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Last
update: - https://atl.kr/dokuwiki/doku.php/%ED%8C%8C%ED%8B%B0%EC%85%98_%EC%9A%A9%EB%9F%89_%EB%B3%80%EA%B2%BD?rev=1637729290
2021/11/24 -
04:48

가 / OS Disk

가 /

가 .

1. 가 / .

```
[root@registry ~]# lsblk
NAME                                MAJ:MIN RM  SIZE RO TYPE MOUNTPOINT
sr0                                11:0    1 1024M  0 rom
vda                                252:0    0   100G  0 disk
├─vda1                             252:1    0    1G  0 part /boot
└─vda2                             252:2    0   99G  0 part
   └─rhel_registry-root            253:0    0   97G  0 lvm  /
      root
      └─rhel_registry-swap         253:1    0  2.1G  0 lvm  [SWAP]
# <-
```

2. .

```
[root@registry ~]# lsblk
NAME                                MAJ:MIN RM  SIZE RO TYPE MOUNTPOINT
sr0                                11:0    1 1024M  0 rom
vda                                252:0    0  110G  0 disk
├─vda1                             252:1    0    1G  0 part /boot
└─vda2                             252:2    0   99G  0 part
   └─rhel_registry-root            253:0    0   97G  0 lvm  /
      └─rhel_registry-swap         253:1    0  2.1G  0 lvm  [SWAP]
# <-
```

3. growpart . cloud-utils-growpart

```
[root@registry ~]# dnf -y install cloud-utils-growpart
```

4. 2 growpart .

```
[root@registry ~]# growpart /dev/vda 2
growpart /dev/vda 2
CHANGED: partition=2 start=2099200 old: size=207615967 end=209715167 new:
```

```
size=228587487 end=230686687

[root@registry ~]# lsblk
NAME                                MAJ:MIN RM  SIZE RO TYPE MOUNTPOINT
sr0                                11:0    1 1024M  0 rom
vda                                252:0    0  110G  0 disk
├─vda1                            252:1    0    1G  0 part /boot
└─vda2                            252:2    0  109G  0 part                # <-      PV

    └─rhel_registry-root 253:0    0   97G  0 lvm  /
    └─rhel_registry-swap 253:1    0  2.1G  0 lvm  [SWAP]
```

PV resize .

```
[root@registry ~]# pvs
PV          VG          Fmt Attr PSize   PFree
/dev/vda2   rhel_registry lvm2 a--  <99.00g    0

[root@registry ~]# pvresize /dev/vda2
Physical volume "/dev/vda2" changed
1 physical volume(s) resized or updated / 0 physical volume(s) not resized
[root@registry ~]# pvs
PV          VG          Fmt Attr PSize   PFree
/dev/vda2   rhel_registry lvm2 a--  <109.00g 10.00g

[root@registry ~]# vgs
VG          #PV #LV #SN Attr   VSize   VFree
rhel_registry  1  2   0 wz--n- <109.00g 10.00g
```

PV resize VG .

```
[root@registry ~]# lvextend -l+100%FREE rhel_registry/root -r
Size of logical volume rhel_registry/root changed from <96.93 GiB (24814 extents) to <106.93 GiB (27374 extents).
Logical volume rhel_registry/root successfully resized.
meta-data=/dev/mapper/rhel_registry-root isize=512    agcount=9,
agsize=3075584 blks
        =                               sectsz=512    attr=2, projid32bit=1
        =                               crc=1        finobt=1, sparse=1, rmapbt=0
        =                               reflink=1
data     =                               bsize=4096    blocks=25409536, imaxpct=25
        =                               sunit=0      swidth=0 blks
naming   =version 2                     bsize=4096    ascii-ci=0, ftype=1
log      =internal log                  bsize=4096    blocks=6007, version=2
        =                               sectsz=512    sunit=0 blks, lazy-count=1
```

```
realtime =none          extsz=4096   blocks=0, rtextents=0
data blocks changed from 25409536 to 28030976
```

```
[root@registry ~]# lsblk
```

NAME	MAJ:MIN	RM	SIZE	RO	TYPE	MOUNTPOINT
sr0	11:0	1	1024M	0	rom	
vda	252:0	0	110G	0	disk	
├─vda1	252:1	0	1G	0	part	/boot
└─vda2	252:2	0	109G	0	part	
├─rhel_registry-root	253:0	0	107G	0	lvm	/
└─rhel_registry-swap	253:1	0	2.1G	0	lvm	[SWAP]

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