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LVM

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pv가 가 LVM 가

```
[root@gfs1 ~]# partprobe /dev/sdb
[root@gfs1 ~]# pvcreate /dev/sdb1
Skipping clustered volume group vg_data
Device /dev/sdb1 not found (or ignored by filtering).
```

LVM LVM Meta-data가

Locking Type

/etc/lvm/lvm.conf locking_type 0

```
...
# You should not need to set this directly; the tools will
select # when to use it instead of the configured locking_type.
# Do not use lvmtool or the kernel device-mapper driver with
this # locking type. It is used by the --readonly option that offers
# read-only access to Volume Group metadata that cannot be
locked # safely because it belongs to an inaccessible domain and might
be # in use, for example a virtual machine image or a disk that is
# shared by a clustered machine.
#
locking_type = 0 # <- 0

# Configuration option global/wait_for_locks.
# When disabled, fail if a lock request would block.
wait_for_locks = 1
...
```

locking_type 0 lock 가

```
[root@gfs1 ~]# pvremove -y -ff /dev/sdb*
WARNING: Locking disabled. Be careful! This could corrupt your metadata.
Device /dev/sdb not found (or ignored by filtering).
WARNING: PV /dev/sdb1 is used by VG vg_data
WARNING: Wiping physical volume label from /dev/sdb1 of volume group
"vg_data"
Labels on physical volume "/dev/sdb1" successfully wiped.
[root@gfs1 ~]# dd if=/dev/zero of=/dev/sdb bs=512 count=1
```

wiped

pvcreate

locking_type

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