[root@ip-172-31-10-202 ~]# clear

[root@ip-172-31-10-202 ~]# fdisk -l

WARNING: fdisk GPT support is currently new, and therefore in an experimental phase. Use at your own discretion.

Disk /dev/xvda: 8589 MB, 8589934592 bytes, 16777216 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: gpt

# Start End Size Type Name

1 4096 16777182 8G Linux filesyste Linux

128 2048 4095 1M BIOS boot parti BIOS Boot Partition

Disk /dev/xvdf: 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

[root@ip-172-31-10-202 ~]# fdisk /dev/xvdf

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 0x94775a6c.

Command (m for help): ^C

[root@ip-172-31-10-202 ~]# clear

[root@ip-172-31-10-202 ~]# fdisk -l

WARNING: fdisk GPT support is currently new, and therefore in an experimental phase. Use at your own discretion.

Disk /dev/xvda: 8589 MB, 8589934592 bytes, 16777216 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: gpt

# Start End Size Type Name

1 4096 16777182 8G Linux filesyste Linux

128 2048 4095 1M BIOS boot parti BIOS Boot Partition

Disk /dev/xvdf: 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

[root@ip-172-31-10-202 ~]# mkfs.ext4 /dev/xvdf

mke2fs 1.42.12 (29-Aug-2014)

Creating filesystem with 2621440 4k blocks and 655360 inodes

Filesystem UUID: c1d56234-75a9-4bf3-ad8d-3dca86b43bd2

Superblock backups stored on blocks:

32768, 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

[root@ip-172-31-10-202 ~]# fdisk -l

WARNING: fdisk GPT support is currently new, and therefore in an experimental phase. Use at your own discretion.

Disk /dev/xvda: 8589 MB, 8589934592 bytes, 16777216 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: gpt

# Start End Size Type Name

1 4096 16777182 8G Linux filesyste Linux

128 2048 4095 1M BIOS boot parti BIOS Boot Partition

Disk /dev/xvdf: 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

[root@ip-172-31-10-202 ~]# clear

[root@ip-172-31-10-202 ~]# fdisk /dev/xvdf

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 0xa932189f.

Command (m for help): n

Partition type:

p primary (0 primary, 0 extended, 4 free)

e extended

Select (default p): e

Partition number (1-4, default 1): 1

First sector (2048-20971519, default 2048):

Using default value 2048

Last sector, +sectors or +size{K,M,G} (2048-20971519, default 20971519): +7G

Partition 1 of type Extended and of size 7 GiB is set

Command (m for help): n

Partition type:

p primary (0 primary, 1 extended, 3 free)

l logical (numbered from 5)

Select (default p): l

Adding logical partition 5

First sector (4096-14682111, default 4096):

Using default value 4096

Last sector, +sectors or +size{K,M,G} (4096-14682111, default 14682111): +5G

Partition 5 of type Linux and of size 5 GiB is set

Command (m for help): w

The partition table has been altered!

Calling ioctl() to re-read partition table.

Syncing disks.

[root@ip-172-31-10-202 ~]# partprobe /dev/xvdf1

Error: Can't have a partition outside the disk!

[root@ip-172-31-10-202 ~]# partprobe /dev/xvdf

[root@ip-172-31-10-202 ~]# fdisk -l

WARNING: fdisk GPT support is currently new, and therefore in an experimental phase. Use at your own discretion.

Disk /dev/xvda: 8589 MB, 8589934592 bytes, 16777216 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: gpt

# Start End Size Type Name

1 4096 16777182 8G Linux filesyste Linux

128 2048 4095 1M BIOS boot parti BIOS Boot Partition

Disk /dev/xvdf: 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: 0xa932189f

Device Boot Start End Blocks Id System

/dev/xvdf1 2048 14682111 7340032 5 Extended

/dev/xvdf5 4096 10489855 5242880 83 Linux

[root@ip-172-31-10-202 ~]# mkfs -t ext4 /dev/xvdf5

mke2fs 1.42.12 (29-Aug-2014)

Creating filesystem with 1310720 4k blocks and 327680 inodes

Filesystem UUID: 046e49be-d700-4397-81f4-820c19fa1577

Superblock backups stored on blocks:

32768, 98304, 163840, 229376, 294912, 819200, 884736

Authenticating with public key "imported-openssh-key"

\_\_| \_\_|\_ )

\_| ( / Amazon Linux AMI

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https://aws.amazon.com/amazon-linux-ami/2017.03-release-notes/

1 package(s) needed for security, out of 1 available

Run "sudo yum update" to apply all updates.

[ec2-user@ip-172-31-10-202 ~]$ sudo -i

[root@ip-172-31-10-202 ~]# ls

[root@ip-172-31-10-202 ~]# fdisk -l

WARNING: fdisk GPT support is currently new, and therefore in an experimental phase. Use at your own discretion.

Disk /dev/xvda: 8589 MB, 8589934592 bytes, 16777216 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: gpt

# Start End Size Type Name

1 4096 16777182 8G Linux filesyste Linux

128 2048 4095 1M BIOS boot parti BIOS Boot Partition

Disk /dev/xvdf: 8589 MB, 8589934592 bytes, 16777216 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-172-31-10-202 ~]# n

-bash: n: command not found

[root@ip-172-31-10-202 ~]# fdisk /dev/xvdf

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 0xb8995056.

Command (m for help): n

Partition type:

p primary (0 primary, 0 extended, 4 free)

e extended

Select (default p): e

Partition number (1-4, default 1): 1

First sector (2048-16777215, default 2048): +7G

Last sector, +sectors or +size{K,M,G} (14680064-16777215, default 16777215): +5G

Value out of range.

Last sector, +sectors or +size{K,M,G} (14680064-16777215, default 16777215): n

Last sector, +sectors or +size{K,M,G} (14680064-16777215, default 16777215): q

Last sector, +sectors or +size{K,M,G} (14680064-16777215, default 16777215): ^C

[root@ip-172-31-10-202 ~]# fdisk /dev/xvdf

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 0x1001d2ba.

Command (m for help): n

Partition type:

p primary (0 primary, 0 extended, 4 free)

e extended

Select (default p): e

Partition number (1-4, default 1): 1

First sector (2048-16777215, default 2048): /dev/xvdf1

First sector (2048-16777215, default 2048): n

First sector (2048-16777215, default 2048): q

First sector (2048-16777215, default 2048):

Using default value 2048

Last sector, +sectors or +size{K,M,G} (2048-16777215, default 16777215): ^C

[root@ip-172-31-10-202 ~]# fdisk -l

WARNING: fdisk GPT support is currently new, and therefore in an experimental phase. Use at your own discretion.

