

1/ df, fdisk -l

df

```
[root@localhost ~]# df
Filesystem            1K-blocks    Used Available Use% Mounted on
/dev/mapper/centos-root 8869888 4850704 4019184  55% /
devtmpfs              925312      0   925312    0% /dev
tmpfs                 935244     84   935160    1% /dev/shm
tmpfs                 935244    9036   926208    1% /run
tmpfs                 935244      0   935244    0% /sys/fs/cgroup
/dev/sda1              508588 126784  381804   25% /boot
```

fdisk -l

```
[root@localhost ~]# fdisk -l

Disk /dev/sda: 10.7 GB, 10737418240 bytes, 20971520 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 label type: dos
Disk identifier: 0x000f0f81

   Device Boot      Start         End      Blocks   Id  System
/dev/sda1 *        2048     1026047       512000   83   Linux
/dev/sda2          1026048     20971519      9972736   8e   Linux LVM

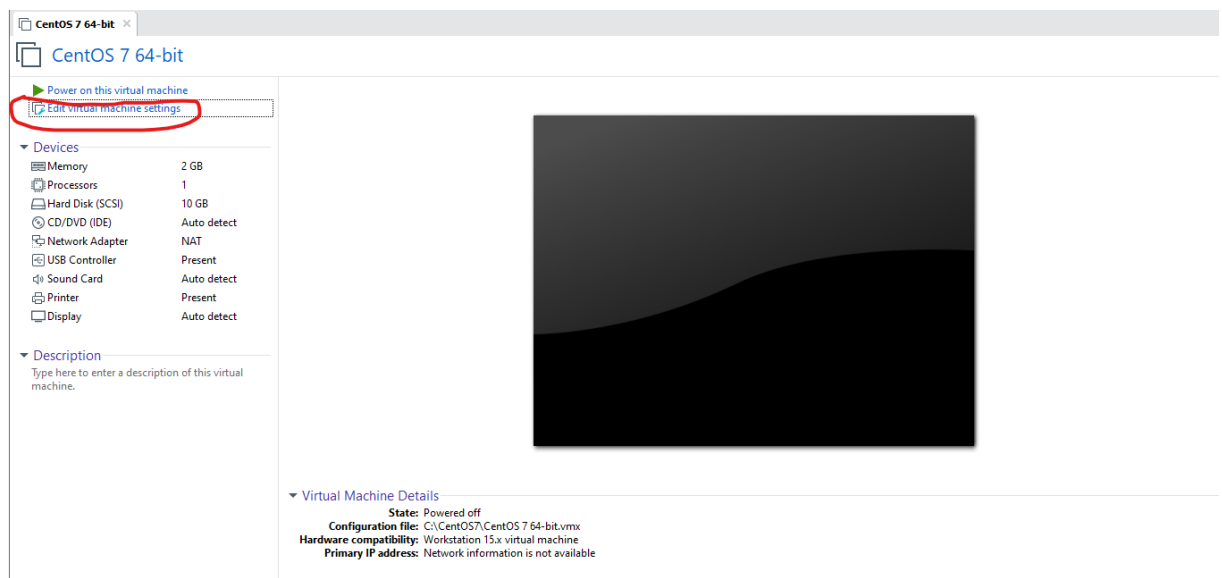
Disk /dev/mapper/centos-root: 9093 MB, 9093251072 bytes, 17760256 sectors
Units = sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes

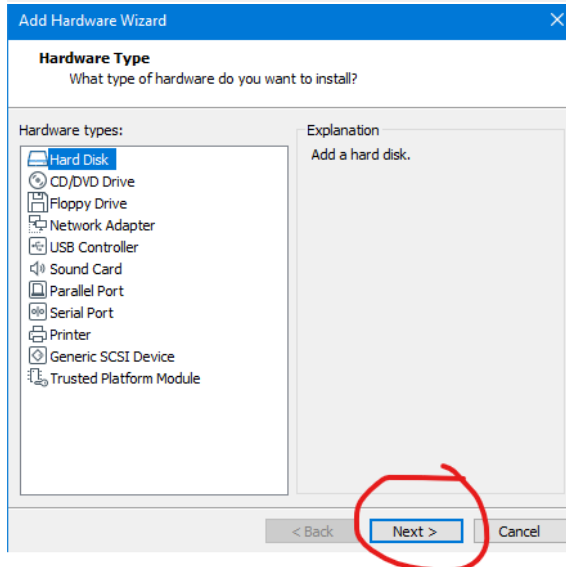
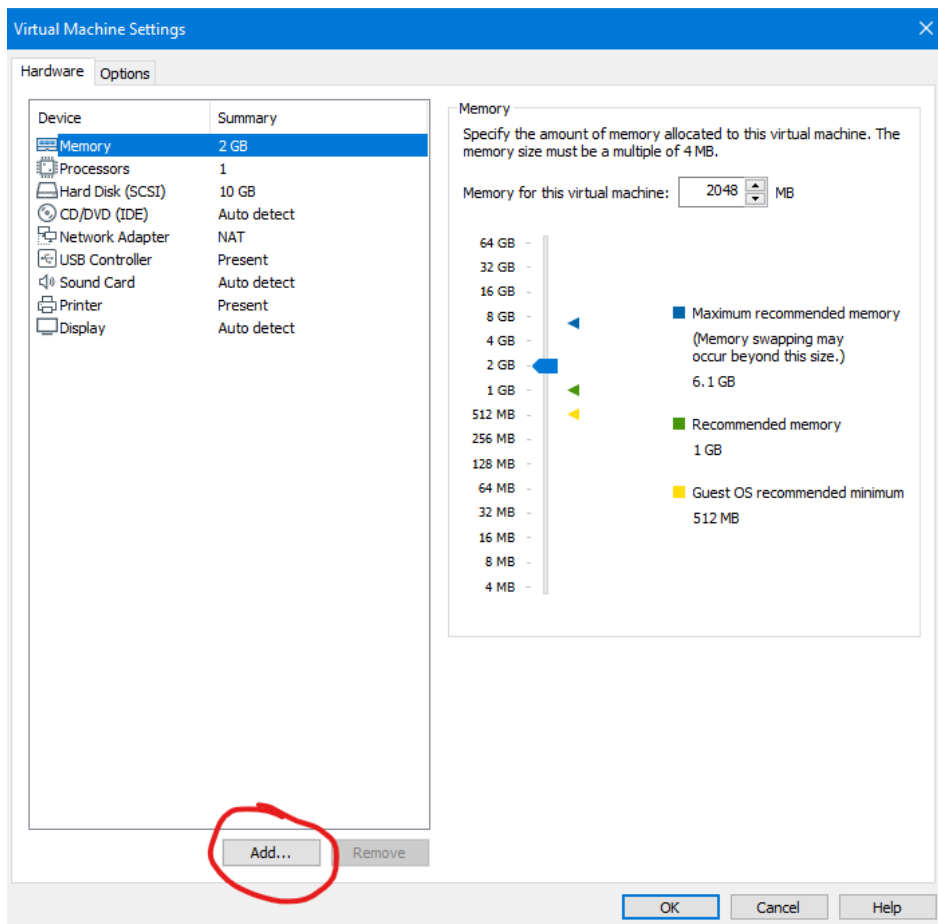
Disk /dev/mapper/centos-swap: 1073 MB, 1073741824 bytes, 2097152 sectors
Units = sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
```

➔ df and fdisk -l not same result

3/ add a new virtual disk

Steps :





Add Hardware Wizard

Select a Disk Type
What kind of disk do you want to create?

Virtual disk type

☒ IDE 1

☐ SCSI (Recommended)

☐ SATA

☐ NVMe

< Back Next > Cancel

2

Add Hardware Wizard

Select a Disk
Which disk do you want to use?

