



Amazon Linux 2023

<https://aws.amazon.com/linux/amazon-linux-2023>

```
Welcome to fdisk (util-linux 2.37.4).
Changes will remain in memory only, until you decide to write them.
Be careful before using the write command.
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Changes will remain in memory only, until you decide to write them.
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```
fdisk: cannot open /xvdf: No such file or directory
[root@ip-10-11-1-180 ~]# fdisk /dev/xvdf
```

```
Welcome to fdisk (util-linux 2.37.4).
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 0xdb400578.
```

```
Command (m for help): n
Partition type
   p   primary (0 primary, 0 extended, 4 free)
   e   extended (container for logical partitions)
Select (default p):
```

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

```

[root@ip-10-11-1-180 ~]# lsblk
NAME        MAJ:MIN RM SIZE RO TYPE MOUNTPOINTS
xvda       202:0    0 80 0 disk
└─xvda1    202:1    0 80 0 part /
    └─xvda127 259:0    0 1M 0 part
        └─xvda128 259:1    0 10M 0 part
xvdf       202:80   0 4G 0 disk
└─xvdf1    202:81   0 4G 0 part
[root@ip-10-11-1-180 ~]# mkfs.ex4 /dev/xvdf
-bash: mkfs.ex4: command not found
[root@ip-10-11-1-180 ~]# mkfs.ex4 /dev/xvdf1
-bash: mkfs.ex4: command not found
[root@ip-10-11-1-180 ~]# mkfs.ext4 /dev/xvdf1
mke2fs 1.4.5 (30-Dec-2021)
Creating filesystem with 1048320 4k blocks and 262144 inodes
Filesystem UUID: 0ffe9b4c-1704-4be6-8dd9-847ab44d564b
Superblock backups stored on blocks:
    32768, 98304, 163840, 229376, 294912, 819200, 884736

Allocating group tables: done
Writing inode tables: done
Creating journal (16384 blocks): done
Writing superblocks and filesystem accounting information: done

[root@ip-10-11-1-180 ~]# blkid
/dev/xvda128: SEC_TYPE="msdos" UUID="EFF7-5416" BLOCK_SIZE="512" TYPE="vfat" PARTLABEL="EFI System Partition" PARTUUID="9dbe0f96-e37c-4262-a1c9-d01c0edf0e8c"
/dev/xvda127: PARTLABEL="BIOS Boot Partition" PARTUUID="cd4d3be1-1ffb-4b44-a977-09b2623e9218"
/dev/xvda1: LABEL="xfs" UUID="95a6d892-872c-42a1-b366-b20989fe58fc" BLOCK_SIZE="4096" PARTUUID="17323585-4c4b-4be5-8c6e-f2b2d07e7011"
/dev/xvdf1: UUID="0ffe9b4c-1704-4be6-8dd9-847ab44d564b" BLOCK_SIZE="4096" TYPE="ext4" PARTUUID="db408578-01"

[root@ip-10-11-1-180 ~]# lsblk
NAME        MAJ:MIN RM SIZE RO TYPE MOUNTPOINTS
xvda       202:0    0 80 0 disk
└─xvda1    202:1    0 80 0 part /
    └─xvda127 259:0    0 1M 0 part
        └─xvda128 259:1    0 10M 0 part
xvdf       202:80   0 4G 0 disk
└─xvdf1    202:81   0 4G 0 part
[root@ip-10-11-1-180 ~]# mkdir /linux-EC2-EBS-New
[root@ip-10-11-1-180 ~]# cat /etc/fstab
#
UUID=95a6d892-872c-42a1-b366-b20989fe58fc / xfs defaults,noatime 1 1
UUID=EFF7-5416 /boot/efi vfat defaults,noatime,uid=0,gid=0,umask=0077,shortname=winnt,x-systemd.automount 0 2
[root@ip-10-11-1-180 ~]# nano /etc/fstab
[root@ip-10-11-1-180 ~]# cat /etc/fstab
#
UUID=95a6d892-872c-42a1-b366-b20989fe58fc / xfs defaults,noatime 1 1
UUID=EFF7-5416 /boot/efi vfat defaults,noatime,uid=0,gid=0,umask=0077,shortname=winnt,x-systemd.automount 0 2
UUID=0ffe9b4c-1704-4be6-8dd9-847ab44d564b /linux-EC2-EBS-New ext4
[root@ip-10-11-1-180 ~]# df -h
Filesystem      Size  Used Avail Use% Mounted on
tmpfs           4.0M  0  4.0M   0% /dev
tmpfs           477M  0  477M   0% /dev/shm
tmpfs          191M  2.0M  189M   2% /run
/dev/xvda1      8.0G  1.5G  6.5G  19% /
tmpfs           477M  0  477M   0% /tmp
tmpfs           96M   0  96M   0% /run/user/1000
[root@ip-10-11-1-180 ~]# mount -a
[root@ip-10-11-1-180 ~]# df -h

