VirtualBox: /media/myDisk

sudo: mk: command not found
omkar@omkar-VirtualBox:~$ sudo mk
sudo: mk: command not found
omkar@omkar-VirtualBox:~$ sudo mkfs.ext4 /dev/sdb1
mke2fs 1.46.5 (30-Dec-2021)
Creating filesystem with 524032 4k blocks and 131072 inodes
Filesystem UUID: cdf9355c-0a9b-4fc4-aca5-66d823e43159
Superblock backups stored on blocks:
    32768, 98304, 163840, 229376, 294912

Allocating group tables: done
Writing inode tables: done
Creating journal (8192 blocks): done
Writing superblocks and filesystem accounting information: done

omkar@omkar-VirtualBox:~$ sudo mount /dev/sdb1 /media/myDisk
omkar@omkar-VirtualBox:~$ df -h
Filesystem      Size  Used Avail Use% Mounted on
tmpfs            336M  1.5M  334M   1% /run
/dev/sda3        9.3G  8.6G  250M  98% /
tmpfs            1.7G   0  1.7G   0% /dev/shm
tmpfs            5.0M  4.0K  5.0M   1% /run/lock
/dev/sda2        512M  5.3M  507M   2% /boot/efi
tmpfs            330M  2.4M  333M   1% /run/user/1000
/dev/sdb1        2.0G   24K  1.9G   1% /media/myDisk
omkar@omkar-VirtualBox:~$ cd /media/myDisk
bash: cd: /media/myDisk: No such file or directory
omkar@omkar-VirtualBox:~$ cd /media/myDisk
omkar@omkar-VirtualBox:~$ cd /media/myDisk
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Activities Terminal Apr 14 14:11 onkar@onkar-VirtualBox /  
Command 'dh' not found, but can be installed with:  
sudo apt install debhelper  
onkar@onkar-VirtualBox:/$ df -dh  
df: invalid option -- 'd'  
Try 'df --help' for more information.  
onkar@onkar-VirtualBox:/$ df -ht  
df: option requires an argument -- 't'  
Try 'df --help' for more information.  
onkar@onkar-VirtualBox:/$ df -hT  
Filesystem      Type      Size      Used      Avail     Use%      Mounted on  
tmpfs           tmpfs     336M      1.5M      334M      1%        /run  
/dev/sda3       ext4      9.3G      8.6G      250M      98%       /  
tmpfs           tmpfs     1.7G      0         1.7G      0%        /dev/shm  
tmpfs           tmpfs     5.0M      4.0K      5.0M      1%        /run/lock  
/dev/sda2       vfat      512M      5.3M      507M      2%        /boot/efi  
tmpfs           tmpfs     336M      2.4M      333M      1%        /run/user/1000  
/dev/sdb1       ext4      2.0G      28K       1.9G      1%        /media/myDisk  
onkar@onkar-VirtualBox:/$ umount /media/myDisk  
umount: /media/myDisk: must be superuser to unmount.  
onkar@onkar-VirtualBox:/$ sudo umount /media/myDisk  
onkar@onkar-VirtualBox:/$ df -hT  
Filesystem      Type      Size      Used      Avail     Use%      Mounted on  
tmpfs           tmpfs     336M      1.5M      334M      1%        /run  
/dev/sda3       ext4      9.3G      8.6G      250M      98%       /  
tmpfs           tmpfs     1.7G      0         1.7G      0%        /dev/shm  
tmpfs           tmpfs     5.0M      4.0K      5.0M      1%        /run/lock  
/dev/sda2       vfat      512M      5.3M      507M      2%        /boot/efi  
tmpfs           tmpfs     336M      2.4M      333M      1%        /run/user/1000  
onkar@onkar-VirtualBox:/$
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Activities Terminal Apr 14 14:43
root@omkar-VirtualBox: /

Disk /dev/loop11: 284 KiB, 290816 bytes, 568 sectors
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes

Disk /dev/loop12: 304 KiB, 311296 bytes, 608 sectors
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
root@omkar-VirtualBox:/# apt install gcc
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  binutils binutils-common binutils-x86-64-linux-gnu cpp-11 gcc-11
  gcc-11-base gcc-12-base libasan6 libatomic1 libbinutils libc-dev-bin
  libc-devtools libc6-dev libcc1-0 libcrypt-dev libctf-nobfd0 libctf0
  libgcc-11-dev libgcc-s1 libgomp1 libitm1 liblsan0 libnsl-dev libquadmath0
  libstdc++6 libtirpc-dev libtsan0 libubsan1 linux-libc-dev nanpages-dev
  rpcsvc-proto
Suggested packages:
  binutils-doc gcc-11-locales gcc-multilib make autoconf automake libtool
  flex bison gcc-doc gcc-11-multilib gcc-11-doc glibc-doc
The following NEW packages will be installed:
  binutils binutils-common binutils-x86-64-linux-gnu gcc gcc-11 libasan6
  libatomic1 libbinutils libc-dev-bin libc-devtools libc6-dev libcc1-0
  libcrypt-dev libctf-nobfd0 libctf0 libgcc-11-dev libitm1 liblsan0
  libnsl-dev libquadmath0 libtirpc-dev libtsan0 libubsan1 linux-libc-dev

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Activities Terminal Apr 14 14:44 root@omkar-VirtualBox: /
root@omkar-VirtualBox:/# apt remove gcc
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
Package 'gcc' is not installed, so not removed
0 upgraded, 0 newly installed, 0 to remove and 276 not upgraded.
root@omkar-VirtualBox:/#
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