Disk

☒ Create a new virtual disk

A virtual disk is composed of one or more files on the host file system, which will appear as a single hard disk to the guest operating system. Virtual disks can easily be copied or moved on the same host or between hosts.

☐ Use an existing virtual disk

Choose this option to reuse a previously configured disk.

☐ Use a physical disk (for advanced users)

Choose this option to give the virtual machine direct access to a local hard disk. Requires administrator privileges.

< Back Next > Cancel

Add Hardware Wizard [X]

Specify Disk Capacity
How large do you want this disk to be?

Maximum disk size (GB):

Recommended size for CentOS 7 64-bit: 20 GB

☐ Allocate all disk space now.
Allocating the full capacity can enhance performance but requires all of the physical disk space to be available right now. If you do not allocate all the space now, the virtual disk starts small and grows as you add data to it.

☐ Store virtual disk as a single file

☒ Split virtual disk into multiple files
Splitting the disk makes it easier to move the virtual machine to another computer but may reduce performance with very large disks.

< Back **Next >** Cancel

Add Hardware Wizard [X]

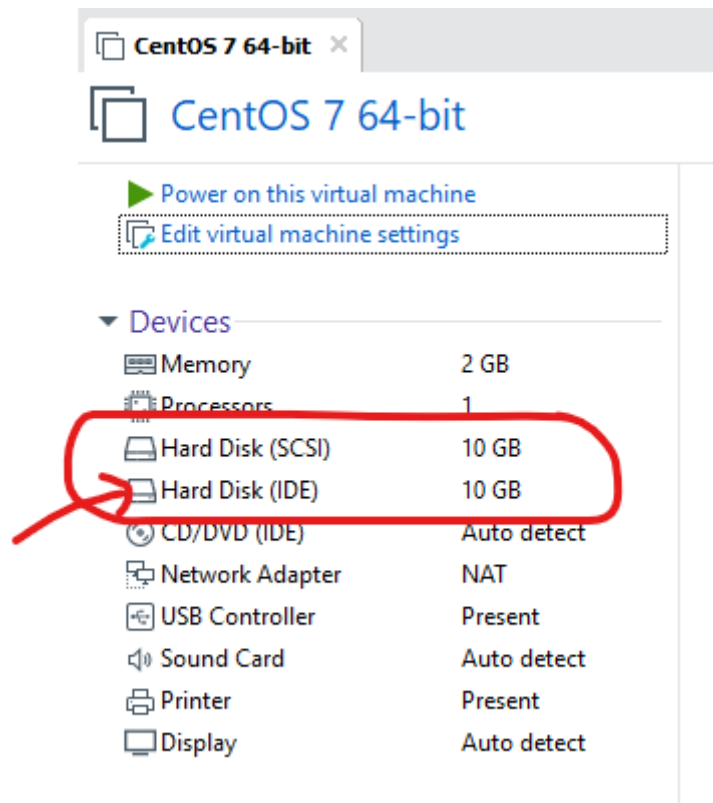
Specify Disk File
Where would you like to store the disk file?

Disk file

A 10 GB virtual disk be created using multiple disk files. The disk files will be automatically named based on this file name.

< Back **Finish** Cancel

Afer add hard disk :



4/ df, fdisk -l

df

```
[root@localhost ~]# df
Filesystem            1K-blocks    Used Available Use% Mounted on
/dev/mapper/centos-root 8869888 4960816   3909072   56% /
devtmpfs                925312         0    925312    0% /dev
tmpfs                   935244         84    935160    1% /dev/shm
tmpfs                   935244     9036    926208    1% /run
tmpfs                   935244         0    935244    0% /sys/fs/cgroup
/dev/sda1              508588  126784   381804   25% /boot
```