Disk /dev/xvda: 8589 MB, 8589934592 bytes, 16777216 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: gpt

# Start End Size Type Name

1 4096 16777182 8G Linux filesyste Linux

128 2048 4095 1M BIOS boot parti BIOS Boot Partition

Disk /dev/xvdf: 8589 MB, 8589934592 bytes, 16777216 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-172-31-10-202 ~]# fdisk /dev/xvdf

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 0x82bdad68.

Command (m for help): n

Partition type:

p primary (0 primary, 0 extended, 4 free)

e extended

Select (default p): e

Partition number (1-4, default 1): 2

First sector (2048-16777215, default 2048): w

First sector (2048-16777215, default 2048): q

First sector (2048-16777215, default 2048):

Using default value 2048

Last sector, +sectors or +size{K,M,G} (2048-16777215, default 16777215):

Using default value 16777215

Partition 2 of type Extended and of size 8 GiB is set

Command (m for help): w

The partition table has been altered!

Calling ioctl() to re-read partition table.

Syncing disks.

[root@ip-172-31-10-202 ~]# fdisk -l

WARNING: fdisk GPT support is currently new, and therefore in an experimental phase. Use at your own discretion.

Disk /dev/xvda: 8589 MB, 8589934592 bytes, 16777216 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: gpt

# Start End Size Type Name

1 4096 16777182 8G Linux filesyste Linux

128 2048 4095 1M BIOS boot parti BIOS Boot Partition

Disk /dev/xvdf: 8589 MB, 8589934592 bytes, 16777216 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: 0x82bdad68

Device Boot Start End Blocks Id System

/dev/xvdf2 2048 16777215 8387584 5 Extended

[root@ip-172-31-10-202 ~]# fdisk /dev/xvdf2

You must set cylinders.

You can do this from the extra functions menu.

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): n

You must set cylinders.

You can do this from the extra functions menu.

Command (m for help): n

You must set cylinders.

You can do this from the extra functions menu.

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)

Command (m for help): p

Disk /dev/xvdf2: 0 MB, 1024 bytes, 2 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: 0x00000000

Device Boot Start End Blocks Id System

Command (m for help): ^C

[root@ip-172-31-10-202 ~]# fdisk -l

WARNING: fdisk GPT support is currently new, and therefore in an experimental phase. Use at your own discretion.

Disk /dev/xvda: 8589 MB, 8589934592 bytes, 16777216 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: gpt

# Start End Size Type Name

1 4096 16777182 8G Linux filesyste Linux

128 2048 4095 1M BIOS boot parti BIOS Boot Partition

Disk /dev/xvdf: 8589 MB, 8589934592 bytes, 16777216 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: 0x82bdad68

Device Boot Start End Blocks Id System

/dev/xvdf2 2048 16777215 8387584 5 Extended

[root@ip-172-31-10-202 ~]# fdisk /dev/xvdf2

You must set cylinders.

You can do this from the extra functions menu.

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): ^C

[root@ip-172-31-10-202 ~]# fdisk -l

WARNING: fdisk GPT support is currently new, and therefore in an experimental phase. Use at your own discretion.

Disk /dev/xvda: 8589 MB, 8589934592 bytes, 16777216 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: gpt

# Start End Size Type Name

1 4096 16777182 8G Linux filesyste Linux

128 2048 4095 1M BIOS boot parti BIOS Boot Partition

Disk /dev/xvdf: 8589 MB, 8589934592 bytes, 16777216 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: 0x82bdad68

Device Boot Start End Blocks Id System

/dev/xvdf2 2048 16777215 8387584 5 Extended

[root@ip-172-31-10-202 ~]# partprobe /dev/xvdf2

Warning: WARNING: the kernel failed to re-read the partition table on /dev/xvdf2 (Invalid argument). As a result, it may not reflect all of your changes until after reboot.

[root@ip-172-31-10-202 ~]# partprobe /dev/xvdf

[root@ip-172-31-10-202 ~]# fdisk -l

WARNING: fdisk GPT support is currently new, and therefore in an experimental phase. Use at your own discretion.

Disk /dev/xvda: 8589 MB, 8589934592 bytes, 16777216 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: gpt

# Start End Size Type Name

1 4096 16777182 8G Linux filesyste Linux

128 2048 4095 1M BIOS boot parti BIOS Boot Partition

Disk /dev/xvdf: 8589 MB, 8589934592 bytes, 16777216 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: 0x82bdad68

Device Boot Start End Blocks Id System

/dev/xvdf2 2048 16777215 8387584 5 Extended

[root@ip-172-31-10-202 ~]# mkfs -t /dev/xvdf2

Usage:

mkfs [options] [-t <type>] [fs-options] <device> [<size>]

Options:

-t, --type=<type> filesystem type; when unspecified, ext2 is used

fs-options parameters for the real filesystem builder

<device> path to the device to be used

<size> number of blocks to be used on the device

-V, --verbose explain what is being done;

specifying -V more than once will cause a dry-run

-V, --version display version information and exit;

-V as --version must be the only option

-h, --help display this help text and exit

For more information see mkfs(8).

[root@ip-172-31-10-202 ~]# mkfs -t ext4 /dev/xvdf2

mke2fs 1.42.12 (29-Aug-2014)

Found a dos partition table in /dev/xvdf2

Proceed anyway? (y,n) y

mkfs.ext4: inode\_size (128) \* inodes\_count (0) too big for a

filesystem with 0 blocks, specify higher inode\_ratio (-i)

or lower inode count (-N).

[root@ip-172-31-10-202 ~]# mkdir /test/

[root@ip-172-31-10-202 ~]# ls

[root@ip-172-31-10-202 ~]# mount /dev/xvdf2

mount: can't find /dev/xvdf2 in /etc/fstab

[root@ip-172-31-10-202 ~]# ls

[root@ip-172-31-10-202 ~]# mount /dev/xvdf2/test

mount: can't find /dev/xvdf2/test in /etc/fstab

[root@ip-172-31-10-202 ~]# ls

[root@ip-172-31-10-202 ~]# mount /dev/xvdf2

mount: can't find /dev/xvdf2 in /etc/fstab

[root@ip-172-31-10-202 ~]# df -h

Filesystem Size Used Avail Use% Mounted on

devtmpfs 489M 64K 488M 1% /dev

tmpfs 497M 0 497M 0% /dev/shm

/dev/xvda1 7.8G 976M 6.7G 13% /

[root@ip-172-31-10-202 ~]# mkdir test

[root@ip-172-31-10-202 ~]# ls

test

[root@ip-172-31-10-202 ~]# umount /dev/xvdf2/test

umount: /dev/xvdf2/test: Not a directory

[root@ip-172-31-10-202 ~]# umount /dev/xvdf2/

umount: /dev/xvdf2/: not mounted

[root@ip-172-31-10-202 ~]# ls

test

[root@ip-172-31-10-202 ~]# umount test

umount: test: not mounted

[root@ip-172-31-10-202 ~]# ls

test

[root@ip-172-31-10-202 ~]# cd test/

[root@ip-172-31-10-202 test]# touch a as assa s

[root@ip-172-31-10-202 test]# ls

a as assa s

[root@ip-172-31-10-202 test]# mount /dev/xvdf2/test

mount: can't find /dev/xvdf2/test in /etc/fstab

[root@ip-172-31-10-202 test]# ls

a as assa s

[root@ip-172-31-10-202 test]# df -h

Filesystem Size Used Avail Use% Mounted on

devtmpfs 489M 64K 488M 1% /dev

tmpfs 497M 0 497M 0% /dev/shm

/dev/xvda1 7.8G 976M 6.7G 13% /

[root@ip-172-31-10-202 test]# cd ..