```

```
[root@ip-10-11-1-180 ~]# df -h
```

Filesystem	Size	Used	Avail	Use%	Mounted on
devtmpfs	4.0M	0	4.0M	0%	/dev
tmpfs	477M	0	477M	0%	/dev/shm
tmpfs	191M	2.9M	188M	2%	/run
/dev/xvda1	8.0G	1.5G	6.5G	19%	/
tmpfs	477M	0	477M	0%	/tmp
tmpfs	96M	0	96M	0%	/run/user/1000
/dev/xvda128	10M	1.2M	8.8M	12%	/boot/efi
/dev/xvdf1	5.9G	24K	5.6G	1%	/linux-EC2-EBS-New

```
[root@ip-10-11-1-180 ~]# echo "see above for xvdf1 we have extended to file system also after growpart command in xvdf1"
see above for xvdf1 we have extended to file system also after growpart command in xvdf1
[root@ip-10-11-1-180 ~]# wget https://releases.hashicorp.com/terraform/1.4.4/terraform_1.4.4_linux_386.zip
--2023-04-04 19:28:50-- https://releases.hashicorp.com/terraform/1.4.4/terraform_1.4.4_linux_386.zip
Saving to: 'releases.hashicorp.com ([releases.hashicorp.com)... 108.138.85.30, 108.138.85.31, 108.138.85.53, ...
Connecting to releases.hashicorp.com ([releases.hashicorp.com]|108.138.85.30|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 19502765 (19M) [application/zip]
Saving to: 'terraform_1.4.4_linux_386.zip'

terraform_1.4.4_linux_386.zip      100%[=====>]  18.60M   116MB/s   in 0.2s

2023-04-04 19:28:51 (116 MB/s) - 'terraform_1.4.4_linux_386.zip' saved [19502765/19502765]
```

```
[root@ip-10-11-1-180 ~]# ls
terraform_1.4.4_linux_386.zip
[root@ip-10-11-1-180 ~]# ll
total 19048
-rw-r--r-- 1 root root 19502765 Mar 30 19:52 terraform_1.4.4_linux_386.zip
[root@ip-10-11-1-180 ~]# for i in {1..10}
do
> cp terraform_1.4.4_linux_386.zip
>
> done
cp: missing destination file operand after 'terraform_1.4.4_linux_386.zip'
Try 'cp --help' for more information.
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Try 'cp --help' for more information.
cp: missing destination file operand after 'terraform_1.4.4_linux_386.zip'
Try 'cp --help' for more information.
clear: invalid option -- '1'
Usage: clear [options]
```

Options:

- T TERM use this instead of STERM
- V print curses-version
- x do not try to clear scrollbar

```
[root@ip-10-11-1-180 ~]# echo "Now we have downloaded the terraform zip file using wget command"
Now we have downloaded the terraform zip file using wget command
[root@ip-10-11-1-180 ~]# echo "Now we are gonna copy the same file in system using for loop"
Now we are gonna copy the same file in system using for loop
[root@ip-10-11-1-180 ~]# for i in {1..10}
```

```
> cp terraform_1.4.4_linux_386.zip terraform_1.4.4_linux_386-$I.zip
> done
[root@ip-10-11-1-180 ~]# ll
total 209528
-rw-r--r--. 1 root root 19502765 Apr  4 19:31 terraform_1.4.4_linux_386-1.zip
-rw-r--r--. 1 root root 19502765 Apr  4 19:31 terraform_1.4.4_linux_386-10.zip
-rw-r--r--. 1 root root 19502765 Apr  4 19:31 terraform_1.4.4_linux_386-2.zip
-rw-r--r--. 1 root root 19502765 Apr  4 19:31 terraform_1.4.4_linux_386-3.zip
-rw-r--r--. 1 root root 19502765 Apr  4 19:31 terraform_1.4.4_linux_386-4.zip
-rw-r--r--. 1 root root 19502765 Apr  4 19:31 terraform_1.4.4_linux_386-5.zip
-rw-r--r--. 1 root root 19502765 Apr  4 19:31 terraform_1.4.4_linux_386-6.zip
-rw-r--r--. 1 root root 19502765 Apr  4 19:31 terraform_1.4.4_linux_386-7.zip
-rw-r--r--. 1 root root 19502765 Apr  4 19:31 terraform_1.4.4_linux_386-8.zip
-rw-r--r--. 1 root root 19502765 Apr  4 19:31 terraform_1.4.4_linux_386-9.zip
-rw-r--r--. 1 root root 19502765 Mar 30 19:52 terraform_1.4.4_linux_386.zip
[root@ip-10-11-1-180 ~]# lsblk
NAME        MAJ:MIN RM SIZE RO TYPE MOUNTPOINTS
xvda        202:0    0   80 0 disk /
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└─xvda127   259:0    0    1M 0 part
└─xvda128   259:1    0  10M 0 part /boot/efi
xvdf        202:80   0   60 0 disk
└─xvdf1     202:81   0   60 0 part /Linux-EC2-EBS-New
[root@ip-10-11-1-180 ~]# df -h
Filesystem      Size  Used Avail Use% Mounted on
devtmpfs         4.0M    0  4.0M   0% /dev
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tmpfs           191M  2.9M  188M   2% /run
/dev/xvda1       8.0G  1.5G  6.5G  19% /
tmpfs            477M    0  477M   0% /tmp
tmpfs            96M    0   96M   0% /run/user/1000
/dev/xvda128     10M  1.2M  8.8M  12% /boot/efi
/dev/xvdf1       5.9G  24K  5.6G   1% /Linux-EC2-EBS-New
[root@ip-10-11-1-180 ~]# echo "Now we have added 10 zip files in our volume"
Now we have added 10 zip files in our volume
[root@ip-10-11-1-180 ~]# echo "Now we can unmount or delete the volume in AWS"
Now we can unmount or delete the volume in AWS
[root@ip-10-11-1-180 ~]# echo "Now we can unmount the data from here using 'umount /Linux-EC2-EBS-New' or delete this volume from AWS "
Now we can unmount the data from here using 'umount /Linux-EC2-EBS-New' or delete this volume from AWS
[root@ip-10-11-1-180 ~]#
```