fdisk -l

```
[root@localhost ~]# fdisk -l

Disk /dev/sda: 10.7 GB, 10737418240 bytes, 20971520 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 label type: dos
Disk identifier: 0x000f0f81

   Device Boot      Start         End      Blocks   Id  System
/dev/sda1 *         2048     1026047       512000   83   Linux
/dev/sda2           1026048    20971519      9972736   8e   Linux LVM

Disk /dev/sdb: 10.7 GB, 10737418240 bytes, 20971520 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 identifier: 0x000f0f81

Device	Boot	Start	End	Blocks	Id	System
/dev/sda1	*	2048	1026047	512000	83	Linux
/dev/sda2		1026048	20971519	9972736	8e	Linux LVM

Disk /dev/sdb: 10.7 GB, 10737418240 bytes, 20971520 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/mapper/centos-root: 9093 MB, 9093251072 bytes, 17760256 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/mapper/centos-swap: 1073 MB, 1073741824 bytes, 2097152 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

Yes, system is change, visible add one new disk when use fdisk -l

5/ fdisk /dev/device

fdisk /dev/sdb

```
[root@localhost ~]# fdisk /dev/sdb
Welcome to fdisk (util-linux 2.23.2).
```

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
Building a new DOS disklabel with disk identifier 0x6069f567.

6/ When pressed m

```
Command (m for help): m
Command action
  a   toggle a bootable flag
  b   edit bsd disklabel
  c   toggle the dos compatibility flag
  d   delete a partition
  g   create a new empty GPT partition table
  G   create an IRIX (SGI) partition table
  l   list known partition types
  m   print this menu
  n   add a new partition
  o   create a new empty DOS partition table
  p   print the partition table
  q   quit without saving changes
  s   create a new empty Sun disklabel
  t   change a partition's system id
  u   change display/entry units
  v   verify the partition table
  w   write table to disk and exit
  x   extra functionality (experts only)
```

7/ pressed n

8/ pressed p

9/ pressed 1

10/ pressed 1

11/ pressed enter

```
Command (m for help): n
Partition type:
   p   primary (0 primary, 0 extended, 4 free)
   e   extended
Select (default p): p
Partition number (1-4, default 1): 1
First sector (2048-20971519, default 2048): 1
Value out of range.
First sector (2048-20971519, default 2048): 2048
Last sector, +sectors or +size{K,M,G} (2048-20971519, default 20971519):
Using default value 20971519
Partition 1 of type Linux and of size 10 GiB is set
```

12/ pressed again p

```
Command (m for help): p

Disk /dev/sdb: 10.7 GB, 10737418240 bytes, 20971520 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 label type: dos
Disk identifier: 0x6069f567
```

Device	Boot	Start	End	Blocks	Id	System
/dev/sdb1		2048	20971519	10484736	83	Linux

13/ pressed w

```
Command (m for help): w
The partition table has been altered!

Calling ioctl() to re-read partition table.
Syncing disks.
```

14/ use again df and fdisk -l

➔ Add is device boot new when use fdisk -l

df

```
[root@localhost ~]# df
Filesystem            1K-blocks    Used Available Use% Mounted on
/dev/mapper/centos-root 8869888 4959416   3910472  56% /
devtmpfs                925312         0    925312   0% /dev
tmpfs                   935244         84    935160   1% /dev/shm
tmpfs                   935244      9040    926204   1% /run
tmpfs                   935244         0    935244   0% /sys/fs/cgroup
/dev/sda1                508588  126784   381804  25% /boot
```

fdisk -l

```
[root@localhost ~]# fdisk -l
```

Disk /dev/sda: 10.7 GB, 10737418240 bytes, 20971520 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 label type: dos
Disk identifier: 0x000f0f81

Device	Boot	Start	End	Blocks	Id	System
/dev/sda1	*	2048	1026047	512000	83	Linux
/dev/sda2		1026048	20971519	9972736	8e	Linux LVM

Disk /dev/sdb: 10.7 GB, 10737418240 bytes, 20971520 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 label type: dos
Disk identifier: 0x6069f567

Device	Boot	Start	End	Blocks	Id	System
/dev/sdb1		2048	20971519	10484736	83	Linux

Disk /dev/mapper/centos-root: 9093 MB, 9093251072 bytes, 17760256 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/mapper/centos-swap: 1073 MB, 1073741824 bytes, 2097152 sectors
Units = sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes

15/ mkfs -t ext3 /dev/device

mkfs -t ext3 /dev/sdb1