[root@ip-172-31-10-202 ~]# df -h

Filesystem Size Used Avail Use% Mounted on

devtmpfs 489M 64K 488M 1% /dev

tmpfs 497M 0 497M 0% /dev/shm

/dev/xvda1 7.8G 976M 6.7G 13% /

[root@ip-172-31-10-202 ~]# umount test

umount: test: not mounted

[root@ip-172-31-10-202 ~]# umount /dev/xvdf2/test

umount: /dev/xvdf2/test: Not a directory

[root@ip-172-31-10-202 ~]# exit

logout

[ec2-user@ip-172-31-10-202 ~]$ sudo -i

[root@ip-172-31-10-202 ~]# ls

test

[root@ip-172-31-10-202 ~]# rm -r test

rm: descend into directory ‘test’? y

rm: remove regular empty file ‘test/assa’?

rm: remove regular empty file ‘test/as’?

rm: remove regular empty file ‘test/a’?

rm: remove regular empty file ‘test/s’?

rm: remove directory ‘test’?

[root@ip-172-31-10-202 ~]# rm -rf test

[root@ip-172-31-10-202 ~]# clear

[root@ip-172-31-10-202 ~]# fdisk -l

WARNING: fdisk GPT support is currently new, and therefore in an experimental phase. Use at your own discretion.

Disk /dev/xvda: 8589 MB, 8589934592 bytes, 16777216 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: gpt

# Start End Size Type Name

1 4096 16777182 8G Linux filesyste Linux

128 2048 4095 1M BIOS boot parti BIOS Boot Partition

Disk /dev/xvdf: 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

[root@ip-172-31-10-202 ~]# fdisk /dev/xvdf

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 0xe3e34f1d.

Command (m for help): ^C

[root@ip-172-31-10-202 ~]# fdisk -l

WARNING: fdisk GPT support is currently new, and therefore in an experimental phase. Use at your own discretion.

Disk /dev/xvda: 8589 MB, 8589934592 bytes, 16777216 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: gpt

# Start End Size Type Name

1 4096 16777182 8G Linux filesyste Linux

128 2048 4095 1M BIOS boot parti BIOS Boot Partition

Disk /dev/xvdf: 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

[root@ip-172-31-10-202 ~]#

[root@ip-172-31-10-202 ~]# Disk /dev/xvda: 8589 MB, 8589934592 bytes, 16777216 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: gpt

# Start End Size Type Name

1 4096 16777182 8G Linux filesyste Linux

128 2048 4095 1M BIOS boot parti BIOS Boot Partition

Disk /dev/xvdf: 8589 MB, 8589934592 bytes, 16777216 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-172-31-10-202 ~]# n

-bash: n: command not found

[root@ip-172-31-10-202 ~]# fdisk /dev/xvdf

Welcome to fdisk (util-linux 2.23.2).

-bash: Disk: command not found

[root@ip-172-31-10-202 ~]# Units = sectors of 1 \* 512 = 512 bytes

-bash: Units: command not found

[root@ip-172-31-10-202 ~]# Sector size (logical/physical): 512 bytes / 512 bytes

-bash: syntax error near unexpected token `('

[root@ip-172-31-10-202 ~]# I/O size (minimum/optimal): 512 bytes / 512 bytes

-bash: syntax error near unexpected token `('

[root@ip-172-31-10-202 ~]# Disk label type: gpt

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 0xb8995056.

Command (m for help): n

Partition type:

p primary (0 primary, 0 extended, 4 free)

e extended

Select (default p): e

Partition number (1-4, default 1): 1

First sector (2048-16777215, default 2048): +7G

Last sector, +sectors or +size{K,M,G} (14680064-16777215, default 16777215): +5G

Value out of range.

Last sector, +sectors or +size{K,M,G} (14680064-16777215, default 16777215): n

Last sector, +sectors or +size{K,M,G} (14680064-16777215, default 16777215): q

Last sector, +sectors or +size{K,M,G} (14680064-16777215, default 16777215): ^C

[root@ip-172-31-10-202 ~]# fdisk /dev/xvdf

Welcome to fdisk (util-linux 2.23.2).

-bash: Disk: command not found

[root@ip-172-31-10-202 ~]#

[root@ip-172-31-10-202 ~]#

[root@ip-172-31-10-202 ~]# # Start End Size Type Name

[root@ip-172-31-10-202 ~]# 1 4096 16777182 8G Linux filesyste Linux

-bash: 1: command not found

[root@ip-172-31-10-202 ~]# 128 2048 4095 1M BIOS boot parti BIOS Boot Partition

-bash: 128: command not found

[root@ip-172-31-10-202 ~]#

[root@ip-172-31-10-202 ~]# Disk /dev/xvdf: 8589 MB, 8589934592 bytes, 16777216 sectors

-bash: Disk: command not found

[root@ip-172-31-10-202 ~]# Units = sectors of 1 \* 512 = 512 bytes

-bash: Units: command not found

[root@ip-172-31-10-202 ~]# Sector size (logical/physical): 512 bytes / 512 bytes

-bash: syntax error near unexpected token `('

[root@ip-172-31-10-202 ~]# I/O size (minimum/optimal): 512 bytes / 512 bytes

-bash: syntax error near unexpected token `('

[root@ip-172-31-10-202 ~]#

[root@ip-172-31-10-202 ~]# [root@ip-172-31-10-202 ~]# n

-bash: [root@ip-172-31-10-202: command not found

[root@ip-172-31-10-202 ~]# -bash: n: command not found

-bash: -bash:: command not found

[root@ip-172-31-10-202 ~]# [root@ip-172-31-10-202 ~]# fdisk /dev/xvdf

-bash: [root@ip-172-31-10-202: command not found

[root@ip-172-31-10-202 ~]# Welcome to fdisk (util-linux 2.23.2).

-bash: syntax error near unexpected token `('

[root@ip-172-31-10-202 ~]#

[root@ip-172-31-10-202 ~]# Changes will remain in memory only, until you decide to write them.

