

Debian

- [Reconstruire un paquet Debian](#)
- [Redimensionner une partition LVM avec un minimum de coupure ...](#)

Reconstruire un paquet Debian

```
ar x xxx_all.deb
zstd -d < control.tar.zst | xz > control.tar.xz
zstd -d < data.tar.zst | xz > data.tar.xz
ar -m -c -a sdsd xxx_all_repacked.deb debian-binary control.tar.xz data.tar.xz
rm debian-binary control.tar.xz data.tar.xz control.tar.zst data.tar.zst
```

Redimensionner une partition LVM avec un minimum de coupure ...

```
fdisk -l
```

Si la nouvelle taille n'apparait pas, lancer la commande suivante :

```
echo 1 > /sys/class/scsi_device/0\:0\:0\:0/device/rescan
```

Revérifier avec toujours :

```
fdisk -l
```

Ensuite il va falloir supprimer la partition et la recréer avec fdisk :

```
# fdisk /dev/sda
```

```
Welcome to fdisk (util-linux 2.36.1).
```

```
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: 128 GiB, 137438953472 bytes, 268435456 sectors
```

```
Disk model: Virtual disk
```

```
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: dos
```

```
Disk identifier: 0x868c407c
```

Device	Boot	Start	End	Sectors	Size	Id	Type
/dev/sda1	*	2048	999423	997376	487M	83	Linux
/dev/sda2		1001470	134215679	133214210	63.5G	5	Extended

```
/dev/sda5      1001472 134215679 133214208 63.5G 8e Linux LVM
```

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

```
Partition number (1,2,5, default 5): 2
```

```
Partition 2 has been deleted.
```

```
Command (m for help): n
```

```
Partition type
```

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

```
  e  extended (container for logical partitions)
```

```
Select (default p): e
```

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

```
First sector (999424-268435455, default 999424): 1001470
```

```
Last sector, +/-sectors or +/-size{K,M,G,T,P} (1001470-268435455, default 268435455):
```

```
Created a new partition 2 of type 'Extended' and of size 127.5 GiB.
```

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

```
Disk /dev/sda: 128 GiB, 137438953472 bytes, 268435456 sectors
```

```
Disk model: Virtual disk
```

```
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: dos
```

```
Disk identifier: 0x868c407c
```

Device	Boot	Start	End	Sectors	Size	Id	Type
/dev/sda1	*	2048	999423	997376	487M	83	Linux
/dev/sda2		1001470	268435455	267433986	127.5G	5	Extended

```
Command (m for help): n
```

```
All space for primary partitions is in use.
```

```
Adding logical partition 5
```

```
First sector (1003518-268435455, default 1003520):
```

```
Last sector, +/-sectors or +/-size{K,M,G,T,P} (1003520-268435455, default 268435455):
```

```
Created a new partition 5 of type 'Linux' and of size 127.5 GiB.
```

```
Partition #5 contains a ext4 signature.
```

Do you want to remove the signature? [Y]es/[N]o: Y

The signature will be removed by a write command.

Command (m for help): p

Disk /dev/sda: 128 GiB, 137438953472 bytes, 268435456 sectors

Disk model: Virtual disk

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: dos

Disk identifier: 0x868c407c

Device	Boot	Start	End	Sectors	Size	Id	Type
/dev/sda1	*	2048	999423	997376	487M	83	Linux
/dev/sda2		1001470	268435455	267433986	127.5G	5	Extended
/dev/sda5		1003520	268435455	267431936	127.5G	83	Linux

Filesystem/RAID signature on partition 5 will be wiped.

Command (m for help): x

Expert command (m for help): b

Partition number (1,2,5, default 5): 5

New beginning of data (1001471-268435455, default 1003520): 1001472

Expert command (m for help): p

Disk /dev/sda: 128 GiB, 137438953472 bytes, 268435456 sectors

Disk model: Virtual disk

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: dos

Disk identifier: 0x868c407c

Device	Boot	Start	End	Sectors	Id	Type	Start-C/H/S	End-C/H/S	Attrs
/dev/sda1	*	2048	999423	997376	83	Linux	4/4/1	1023/254/2	80
/dev/sda2		1001470	268435455	267433986	5	Extended	939/170/1	8/7/2	
/dev/sda5		1001472	268435455	267433984	83	Linux	943/175/1	8/7/2	

Expert command (m for help): r

Command (m for help): p

Disk /dev/sda: 128 GiB, 137438953472 bytes, 268435456 sectors

Disk model: Virtual disk

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: dos

Disk identifier: 0x868c407c

Device	Boot	Start	End	Sectors	Size	Id	Type
/dev/sda1	*	2048	999423	997376	487M	83	Linux
/dev/sda2		1001470	268435455	267433986	127.5G	5	Extended
/dev/sda5		1001472	268435455	267433984	127.5G	83	Linux

Command (m for help): t

Partition number (1,2,5, default 5): 5

Hex code or alias (type L to list all): 8e

Changed type of partition 'Linux' to 'Linux LVM'.

Command (m for help): p

Disk /dev/sda: 128 GiB, 137438953472 bytes, 268435456 sectors

Disk model: Virtual disk

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: dos

Disk identifier: 0x868c407c

Device	Boot	Start	End	Sectors	Size	Id	Type
/dev/sda1	*	2048	999423	997376	487M	83	Linux
/dev/sda2		1001470	268435455	267433986	127.5G	5	Extended
/dev/sda5		1001472	268435455	267433984	127.5G	8e	Linux LVM

Command (m for help): wr

The partition table has been altered.

Failed to update system information about partition 2: Device or resource busy

On doit redimensionner le système de fichiers :

```
~# resize2fs /dev/mapper/vm--it--vg-home  
resize2fs 1.46.2 (28-Feb-2021)  
Filesystem at /dev/mapper/vm--it--vg-home is mounted on /home; on-line resizing required  
old_desc_blocks = 6, new_desc_blocks = 14  
The filesystem on /dev/mapper/vm--it--vg-home is now 28653568 (4k) blocks long.
```

Et voilà c'est fini !