



Select (default p): p  
Partition number (1-4, default 1):  
First sector (2048-209715199, default 2048):  
Last sector, +sectors or +size{K,M,G,T,P} (2048-209715199, default 209715199):

Created a new partition 1 of type 'Linux' and of size 100 GiB.

Command (m for help): w  
The partition table has been altered.  
Calling ioctl() to re-read partition table.  
Syncing disks.

```
[root@ip-172-31-29-140 ~]# mkfs.ext4 /dev/xvdf
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
6553600 inodes, 26214400 blocks
1310720 blocks (5.00%) reserved for the super user
First data block=0
Maximum filesystem blocks=2174746624
800 block groups
32768 blocks per group, 32768 fragments per group
8192 inodes per group
Superblock backups stored on blocks:
    32768, 98304, 163840, 229376, 294912, 819200, 884736, 1605632, 2654208,
    4096000, 7962624, 11239424, 20480000, 23887872
```

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

```
[root@ip-172-31-29-140 ~]# mkdir snemani
[root@ip-172-31-29-140 ~]# ls
snemani
[root@ip-172-31-29-140 ~]# fdisk -l
Disk /dev/xvda: 10 GiB, 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
Disklabel type: gpt
Disk identifier: FACB2BA0-0AE1-4C0F-BCF8-5A42B66C1B45
```

Device	Start	End	Sectors	Size	Type
/dev/xvda1	4096	20971486	20967391	10G	Linux filesystem
/dev/xvda128	2048	4095	2048	1M	BIOS boot

Partition table entries are not in disk order.

Disk /dev/xvdf: 100 GiB, 107374182400 bytes, 209715200 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@ip-172-31-29-140 ~]# mount /dev/xvdf snemani  
[root@ip-172-31-29-140 ~]# lsblk  
NAME MAJ:MIN RM SIZE RO TYPE MOUNTPOINT  
xvda 202:0 0 10G 0 disk  
└─xvda1 202:1 0 10G 0 part /  
xvdf 202:80 0 100G 0 disk /root/snemani  
[root@ip-172-31-29-140 ~]# history  
1 fdisk -l  
2 fdisk /dev/xvdf  
3 mkfs.ext4 /dev/xvdf  
4 mkdir snemani  
5 ls  
6 fdisk -l  
7 mount /dev/xvdf snemani  
8 lsblk  
9 history  
[root@ip-172-31-29-140 ~]#