```
[root@localhost ~]# mkfs -t ext3 /dev/sdb1
```

mke2fs 1.42.9 (28-Dec-2013)
Filesystem label=
OS type: Linux
Block size=4096 (log=2)
Fragment size=4096 (log=2)
Stride=0 blocks, Stripe width=0 blocks
655360 inodes, 2621184 blocks
131059 blocks (5.00%) reserved for the super user
First data block=0
Maximum filesystem blocks=2684354560
80 block groups
32768 blocks per group, 32768 fragments per group
8192 inodes per group
Superblock backups stored on blocks:
232768, 98304, 163840, 229376, 294912, 819200, 884736, 1605632

Allocating group tables: done
Writing inode tables: done
Creating journal (32768 blocks): done
Writing superblocks and filesystem accounting information: done

16/ mkdir folder in /mnt

```
[root@localhost ~]# mkdir /mnt/newdisk
[root@localhost ~]# cd /mnt/newdisk
[root@localhost newdisk]#
```

17/ mount -t auto /dev/device /mnt/newdisk

mount -t auto /dev/sdb1 /mnt/newdisk

18/ mount


```
[root@localhost ~]# mount -t auto /dev/sdb1 /mnt/newdisk
[root@localhost ~]# mount
proc on /proc type proc (rw,nosuid,nodev,noexec,relatime)
sysfs on /sys type sysfs (rw,nosuid,nodev,noexec,relatime,seclabel)
devtmpfs on /dev type devtmpfs (rw,nosuid,seclabel,size=925312k,nr_inodes=231328,mode=755)
securityfs on /sys/kernel/security type securityfs (rw,nosuid,nodev,noexec,relatime)
tmpfs on /dev/shm type tmpfs (rw,nosuid,nodev,seclabel)
devpts on /dev/pts type devpts (rw,nosuid,noexec,relatime,seclabel,gid=5,mode=620,ptmxmode=000)
tmpfs on /run type tmpfs (rw,nosuid,nodev,seclabel,mode=755)
tmpfs on /sys/fs/cgroup type tmpfs (rw,nosuid,nodev,noexec,seclabel,mode=755)
cgroup on /sys/fs/cgroup/systemd type cgroup (rw,nosuid,nodev,noexec,relatime,xattr,release_agent=/usr/lib/systemd/systemd-cgroups-agent,name=systemd)
pstore on /sys/fs/pstore type pstore (rw,nosuid,nodev,noexec,relatime)
cgroup on /sys/fs/cgroup/cpuset type cgroup (rw,nosuid,nodev,noexec,relatime,cpuset)
cgroup on /sys/fs/cgroup/cpu,cpuacct type cgroup (rw,nosuid,nodev,noexec,relatime,cpuacct,cpu)
cgroup on /sys/fs/cgroup/memory type cgroup (rw,nosuid,nodev,noexec,relatime,memory)
cgroup on /sys/fs/cgroup/devices type cgroup (rw,nosuid,nodev,noexec,relatime,devices)
cgroup on /sys/fs/cgroup/freezer type cgroup (rw,nosuid,nodev,noexec,relatime,freezer)
cgroup on /sys/fs/cgroup/net_cls type cgroup (rw,nosuid,nodev,noexec,relatime,net_cls)
cgroup on /sys/fs/cgroup/blkio type cgroup (rw,nosuid,nodev,noexec,relatime,blkio)
cgroup on /sys/fs/cgroup/perf_event type cgroup (rw,nosuid,nodev,noexec,relatime,perf_event)
cgroup on /sys/fs/cgroup/devices type cgroup (rw,nosuid,nodev,noexec,relatime,devices)
cgroup on /sys/fs/cgroup/freezer type cgroup (rw,nosuid,nodev,noexec,relatime,freezer)
cgroup on /sys/fs/cgroup/net_cls type cgroup (rw,nosuid,nodev,noexec,relatime,net_cls)
cgroup on /sys/fs/cgroup/blkio type cgroup (rw,nosuid,nodev,noexec,relatime,blkio)
cgroup on /sys/fs/cgroup/perf_event type cgroup (rw,nosuid,nodev,noexec,relatime,perf_event)
cgroup on /sys/fs/cgroup/hugetlb type cgroup (rw,nosuid,nodev,noexec,relatime,hugetlb)
configfs on /sys/kernel/config type configfs (rw,relatime)
/dev/mapper/centos-root on / type xfs (rw,relatime,seclabel,attr2,inode64,noquota)
selinuxfs on /sys/fs/selinux type selinuxfs (rw,relatime)
systemd-1 on /proc/sys/fs/binfmt_misc type autofs (rw,relatime,fd=31,pgrp=1,timeout=300,minproto=5,maxproto=5,direct)
debugfs on /sys/kernel/debug type debugfs (rw,relatime)
mqueue on /dev/mqueue type mqueue (rw,relatime,seclabel)
hugetlbfs on /dev/hugepages type hugetlbfs (rw,relatime,seclabel)
/dev/sda1 on /boot type xfs (rw,relatime,seclabel,attr2,inode64,noquota)
gvfsd-fuse on /run/user/0/gvfs type fuse.gvfsd-fuse (rw,nosuid,nodev,relatime,user_id=0,group_id=0)
fusectl on /sys/fs/fuse/connections type fusectl (rw,relatime)
/dev/sdb1 on /mnt/newdisk type ext3 (rw,relatime,seclabel,data=ordered)
```

19/ vi etc/fstab

