

LVM: Remove an existing Volume Group

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LVM: Remove an existing Volume Group

```
# Tested on RHEL 5, 6 & 7
```

```
VG=testvg
```

```
vgdisplay -v $VG
```

```
Using volume group(s) on command line.
```

```
--- Volume group ---
```

VG Name	testvg
System ID	
Format	lvm2
Metadata Areas	1
Metadata Sequence No	60
VG Access	read/write
VG Status	resizable
MAX LV	0
Cur LV	1
Open LV	1
Max PV	0
Cur PV	1
Act PV	1
VG Size	508.00 MiB
PE Size	4.00 MiB
Total PE	127
Alloc PE / Size	64 / 256.00 MiB
Free PE / Size	63 / 252.00 MiB
VG UUID	MgAY7y-AVfr-F0FP-5RV0-jHA8-0bel-UK2M9k

```
--- Logical volume ---
LV Path                /dev/testvg/testlv
LV Name                 testlv
VG Name                 testvg
LV UUID                 uwa2U4-C2J4-pjPK-CYT4-jvM0-qgj7-gabWBN
LV Write Access         read/write
LV Creation host, time ciento3.localdomain, 2016-02-25 14:19:41
```

```
+0100
```

```
LV Status               available
# open                  1
LV Size                 256.00 MiB
Current LE              64
Segments                1
Allocation               inherit
Read ahead sectors      auto
- currently set to      8192
Block device            253:8
```

```
--- Physical volumes ---
```

```
PV Name                 /dev/sde1
PV UUID                 jgt69o-80oG-3WNo-9ens-GBD2-vrqu-yRHDUB
PV Status               allocatable
Total PE / Free PE     127 / 63
```

```
# Before removing Volume Group remember that data (if any) won't be
recoverable. Take into
# account any filesystem/logical volume belonging to volume group.
Such is my case; I will
# destroy volume group and all related objects
```

```
vgremove $VG
```

```
Do you really want to remove volume group "testvg" containing 1
logical volumes? [y/n]: y
```

```
Can't remove open logical volume "testlv"
```

```
df -h
```

```
[...]
```

```
/dev/mapper/testvg-testlv
```

```
248M  11M  226M  5% /testmntpt
```

```
umount /testmntpt
```

```
rmdir /testmntpt
```

```
vgremove $VG
```

```
Do you really want to remove volume group "testvg" containing 1  
logical volumes? [y/n]: y
```

```
Do you really want to remove active logical volume testlv? [y/n]:  
y
```

```
Logical volume "testlv" successfully removed
```

```
Volume group "testvg" successfully removed
```

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