-bash: Changes: command not found

[root@ip-172-31-10-202 ~]# Be careful before using the write command.

-bash: Be: command not found

[root@ip-172-31-10-202 ~]#

[root@ip-172-31-10-202 ~]# Device does not contain a recognized partition table

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 0x1001d2ba.

Command (m for help): n

-bash: Device: command not found

[root@ip-172-31-10-202 ~]# Building a new DOS disklabel with disk identifier 0xb8995056.

-bash: Building: command not found

[root@ip-172-31-10-202 ~]#

[root@ip-172-31-10-202 ~]# Command (m for help): n

-bash: syntax error near unexpected token `m'

[root@ip-172-31-10-202 ~]# Partition type:

-bash: Partition: command not found

[root@ip-172-31-10-202 ~]# p primary (0 primary, 0 extended, 4 free)

-bash: syntax error near unexpected token `('

[root@ip-172-31-10-202 ~]# e extended

-bash: e: command not found

[root@ip-172-31-10-202 ~]# Select (default p): e

-bash: syntax error near unexpected token `default'

[root@ip-172-31-10-202 ~]# Partition number (1-4, default 1): 1

-bash: syntax error near unexpected token `('

[root@ip-172-31-10-202 ~]# First sector (2048-16777215, default 2048): +7G

-bash: syntax error near unexpected token `('

[root@ip-172-31-10-202 ~]# Last sector, +sectors or +size{K,M,G} (14680064-16777215, default 16777215): +5G

-bash: syntax error near unexpected token `('

[root@ip-172-31-10-202 ~]# Value out of range.

-bash: Value: command not found

[root@ip-172-31-10-202 ~]# Last sector, +sectors or +size{K,M,G} (14680064-16777215, default 16777215): n

-bash: syntax error near unexpected token `('

[root@ip-172-31-10-202 ~]# Last sector, +sectors or +size{K,M,G} (14680064-16777215, default 16777215): q

-bash: syntax error near unexpected token `('

[root@ip-172-31-10-202 ~]# Last sector, +sectors or +size{K,M,G} (14680064-16777215, default 16777215): ^C

-bash: syntax error near unexpected token `('

[root@ip-172-31-10-202 ~]# [root@ip-172-31-10-202 ~]# fdisk /dev/xvdf

-bash: [root@ip-172-31-10-202: command not found

[root@ip-172-31-10-202 ~]# Welcome to fdisk (util-linux 2.23.2).

-bash: syntax error near unexpected token `('

[root@ip-172-31-10-202 ~]#

[root@ip-172-31-10-202 ~]# Changes will remain in memory only, until you decide to write them.

-bash: Changes: command not found

[root@ip-172-31-10-202 ~]# Be careful before using the write command.

p primary (0 primary, 0 extended, 4 free)

e extended

Select (default p): e

Partition number (1-4, default 1): 2

First sector (2048-16777215, default 2048): w

First sector (2048-16777215, default 2048): q

First sector (2048-16777215, default 2048):

Using default value 2048

Last sector, +sectors or +size{K,M,G} (2048-16777215, default 16777215):

Using default value 16777215

-bash: Be: command not found

[root@ip-172-31-10-202 ~]#

[root@ip-172-31-10-202 ~]# Device does not contain a recognized partition table

-bash: Device: command not found

[root@ip-172-31-10-202 ~]# Building a new DOS disklabel with disk identifier 0x1001d2ba.

-bash: Building: command not found

[root@ip-172-31-10-202 ~]#

[root@ip-172-31-10-202 ~]# Command (m for help): n

-bash: syntax error near unexpected token `m'

[root@ip-172-31-10-202 ~]# Partition type:

-bash: Partition: command not found

[root@ip-172-31-10-202 ~]# p primary (0 primary, 0 extended, 4 free)

-bash: syntax error near unexpected token `('

[root@ip-172-31-10-202 ~]# e extended

-bash: e: command not found

[root@ip-172-31-10-202 ~]# Select (default p): e

-bash: syntax error near unexpected token `default'

[root@ip-172-31-10-202 ~]# Partition number (1-4, default 1): 1

-bash: syntax error near unexpected token `('

[root@ip-172-31-10-202 ~]# First sector (2048-16777215, default 2048): /dev/xvdf1

-bash: syntax error near unexpected token `('

[root@ip-172-31-10-202 ~]# First sector (2048-16777215, default 2048): n

-bash: syntax error near unexpected token `('

[root@ip-172-31-10-202 ~]# First sector (2048-16777215, default 2048): q

-bash: syntax error near unexpected token `('

[root@ip-172-31-10-202 ~]# First sector (2048-16777215, default 2048):

-bash: syntax error near unexpected token `('

[root@ip-172-31-10-202 ~]# Using default value 2048

-bash: Using: command not found

[root@ip-172-31-10-202 ~]# Last sector, +sectors or +size{K,M,G} (2048-16777215, default 16777215): ^C

-bash: syntax error near unexpected token `('

[root@ip-172-31-10-202 ~]# [root@ip-172-31-10-202 ~]# fdisk -l

-bash: [root@ip-172-31-10-202: command not found

[root@ip-172-31-10-202 ~]# WARNING: fdisk GPT support is currently new, and therefore in an experimental phase. Use at your own discretion.

# Start End Size Type Name

1 4096 16777182 8G Linux filesyste Linux

128 2048 4095 1M BIOS boot parti BIOS Boot Partition

Disk /dev/xvdf: 8589 MB, 8589934592 bytes, 16777216 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: 0x82bdad68

Device Boot Start End Blocks Id System

/dev/xvdf2 2048 16777215 8387584 5 Extended

[root@ip-172-31-10-202 ~]# fdisk /dev/xvdf2

You must set cylinders.

You can do this from the extra functions menu.

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): n

You must set cylinders.

You can do this from the extra functions menu.