```
#
# /etc/fstab
# Created by anaconda on Sun Oct 10 20:09:40 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-root / xfs defaults 0 0
UUID=924a0e5a-8a43-4896-b186-be0b61cef035 /boot xfs defaults 0 0
/dev/mapper/centos-swap swap swap defaults 0 0
```

20/ add line /dev/sdb1 /mnt/newdisk ext3 default 1 2

```
#
# /etc/fstab
# Created by anaconda on Sun Oct 10 20:09:40 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-root / xfs defaults 0 0
UUID=924a0e5a-8a43-4896-b186-be0b61cef035 /boot xfs defaults 0 0
/dev/mapper/centos-swap swap swap defaults 0 0
/dev/sdb1 /mnt/newdisk ext3 defaults 1 2
```

21 / :wq

Save and exit vi

22/ umount /mnt/newdisk

```
[root@localhost ~]# umount /mnt/newdisk
[root@localhost ~]#
```

23/ fsck /dev/device

fsck /dev/sdb1

```
[root@localhost ~]# fsck /dev/sdb1
fsck from util-linux 2.23.2
e2fsck 1.42.9 (28-Dec-2013)
/dev/sdb1: clean, 11/655360 files, 79696/2621184 blocks
```

24/ reboot system

use again df, fdisk -l, mount

df

➔ Is add directory dev/sdb1

```
[root@localhost ~]# df
Filesystem            1K-blocks    Used Available Use% Mounted on
/dev/mapper/centos-root 8869888 4960624   3909264   56% /
devtmpfs                925312         0    925312    0% /dev
tmpfs                   935244     152    935092    1% /dev/shm
tmpfs                   935244     9092   926152    1% /run
tmpfs                   935244         0    935244    0% /sys/fs/cgroup
/dev/sdb1              10189112    23160   9641716    1% /mnt/newdisk
/dev/sda1               508588    126784    381804   25% /boot
```

fdisk -l

```
[root@localhost ~]# fdisk -l
```

```
Disk /dev/sda: 10.7 GB, 10737418240 bytes, 20971520 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 label type: dos
Disk identifier: 0x000f0f81
```

Device	Boot	Start	End	Blocks	Id	System
/dev/sda1	*	2048	1026047	512000	83	Linux
/dev/sda2		1026048	20971519	9972736	8e	Linux LVM

