

FAQ

???? PV

Device /dev/sdj not found (or ignored by filtering).

Solution: ??????????????

```
# fdisk -l /dev/sdj
```

```
WARNING: GPT (GUID Partition Table) detected on '/dev/sdj'! The util fdisk doesn't support GPT. Use GNU Parted.
```

```
Disk /dev/sdj: 3848.3 GB, 3848290697216 bytes
```

```
255 heads, 63 sectors/track, 467861 cylinders
```

```
Units = cylinders of 16065 * 512 = 8225280 bytes
```

```
Sector size (logical/physical): 512 bytes / 4096 bytes
```

```
I/O size (minimum/optimal): 4096 bytes / 4096 bytes
```

```
Disk identifier: 0x00000000
```

| Device | Boot | Start | End | Blocks | Id | System |
|-----------|------|-------|--------|-------------|----|--------|
| /dev/sdj1 | | 1 | 267350 | 2147483647+ | ee | GPT |

```
Partition 1 does not start on physical sector boundary.
```

????????????????????

?????? PV

???????? PV ? VG ? LV

??? PV - /dev/sdc ??????? VG ? LV ??????????

Couldn't find device with uuid APgmaN-yCZG-WfQS-L5zm-vd6g-oEJc-WjzNrT.

Can't remove locked LV isths_DMS

Couldn't find device with uuid APgmaN-yCZG-WfQS-L5zm-vd6g-oEJc-WjzNrT.

WARNING: Partial LV isths_home needs to be repaired or removed.

WARNING: Partial LV isths_DMS needs to be repaired or removed.

WARNING: Partial LV pvmove0 needs to be repaired or removed.

There are still partial LVs in VG vg_db.

To remove them unconditionally use: `vgreduce --removemissing --force`.

Proceeding to remove empty missing PVs.

Solution: VG Name: vg_db

```
# vgcfgbackup vg_db
```

```
Couldn't find device with uuid APgmaN-yCZG-WfQS-L5zm-vd6g-oEJc-WjzNrT.
```

```
Volume group "vg_db" successfully backed up.
```

/etc/lvm/backup/vg_db:

```
...
logical_volumes {
...
...
}
...
```

??? logical_volumes ?????

?? vgcfgrestore

```
# vgcfgrestore vg_db
```

```
Restored volume group vg_db
```

???????????? LV ? VG

```
pvs
```

```
vgs
```

```
lvs
vgremove vg_db
```

USB ????? LVM ????????????

```
# mount -t ext3 /dev/VolGroup00/LogVol00 /mnt/lvm00
mount: wrong fs type, bad option, bad superblock on
/dev/mapper/VolGroup00-LogVol00,
missing codepage or helper program, or other error
In some cases useful info is found in syslog - try
dmesg | tail or so
```

Solution:

```
vgchange -an VolGroup00
vgchange -ay VolGroup00
mount -t ext3 /dev/VolGroup00/LogVol00 /mnt/lvm00
```

???? LV

?????????? pvdisplay -C ?????????????? LV

```
Couldn't find device with uuid ZrneWS-8KHd-UiXV-rQ4q-YU0o-r9Ga-
0ZVBPW
```

Solution: ??????????? LVM ??

```
# vgreduce -removemissing <vg-name>
```

TIPs?

```
?????????? device ??? VG?????? pvdisplay ?
```

?? GPT ??

With parted

```
# parted /dev/vdb
GNU Parted 3.4
Using /dev/vdb
Welcome to GNU Parted! Type 'help' to view a list of commands.
(parted) mklabel GPT
(parted) mkpart primary 2048s 100%
(parted) q
Information: You may need to update /etc/fstab.
```

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