-bash: WARNING:: command not found

[root@ip-172-31-10-202 ~]#

[root@ip-172-31-10-202 ~]# Disk /dev/xvda: 8589 MB, 8589934592 bytes, 16777216 sectors

-bash: Disk: command not found

[root@ip-172-31-10-202 ~]# Units = sectors of 1 \* 512 = 512 bytes

-bash: Units: command not found

[root@ip-172-31-10-202 ~]# Sector size (logical/physical): 512 bytes / 512 bytes

-bash: syntax error near unexpected token `('

[root@ip-172-31-10-202 ~]# I/O size (minimum/optimal): 512 bytes / 512 bytes

-bash: syntax error near unexpected token `('

[root@ip-172-31-10-202 ~]# Disk label type: gpt

-bash: Disk: command not found

[root@ip-172-31-10-202 ~]#

[root@ip-172-31-10-202 ~]#

[root@ip-172-31-10-202 ~]# # Start End Size Type Name

[root@ip-172-31-10-202 ~]# 1 4096 16777182 8G Linux filesyste Linux

-bash: 1: command not found

[root@ip-172-31-10-202 ~]# 128 2048 4095 1M BIOS boot parti BIOS Boot Partition

-bash: 128: command not found

[root@ip-172-31-10-202 ~]#

[root@ip-172-31-10-202 ~]# Disk /dev/xvdf: 8589 MB, 8589934592 bytes, 16777216 sectors

-bash: Disk: command not found

[root@ip-172-31-10-202 ~]# Units = sectors of 1 \* 512 = 512 bytes

-bash: Units: command not found

[root@ip-172-31-10-202 ~]# Sector size (logical/physical): 512 bytes / 512 bytes

-bash: syntax error near unexpected token `('

[root@ip-172-31-10-202 ~]# I/O size (minimum/optimal): 512 bytes / 512 bytes

-bash: syntax error near unexpected token `('

[root@ip-172-31-10-202 ~]#

[root@ip-172-31-10-202 ~]# [root@ip-172-31-10-202 ~]# fdisk /dev/xvdf

-bash: [root@ip-172-31-10-202: command not found

[root@ip-172-31-10-202 ~]# Welcome to fdisk (util-linux 2.23.2).

-bash: syntax error near unexpected token `('

[root@ip-172-31-10-202 ~]#

[root@ip-172-31-10-202 ~]# Changes will remain in memory only, until you decide to write them.

-bash: Changes: command not found

[root@ip-172-31-10-202 ~]# Be careful before using the write command.

-bash: Be: command not found

[root@ip-172-31-10-202 ~]#

[root@ip-172-31-10-202 ~]# Device does not contain a recognized partition table

-bash: Device: command not found

[root@ip-172-31-10-202 ~]# Building a new DOS disklabel with disk identifier 0x82bdad68.

-bash: Building: command not found

[root@ip-172-31-10-202 ~]#

[root@ip-172-31-10-202 ~]# Command (m for help): n

-bash: syntax error near unexpected token `m'

[root@ip-172-31-10-202 ~]# Partition type:

-bash: Partition: command not found

[root@ip-172-31-10-202 ~]# p primary (0 primary, 0 extended, 4 free)

-bash: syntax error near unexpected token `('

[root@ip-172-31-10-202 ~]# e extended

-bash: e: command not found

[root@ip-172-31-10-202 ~]# Select (default p): e

-bash: syntax error near unexpected token `default'

[root@ip-172-31-10-202 ~]# Partition number (1-4, default 1): 2

-bash: syntax error near unexpected token `('

[root@ip-172-31-10-202 ~]# First sector (2048-16777215, default 2048): w

-bash: syntax error near unexpected token `('

[root@ip-172-31-10-202 ~]# First sector (2048-16777215, default 2048): q

-bash: syntax error near unexpected token `('

[root@ip-172-31-10-202 ~]# First sector (2048-16777215, default 2048):

-bash: syntax error near unexpected token `('

[root@ip-172-31-10-202 ~]# Using default value 2048

-bash: Using: command not found

[root@ip-172-31-10-202 ~]# Last sector, +sectors or +size{K,M,G} (2048-16777215, default 16777215):

-bash: syntax error near unexpected token `('

[root@ip-172-31-10-202 ~]# Using default value 16777215

-bash: Using: command not found

[root@ip-172-31-10-202 ~]# Partition 2 of type Extended and of size 8 GiB is set

-bash: Partition: command not found

[root@ip-172-31-10-202 ~]#

[root@ip-172-31-10-202 ~]# Command (m for help): w

-bash: syntax error near unexpected token `m'

[root@ip-172-31-10-202 ~]# The partition table has been altered!

-bash: The: command not found

[root@ip-172-31-10-202 ~]#

[root@ip-172-31-10-202 ~]# Calling ioctl() to re-read partition table.

-bash: syntax error near unexpected token `('

[root@ip-172-31-10-202 ~]# Syncing disks.

-bash: Syncing: command not found

[root@ip-172-31-10-202 ~]# [root@ip-172-31-10-202 ~]# fdisk -l

-bash: [root@ip-172-31-10-202: command not found

[root@ip-172-31-10-202 ~]# WARNING: fdisk GPT support is currently new, and therefore in an experimental phase. Use at your own discretion.

-bash: WARNING:: command not found

[root@ip-172-31-10-202 ~]#

[root@ip-172-31-10-202 ~]# Disk /dev/xvda: 8589 MB, 8589934592 bytes, 16777216 sectors

-bash: Disk: command not found

[root@ip-172-31-10-202 ~]# Units = sectors of 1 \* 512 = 512 bytes

-bash: Units: command not found

Command (m for help): n

You must set cylinders.

You can do this from the extra functions menu.

Command (m for help): m

Command action

a toggle a bootable flag

b edit bsd disklabel

[root@ip-172-31-10-202 ~]# Sector size (logical/physical): 512 bytes / 512 bytes

-bash: syntax error near unexpected token `('

[root@ip-172-31-10-202 ~]# I/O size (minimum/optimal): 512 bytes / 512 bytes

-bash: syntax error near unexpected token `('

[root@ip-172-31-10-202 ~]# Disk label type: gpt

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)

Command (m for help): p

Disk /dev/xvdf2: 0 MB, 1024 bytes, 2 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: 0x00000000

Device Boot Start End Blocks Id System

Command (m for help): ^C

[root@ip-172-31-10-202 ~]# fdisk -l

WARNING: fdisk GPT support is currently new, and therefore in an experimental phase. Use at your own discretion.

Disk /dev/xvda: 8589 MB, 8589934592 bytes, 16777216 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: gpt

# Start End Size Type Name

1 4096 16777182 8G Linux filesyste Linux

128 2048 4095 1M BIOS boot parti BIOS Boot Partition

Disk /dev/xvdf: 8589 MB, 8589934592 bytes, 16777216 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: 0x82bdad68

-bash: Disk: command not found

[root@ip-172-31-10-202 ~]#

[root@ip-172-31-10-202 ~]#

[root@ip-172-31-10-202 ~]# # Start End Size Type Name

[root@ip-172-31-10-202 ~]# 1 4096 16777182 8G Linux filesyste Linux

-bash: 1: command not found

[root@ip-172-31-10-202 ~]# 128 2048 4095 1M BIOS boot parti BIOS Boot Partition

-bash: 128: command not found

[root@ip-172-31-10-202 ~]#

[root@ip-172-31-10-202 ~]# Disk /dev/xvdf: 8589 MB, 8589934592 bytes, 16777216 sectors

-bash: Disk: command not found

[root@ip-172-31-10-202 ~]# Units = sectors of 1 \* 512 = 512 bytes

-bash: Units: command not found

[root@ip-172-31-10-202 ~]# Sector size (logical/physical): 512 bytes / 512 bytes

-bash: syntax error near unexpected token `('

