

LVM	Root Volume	VG	
		 3
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LVM Root Volume VG

1. vgrename VG

```
# vgrename oldvg newvg
```

2. lvrename

```
# lvrename /dev/newvg/oldlv /dev/newvg/newlv
```

3. VG LV /etc/fstab

```
/dev/mapper/newvg-newlv / xfs defaults 1 1
```

```
# systemctl daemon-reload
```

```
# vi /etc/default/grub
```

```
GRUB_CMDLINE_LINUX="rd.lvm.lv=newvg/newlv crashkernel=auto  
rd.lvm.lv=newvg/newlv1 vconsole.font=latarcyrheb-sun16 vconsole.keymap=us "
```

6. VG

```
# vgchange -ay
```

7. LV

```
# lvchange /dev/newvg/root --refresh  
# lvchange /dev/newvg/swap --refresh
```

8. initramfs

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```
# cp /boot/initramfs-$(uname -r).img /boot/initramfs-$(uname -r).img.$(date +%-m-%d-%H%M%S).bak  
# dracut -v -f /boot/initramfs-$(uname -r).img $(uname -r)
```

9. `grub2.cfg` `grub2-mkconfig` `grub`

BIOS-based machines:

```
# cp /boot/grub2/grub.cfg /boot/grub2/grub.cfg.bak  
# grub2-mkconfig -o /boot/grub2/grub.cfg
```

UEFI-based machines:

```
# cp /boot/efi/EFI/redhat/grub.cfg /boot/efi/EFI/redhat/grub.cfg.bak  
# grub2-mkconfig -o /boot/efi/EFI/redhat/grub.cfg
```

grub 가 LVM VG

```
/usr/sbin/grub2-probe: error: failed to get canonical path of  
'/dev/mapper/rhelnew1-root'.
```

- <https://access.redhat.com/solutions/1573673>

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