```
Disk /dev/sdb: 10.7 GB, 10737418240 bytes, 20971520 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 label type: dos
Disk identifier: 0x6069f567
```

Device	Boot	Start	End	Blocks	Id	System
/dev/sdb1		2048	20971519	10484736	83	Linux

```
Disk /dev/mapper/centos-root: 9093 MB, 9093251072 bytes, 17760256 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/mapper/centos-swap: 1073 MB, 1073741824 bytes, 2097152 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
```

mount

```
securityfs on /sys/kernel/security type securityfs (rw,nosuid,nodev,noexec,relatime)
tmpfs on /dev/shm type tmpfs (rw,nosuid,nodev,seclabel)
devpts on /dev/pts type devpts (rw,nosuid,noexec,relatime,seclabel,gid=5,mode=620,ptmxmode=000)
tmpfs on /run type tmpfs (rw,nosuid,nodev,seclabel,mode=755)
tmpfs on /sys/fs/cgroup type tmpfs (rw,nosuid,nodev,noexec,seclabel,mode=755)
cgroup on /sys/fs/cgroup/systemd type cgroup (rw,nosuid,nodev,noexec,relatime,xattr,release_agent=/usr/lib/systemd/systemd-cgroups-agent,name=systemd)
pstore on /sys/fs/pstore type pstore (rw,nosuid,nodev,noexec,relatime)
cgroup on /sys/fs/cgroup/cpuset type cgroup (rw,nosuid,nodev,noexec,relatime,cpuset)
cgroup on /sys/fs/cgroup/cpu,cpuacct type cgroup (rw,nosuid,nodev,noexec,relatime,cpuacct,cpu)
cgroup on /sys/fs/cgroup/memory type cgroup (rw,nosuid,nodev,noexec,relatime,memory)
cgroup on /sys/fs/cgroup/devices type cgroup (rw,nosuid,nodev,noexec,relatime,devices)
cgroup on /sys/fs/cgroup/freezer type cgroup (rw,nosuid,nodev,noexec,relatime,freezer)
cgroup on /sys/fs/cgroup/net_cls type cgroup (rw,nosuid,nodev,noexec,relatime,net_cls)
cgroup on /sys/fs/cgroup/blkio type cgroup (rw,nosuid,nodev,noexec,relatime,blkio)
cgroup on /sys/fs/cgroup/perf_event type cgroup (rw,nosuid,nodev,noexec,relatime,perf_event)
cgroup on /sys/fs/cgroup/hugetlb type cgroup (rw,nosuid,nodev,noexec,relatime,hugetlb)
configfs on /sys/kernel/config type configfs (rw,relatime)
/dev/mapper/centos-root on / type xfs (rw,relatime,seclabel,attr2,inode64,noquota)
selinuxfs on /sys/fs/selinux type selinuxfs (rw,relatime)
systemd-1 on /proc/sys/fs/binfmt_misc type autofs (rw,relatime,fd=32,pgrp=1,timeout=300,minproto=5,maxproto=5,direct)
debugfs on /sys/kernel/debug type debugfs (rw,relatime)
mqueue on /dev/mqueue type mqueue (rw,relatime,seclabel)
hugetlbfs on /dev/hugepages type hugetlbfs (rw,relatime,seclabel)
/dev/sdb1 on /mnt/newdisk type ext3 (rw,relatime,seclabel,data=ordered)
/dev/sda1 on /boot type xfs (rw,relatime,seclabel,attr2,inode64,noquota)
gvfsd-fuse on /run/user/0/gvfs type fuse.gvfsd-fuse (rw,nosuid,nodev,relatime,user_id=0,group_id=0)
fusectl on /sys/fs/fuse/connections type fusectl (rw,relatime)
```