[root@ip-172-31-10-202 ~]# I/O size (minimum/optimal): 512 bytes / 512 bytes

-bash: syntax error near unexpected token `('

[root@ip-172-31-10-202 ~]# Disk label type: dos

-bash: Disk: command not found

[root@ip-172-31-10-202 ~]# Disk identifier: 0x82bdad68

-bash: Disk: command not found

[root@ip-172-31-10-202 ~]#

[root@ip-172-31-10-202 ~]# Device Boot Start End Blocks Id System

-bash: Device: command not found

[root@ip-172-31-10-202 ~]# /dev/xvdf2 2048 16777215 8387584 5 Extended

-bash: /dev/xvdf2: No such file or directory

[root@ip-172-31-10-202 ~]# [root@ip-172-31-10-202 ~]# fdisk /dev/xvdf2

-bash: [root@ip-172-31-10-202: command not found

[root@ip-172-31-10-202 ~]# You must set cylinders.

-bash: You: command not found

[root@ip-172-31-10-202 ~]# You can do this from the extra functions menu.

-bash: You: command not found

[root@ip-172-31-10-202 ~]# Welcome to fdisk (util-linux 2.23.2).

-bash: syntax error near unexpected token `('

[root@ip-172-31-10-202 ~]#

[root@ip-172-31-10-202 ~]# Changes will remain in memory only, until you decide to write them.

Disk /dev/xvda: 8589 MB, 8589934592 bytes, 16777216 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: gpt

# Start End Size Type Name

1 4096 16777182 8G Linux filesyste Linux

128 2048 4095 1M BIOS boot parti BIOS Boot Partition

Disk /dev/xvdf: 8589 MB, 8589934592 bytes, 16777216 sectors

-bash: Changes: command not found

[root@ip-172-31-10-202 ~]# Be careful before using the write command.

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: 0x82bdad68

Device Boot Start End Blocks Id System

/dev/xvdf2 2048 16777215 8387584 5 Extended

[root@ip-172-31-10-202 ~]# partprobe /dev/xvdf2

Warning: WARNING: the kernel failed to re-read the partition table on /dev/xvdf2 (Invalid argument). As a result, it may not reflect all of your changes until after reboot.

[root@ip-172-31-10-202 ~]# partprobe /dev/xvdf

[root@ip-172-31-10-202 ~]# fdisk -l

WARNING: fdisk GPT support is currently new, and therefore in an experimental phase. Use at your own discretion.

Disk /dev/xvda: 8589 MB, 8589934592 bytes, 16777216 sectors

-bash: Be: command not found

[root@ip-172-31-10-202 ~]#

[root@ip-172-31-10-202 ~]#

[root@ip-172-31-10-202 ~]# Command (m for help): n

-bash: syntax error near unexpected token `m'

[root@ip-172-31-10-202 ~]# You must set cylinders.

-bash: You: command not found

[root@ip-172-31-10-202 ~]# You can do this from the extra functions menu.

-bash: You: command not found

[root@ip-172-31-10-202 ~]#

[root@ip-172-31-10-202 ~]# Command (m for help): n

-bash: syntax error near unexpected token `m'

[root@ip-172-31-10-202 ~]# You must set cylinders.

-bash: You: command not found

[root@ip-172-31-10-202 ~]# You can do this from the extra functions menu.

-bash: You: command not found

[root@ip-172-31-10-202 ~]#

[root@ip-172-31-10-202 ~]# Command (m for help): m

-bash: syntax error near unexpected token `m'

[root@ip-172-31-10-202 ~]# Command action

-bash: Command: command not found

[root@ip-172-31-10-202 ~]# a toggle a bootable flag

-bash: a: command not found

[root@ip-172-31-10-202 ~]# b edit bsd disklabel

-bash: b: command not found

[root@ip-172-31-10-202 ~]# c toggle the dos compatibility flag

-bash: c: command not found

[root@ip-172-31-10-202 ~]# d delete a partition

-bash: d: command not found

[root@ip-172-31-10-202 ~]# g create a new empty GPT partition table

-bash: g: command not found

[root@ip-172-31-10-202 ~]# G create an IRIX (SGI) partition table

-bash: syntax error near unexpected token `('

[root@ip-172-31-10-202 ~]# l list known partition types

-bash: l: command not found

[root@ip-172-31-10-202 ~]# m print this menu

-bash: m: command not found

[root@ip-172-31-10-202 ~]# n add a new partition

-bash: n: command not found

[root@ip-172-31-10-202 ~]# o create a new empty DOS partition table

-bash: o: command not found

[root@ip-172-31-10-202 ~]# p print the partition table

-bash: p: command not found

[root@ip-172-31-10-202 ~]# q quit without saving changes

-bash: q: command not found

[root@ip-172-31-10-202 ~]# s create a new empty Sun disklabel

-bash: s: command not found

[root@ip-172-31-10-202 ~]# 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)

>

> Command (m for help): p

>

> Disk /dev/xvdf2: 0 MB, 1024 bytes, 2 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: 0x00000000

>

> Device Boot Start End Blocks Id System

>

> Command (m for help): ^C

> [root@ip-172-31-10-202 ~]# fdisk -l

> WARNING: fdisk GPT support is currently new, and therefore in an experimental phase. Use at your own discretion.

>

> Disk /dev/xvda: 8589 MB, 8589934592 bytes, 16777216 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: gpt

>

>

> # Start End Size Type Name

> 1 4096 16777182 8G Linux filesyste Linux

> 128 2048 4095 1M BIOS boot parti BIOS Boot Partition

>

> Disk /dev/xvdf: 8589 MB, 8589934592 bytes, 16777216 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: 0x82bdad68

>

> Device Boot Start End Blocks Id System

> /dev/xvdf2 2048 16777215 8387584 5 Extended

> [root@ip-172-31-10-202 ~]# fdisk /dev/xvdf2

> You must set cylinders.

> You can do this from the extra functions menu.

> 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): ^C

> [root@ip-172-31-10-202 ~]# fdisk -l

> WARNING: fdisk GPT support is currently new, and therefore in an experimental phase. Use at your own discretion.

>

> Disk /dev/xvda: 8589 MB, 8589934592 bytes, 16777216 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: gpt

>

>

> # Start End Size Type Name

> 1 4096 16777182 8G Linux filesyste Linux

> 128 2048 4095 1M BIOS boot parti BIOS Boot Partition

>

> Disk /dev/xvdf: 8589 MB, 8589934592 bytes, 16777216 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: 0x82bdad68

>

> Device Boot Start End Blocks Id System

> /dev/xvdf2 2048 16777215 8387584 5 Extended

> [root@ip-172-31-10-202 ~]# partprobe /dev/xvdf2

> Warning: WARNING: the kernel failed to re-read the partition table on /dev/xvdf2 (Invalid argument). As a result, it may not reflect all of your changes until after reboot.

