

```
[root@aioCloud ~]# lsblk      #
```

```
NAME    MAJ:MIN RM  SIZE RO TYPE MOUNTPOINT
```

```
sda      8:0    0   40G  0 disk
```

```
└─sda1    8:1    0  500M  0 part /boot
```

```
└─sda2    8:2    0    2G  0 part [SWAP]
```

```
└─sda3    8:3    0 17.5G  0 part /
```

```
sr0      11:0    1  918M  0 rom
```

```
[root@aioCloud ~]# df -Th      #
```

```
Filesystem      Type      Size  Used Avail Use% Mounted on
```

```
/dev/sda3       xfs        18G  994M   17G   6% /
```

```
devtmpfs        devtmpfs   476M    0  476M   0% /dev
```

```
tmpfs           tmpfs      487M    0  487M   0% /dev/shm
```

```
tmpfs           tmpfs      487M  7.6M  479M   2% /run
```

```
tmpfs           tmpfs      487M    0  487M   0% /sys/fs/cgroup
```

```
/dev/sda1       xfs        497M 120M  378M  25% /boot
```

```
tmpfs           tmpfs       98M    0   98M   0% /run/user/0
```

```
[root@aioCloud ~]# fdisk /dev/sda      # sda
```

```
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.

```
Command (m for help): p      #
```

```
Disk /dev/sda: 42.9 GB, 42949672960 bytes, 83886080 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: 0x0000ca56
```

Device	Boot	Start	End	Blocks	Id	System
/dev/sda1	*	2048	1026047	512000	83	Linux
/dev/sda2		1026048	5220351	2097152	82	Linux swap / Solaris
/dev/sda3		5220352	41943039	18361344	83	Linux

```
Command (m for help): d      #
```

```

Partition number (1-3, default 3): 3      # 3
Partition 3 is deleted      # 3

Command (m for help): n      # 1
Partition type:
    p  primary (2 primary, 0 extended, 2 free)      #
    e  extended      #
Select (default p): p      #
Partition number (3,4, default 3):      # 3
First sector (5220352-83886079, default 5220352):      # 5220352
Using default value 5220352
Last sector, +sectors or +size{K,M,G} (5220352-83886079, default 83886079):      #
Using default value 83886079
Partition 3 of type Linux and of size 37.5 GiB is set      # 3 37.5G

```

```

Command (m for help): p      #

```

```

Disk /dev/sda: 42.9 GB, 42949672960 bytes, 83886080 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: 0x0000ca56

```

Device	Boot	Start	End	Blocks	Id	System
/dev/sda1	*	2048	1026047	512000	83	Linux
/dev/sda2		1026048	5220351	2097152	82	Linux swap / Solaris
/dev/sda3		5220352	83886079	39332864	83	Linux # 3

```

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

```

```

Calling ioctl() to re-read partition table.

```

```

WARNING: Re-reading the partition table failed with error 16: Device or resource busy.
The kernel still uses the old table. The new table will be used at
the next reboot or after you run partprobe(8) or kpartx(8)
Syncing disks.

```

```

[root@aioCloud ~]# partprobe /dev/sda      # sda
[root@aioCloud ~]# lsblk      #
NAME MAJ:MIN RM SIZE RO TYPE MOUNTPOINT

```

```

sda      8:0    0   40G   0 disk
└─sda1   8:1    0  500M   0 part /boot
└─sda2   8:2    0    2G   0 part [SWAP]
└─sda3   8:3    0 37.5G   0 part /
sr0      11:0    1  918M   0 rom
[root@aioCloud ~]# df -Th    #

```

Filesystem	Type	Size	Used	Avail	Use%	Mounted on
/dev/sda3	xfs	18G	994M	17G	6%	/
devtmpfs	devtmpfs	476M	0	476M	0%	/dev
tmpfs	tmpfs	487M	0	487M	0%	/dev/shm
tmpfs	tmpfs	487M	7.6M	479M	2%	/run
tmpfs	tmpfs	487M	0	487M	0%	/sys/fs/cgroup
/dev/sda1	xfs	497M	120M	378M	25%	/boot
tmpfs	tmpfs	98M	0	98M	0%	/run/user/0

```

[root@aioCloud ~]# xfs_growfs /dev/sda3    # xfs_growfs sda3
meta-data=/dev/sda3            isize=512    agcount=4, agsize=1147584 blks
        =                       sectsz=512    attr=2, projid32bit=1
        =                       crc=1        finobt=0 spinodes=0
data      =                       bsize=4096   blocks=4590336, imaxpct=25
        =                       sunit=0      swidth=0 blks
naming    =version 2           bsize=4096   ascii-ci=0 ftype=1
log        =internal          bsize=4096   blocks=2560, version=2
        =                       sectsz=512   sunit=0 blks, lazy-count=1
realtime  =none                extsz=4096   blocks=0, rtextents=0
data blocks changed from 4590336 to 9833216
[root@aioCloud ~]# df -Th    #

```

Filesystem	Type	Size	Used	Avail	Use%	Mounted on
/dev/sda3	xfs	38G	994M	37G	3%	/
devtmpfs	devtmpfs	476M	0	476M	0%	/dev
tmpfs	tmpfs	487M	0	487M	0%	/dev/shm
tmpfs	tmpfs	487M	7.6M	479M	2%	/run
tmpfs	tmpfs	487M	0	487M	0%	/sys/fs/cgroup
/dev/sda1	xfs	497M	120M	378M	25%	/boot
tmpfs	tmpfs	98M	0	98M	0%	/run/user/0

```

[root@aioCloud ~]# reboot    #

```

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