```
25/ mkdir /mnt/usb
```

```
mount -t ext3 /dev/sdb1 /mnt/usb
```

```
mount | grep sdb1
```

```
[root@localhost usb]# mount -t ext3 /dev/sdb1 /mnt/usb
[root@localhost usb]# mount | grep sdb1
/dev/sdb1 on /mnt/newdisk type ext3 (rw,relatime,seclabel,data=ordered)
/dev/sdb1 on /mnt/usb type ext3 (rw,relatime,seclabel,data=ordered)
```

```
Check /mnt/usb
```

```
[root@localhost usb]# ls -la
total 24
drwxr-xr-x. 3 root root 4096 Mar 16 11:03 .
drwxr-xr-x. 4 root root 30 Mar 16 10:32 ..
drwx----- 2 root root 16384 Mar 16 10:05 lost+found
-rw-r--r-- 1 root root 6 Mar 16 11:03 text.txt
```

26/ *du file*

du /etc

```
[root@localhost ~]# du /etc
16      /etc/fonts/conf.d
24      /etc/fonts
4       /etc/X11/fontpath.d
0       /etc/X11/applnk
4       /etc/X11/xorg.conf.d
24      /etc/X11/xinit/xinitrc.d
0       /etc/X11/xinit/Xclients.d
16      /etc/X11/xinit/xinput.d
60      /etc/X11/xinit
76      /etc/X11
12      /etc/pki/rpm-gpg
180     /etc/pki/ca-trust/extracted/java
320     /etc/pki/ca-trust/extracted/openssl
616     /etc/pki/ca-trust/extracted/pem
1120    /etc/pki/ca-trust/extracted
0       /etc/pki/ca-trust/source/anchors
0       /etc/pki/ca-trust/source/blacklist
4       /etc/pki/ca-trust/source
1128    /etc/pki/ca-trust
0       /etc/pki/java
12      /etc/pki/tls/certs
24      /etc/pki/tls/misc
0       /etc/pki/tls/private
48      /etc/pki/tls
124     /etc/pki/nssdb
0       /etc/pki/CA/certs
0       /etc/pki/CA/crl
0       /etc/pki/CA/newcerts
0       /etc/pki/CA/private
0       /etc/pki/CA
0       /etc/pki/rsyslog
```

du [option] file

du-s /etc

```
[root@localhost ~]# du -s /etc
28112   /etc
```

du -a /etc

```

4      /etc/pinforc
4      /etc/sudo-ldap.conf
4      /etc/sudo.conf
4      /etc/sudoers
0      /etc/sudoers.d
0      /etc/cifs-utils/idmap-plugin
0      /etc/cifs-utils
8      /etc/man_db.conf
8      /etc/wgetrc
8      /etc/enscript.cfg
12     /etc/nanorc
0      /etc/scl/conf
0      /etc/scl/prefixes
0      /etc/scl
4      /etc/pbm2ppa.conf
8      /etc/pnm2ppa.conf
4      /etc/vconsole.conf
0      /etc/localtime
4      /etc/locale.conf
4      /etc/hostname
12     /etc/aliases.db
4      /etc/mc/edit.indent.rc
4      /etc/mc/filehighlight.ini
20     /etc/mc/mc.ext
12     /etc/mc/mc.keymap
12     /etc/mc/mc.keymap.default
12     /etc/mc/mc.keymap.emacs
12     /etc/mc/mc.menu
12     /etc/mc/mc.menu.sr
16     /etc/mc/mcedit.menu
4      /etc/mc/sfs.ini
112    /etc/mc
28112  /etc

```

...

27/ date

```

[root@localhost ~]# date
Thu Mar 16 10:41:30 ICT 2023

```

date --date="tomorrow"

```

[root@localhost ~]# date --date="tomorrow"
Fri Mar 17 10:50:58 ICT 2023

```

date "+DATE: %D%nTIME: %T"

```

[root@localhost ~]# date "+DATE: %D%n TIME: %T"
DATE: 03/16/23
TIME: 10:54:05

```

date -r etc/hosts

```

[root@localhost ~]# date -r /etc/hosts
Fri Jun 7 21:31:32 ICT 2013

```

...