> [root@ip-172-31-10-202 ~]# partprobe /dev/xvdf

> [root@ip-172-31-10-202 ~]# fdisk -l

> WARNING: fdisk GPT support is currently new, and therefore in an experimental phase. Use at your own discretion.

>

> Disk /dev/xvda: 8589 MB, 8589934592 bytes, 16777216 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: gpt

>

>

> # Start End Size Type Name

> 1 4096 16777182 8G Linux filesyste Linux

> 128 2048 4095 1M BIOS boot parti BIOS Boot Partition

>

> Disk /dev/xvdf: 8589 MB, 8589934592 bytes, 16777216 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: 0x82bdad68

>

> Device Boot Start End Blocks Id System

> /dev/xvdf2 2048 16777215 8387584 5 Extended

> [root@ip-172-31-10-202 ~]# mkfs -t /dev/xvdf2

> Usage:

> mkfs [options] [-t <type>] [fs-options] <device> [<size>]

>

> Options:

> -t, --type=<type> filesystem type; when unspecified, ext2 is used

> fs-options parameters for the real filesystem builder

> <device> path to the device to be used

> <size> number of blocks to be used on the device

> -V, --verbose explain what is being done;

> specifying -V more than once will cause a dry-run

> -V, --version display version information and exit;

> -V as --version must be the only option

> -h, --help display this help text and exit

>

> For more information see mkfs(8).

> [root@ip-172-31-10-202 ~]# mkfs -t ext4 /dev/xvdf2

> mke2fs 1.42.12 (29-Aug-2014)

> Found a dos partition table in /dev/xvdf2

> Proceed anyway? (y,n) y

> mkfs.ext4: inode\_size (128) \* inodes\_count (0) too big for a

> filesystem with 0 blocks, specify higher inode\_ratio (-i)

> or lower inode count (-N).

>

> [root@ip-172-31-10-202 ~]# mkdir /test/

> [root@ip-172-31-10-202 ~]# ls

> [root@ip-172-31-10-202 ~]# mount /dev/xvdf2

> mount: can't find /dev/xvdf2 in /etc/fstab

-bash: t: command not found

[root@ip-172-31-10-202 ~]# [root@ip-172-31-10-202 ~]# ls

-bash: [root@ip-172-31-10-202: command not found

[root@ip-172-31-10-202 ~]# [root@ip-172-31-10-202 ~]# mount /dev/xvdf2/test

-bash: [root@ip-172-31-10-202: command not found

[root@ip-172-31-10-202 ~]# mount: can't find /dev/xvdf2/test in /etc/fstab

> [root@ip-172-31-10-202 ~]# ls

> [root@ip-172-31-10-202 ~]# mount /dev/xvdf2

> mount: can't find /dev/xvdf2 in /etc/fstab

-bash: mount:: command not found

[root@ip-172-31-10-202 ~]# [root@ip-172-31-10-202 ~]# df -h

-bash: [root@ip-172-31-10-202: command not found

[root@ip-172-31-10-202 ~]# Filesystem Size Used Avail Use% Mounted on

-bash: Filesystem: command not found

[root@ip-172-31-10-202 ~]# devtmpfs 489M 64K 488M 1% /dev

-bash: devtmpfs: command not found

[root@ip-172-31-10-202 ~]# tmpfs 497M 0 497M 0% /dev/shm

-bash: tmpfs: command not found

[root@ip-172-31-10-202 ~]# /dev/xvda1 7.8G 976M 6.7G 13% /

-bash: /dev/xvda1: Permission denied

[root@ip-172-31-10-202 ~]# [root@ip-172-31-10-202 ~]# mkdir test

-bash: [root@ip-172-31-10-202: command not found

[root@ip-172-31-10-202 ~]# [root@ip-172-31-10-202 ~]# ls

-bash: [root@ip-172-31-10-202: command not found

[root@ip-172-31-10-202 ~]# test

[root@ip-172-31-10-202 ~]# [root@ip-172-31-10-202 ~]# umount /dev/xvdf2/test

-bash: [root@ip-172-31-10-202: command not found

[root@ip-172-31-10-202 ~]# umount: /dev/xvdf2/test: Not a directory

-bash: umount:: command not found

[root@ip-172-31-10-202 ~]# [root@ip-172-31-10-202 ~]# umount /dev/xvdf2/

-bash: [root@ip-172-31-10-202: command not found

[root@ip-172-31-10-202 ~]# umount: /dev/xvdf2/: not mounted

-bash: umount:: command not found

[root@ip-172-31-10-202 ~]# [root@ip-172-31-10-202 ~]# ls

-bash: [root@ip-172-31-10-202: command not found

[root@ip-172-31-10-202 ~]# test

[root@ip-172-31-10-202 ~]# [root@ip-172-31-10-202 ~]# umount test

-bash: [root@ip-172-31-10-202: command not found

[root@ip-172-31-10-202 ~]# umount: test: not mounted

-bash: umount:: command not found

[root@ip-172-31-10-202 ~]# [root@ip-172-31-10-202 ~]# ls

-bash: [root@ip-172-31-10-202: command not found

[root@ip-172-31-10-202 ~]# test

[root@ip-172-31-10-202 ~]# [root@ip-172-31-10-202 ~]# cd test/

-bash: [root@ip-172-31-10-202: command not found

[root@ip-172-31-10-202 ~]# [root@ip-172-31-10-202 test]# touch a as assa s

-bash: [root@ip-172-31-10-202: command not found

[root@ip-172-31-10-202 ~]# [root@ip-172-31-10-202 test]# ls

-bash: [root@ip-172-31-10-202: command not found

[root@ip-172-31-10-202 ~]# a as assa s

-bash: a: command not found

[root@ip-172-31-10-202 ~]# [root@ip-172-31-10-202 test]# mount /dev/xvdf2/test

-bash: [root@ip-172-31-10-202: command not found

[root@ip-172-31-10-202 ~]# mount: can't find /dev/xvdf2/test in /etc/fstab

> [root@ip-172-31-10-202 test]# ls

> a as assa s

> [root@ip-172-31-10-202 test]# df -h

> Filesystem Size Used Avail Use% Mounted on

> devtmpfs 489M 64K 488M 1% /dev

> tmpfs 497M 0 497M 0% /dev/shm

> /dev/xvda1 7.8G 976M 6.7G 13% /

> [root@ip-172-31-10-202 test]# cd ..

> [root@ip-172-31-10-202 ~]# df -h

> Filesystem Size Used Avail Use% Mounted on

> devtmpfs 489M 64K 488M 1% /dev

> tmpfs 497M 0 497M 0% /dev/shm

> /dev/xvda1 7.8G 976M 6.7G 13% /

> [root@ip-172-31-10-202 ~]# umount test

> umount: test: not mounted

> [root@ip-172-31-10-202 ~]# umount /dev/xvdf2/test

> umount: /dev/xvdf2/test: Not a directory

> [root@ip-172-31-10-202 ~]# exit

> logout

> [ec2-user@ip-172-31-10-202 ~]$ sudo -i

> [root@ip-172-31-10-202 ~]# ls

> test

> [root@ip-172-31-10-202 ~]# rm -r test

> rm: descend into directory ‘test’? y

> rm: remove regular empty file ‘test/assa’?

> rm: remove regular empty file ‘test/as’?

> rm: remove regular empty file ‘test/a’?

> rm: remove regular empty file ‘test/s’?

> rm: remove directory ‘test’?

> [root@ip-172-31-10-202 ~]# rm -rf test

> [root@ip-172-31-10-202 ~]# clear

> [root@ip-172-31-10-202 ~]# fdisk -l

> WARNING: fdisk GPT support is currently new, and therefore in an experimental phase. Use at your own discretion.

>

> Disk /dev/xvda: 8589 MB, 8589934592 bytes, 16777216 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: gpt

>

>

> # Start End Size Type Name

> 1 4096 16777182 8G Linux filesyste Linux

> 128 2048 4095 1M BIOS boot parti BIOS Boot Partition

>

> Disk /dev/xvdf: 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

>

> [root@ip-172-31-10-202 ~]# fdisk /dev/xvdf

> 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 0xe3e34f1d.

>

> Command (m for help): ^C

> [root@ip-172-31-10-202 ~]# fdisk -l

> WARNING: fdisk GPT support is currently new, and therefore in an experimental phase. Use at your own discretion.

>

> Disk /dev/xvda: 8589 MB, 8589934592 bytes, 16777216 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: gpt

>

>

> # Start End Size Type Name

> 1 4096 16777182 8G Linux filesyste Linux

> 128 2048 4095 1M BIOS boot parti BIOS Boot Partition

>

> Disk /dev/xvdf: 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

>

> ^C

[root@ip-172-31-10-202 ~]# clear

[root@ip-172-31-10-202 ~]# fdisk -l

WARNING: fdisk GPT support is currently new, and therefore in an experimental phase. Use at your own discretion.

Disk /dev/xvda: 8589 MB, 8589934592 bytes, 16777216 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: gpt

# Start End Size Type Name

1 4096 16777182 8G Linux filesyste Linux

128 2048 4095 1M BIOS boot parti BIOS Boot Partition

Disk /dev/xvdf: 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

[root@ip-172-31-10-202 ~]# fdisk /dev/xvdf

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 0x94775a6c.

Command (m for help): ^C

[root@ip-172-31-10-202 ~]# clear

[root@ip-172-31-10-202 ~]# fdisk -l

WARNING: fdisk GPT support is currently new, and therefore in an experimental phase. Use at your own discretion.

Disk /dev/xvda: 8589 MB, 8589934592 bytes, 16777216 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: gpt

# Start End Size Type Name

1 4096 16777182 8G Linux filesyste Linux

128 2048 4095 1M BIOS boot parti BIOS Boot Partition

Disk /dev/xvdf: 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

[root@ip-172-31-10-202 ~]# mkfs.ext4 /dev/xvdf

mke2fs 1.42.12 (29-Aug-2014)

Creating filesystem with 2621440 4k blocks and 655360 inodes

Filesystem UUID: c1d56234-75a9-4bf3-ad8d-3dca86b43bd2

Superblock backups stored on blocks:

32768, 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

[root@ip-172-31-10-202 ~]# fdisk -l

WARNING: fdisk GPT support is currently new, and therefore in an experimental phase. Use at your own discretion.

Disk /dev/xvda: 8589 MB, 8589934592 bytes, 16777216 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: gpt

# Start End Size Type Name

1 4096 16777182 8G Linux filesyste Linux

128 2048 4095 1M BIOS boot parti BIOS Boot Partition

Disk /dev/xvdf: 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

[root@ip-172-31-10-202 ~]# clear

[root@ip-172-31-10-202 ~]# fdisk /dev/xvdf

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 0xa932189f.

Command (m for help): n

Partition type:

p primary (0 primary, 0 extended, 4 free)

e extended

Select (default p): e

Partition number (1-4, default 1): 1

First sector (2048-20971519, default 2048):

Using default value 2048

Last sector, +sectors or +size{K,M,G} (2048-20971519, default 20971519): +7G

Partition 1 of type Extended and of size 7 GiB is set

Command (m for help): n

Partition type:

p primary (0 primary, 1 extended, 3 free)

l logical (numbered from 5)

Select (default p): l

Adding logical partition 5

First sector (4096-14682111, default 4096):

Using default value 4096

Last sector, +sectors or +size{K,M,G} (4096-14682111, default 14682111): +5G

Partition 5 of type Linux and of size 5 GiB is set

Command (m for help): w

The partition table has been altered!

Calling ioctl() to re-read partition table.

Syncing disks.

[root@ip-172-31-10-202 ~]# partprobe /dev/xvdf1

Error: Can't have a partition outside the disk!

[root@ip-172-31-10-202 ~]# partprobe /dev/xvdf

[root@ip-172-31-10-202 ~]# fdisk -l

WARNING: fdisk GPT support is currently new, and therefore in an experimental phase. Use at your own discretion.

Disk /dev/xvda: 8589 MB, 8589934592 bytes, 16777216 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: gpt

# Start End Size Type Name

1 4096 16777182 8G Linux filesyste Linux

128 2048 4095 1M BIOS boot parti BIOS Boot Partition

Disk /dev/xvdf: 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: 0xa932189f

Device Boot Start End Blocks Id System

/dev/xvdf1 2048 14682111 7340032 5 Extended

/dev/xvdf5 4096 10489855 5242880 83 Linux

[root@ip-172-31-10-202 ~]# mkfs -t ext4 /dev/xvdf5

mke2fs 1.42.12 (29-Aug-2014)

Creating filesystem with 1310720 4k blocks and 327680 inodes

Filesystem UUID: 046e49be-d700-4397-81f4-820c19fa1577

Superblock backups stored on blocks:

32768, 98304, 163840, 229376, 294912, 819200, 884736

Allocating group tables: done

Writing inode tables: done

Creating journal (32768 blocks): done

Writing superblocks and filesystem accounting information: done

[root@ip-172-31-10-202 ~]# mkdir

Allocating group tables: done

Writing inode tables: done

Creating journal (32768 blocks): done

Writing superblocks and filesystem accounting information: done

[root@ip-172-31-10-202 ~]# mkdir