

AIX LVM

PV

```
# Add a disk hdisk3 to a PV
## NOTE:  disk PV      lspv  pv-id
cfgmgr
chdev -l hdisk3 -a pv=yes
lspv

# Remove a PV from a disk hdisk3
## If done, the pv-id appears 'none'
chdev -l hdisk3 -a pv=clear
lspv

#  PV
lspv -M hdisk0
```

VG

```
# Create VG with 128M(PP size)
mkvg -y <vg-name> -s 128 hdisk1 hdisk2

# Add PVs hdisk3, hdisk4 to specific VG
extendvg <vg-name> hdisk3 hdisk4

# Remove a VG with PVs hdisk3, hdisk4
reducevg <vg-name> hdisk3 hdisk4
```

LV

```
# Create LV with 5G
## mklv -y <lv-name> -t jfs2 <vg-name> [LP-number|GB-size]
/usr/sbin/mklv -y'siview_lv' -tjfs2 smapvg 80
/usr/sbin/mklv -y'siview_lv' -tjfs2 smapvg 10G
```

```
# Remove a LV  
rmlv <lv-name>
```

Filesystem

```
# Create a filesystem with /data  
## -A: Whether the filesystem is mounted at each system restart.  
## crfs -v jfs2 -A yes -d <lv-name> -m <mount-point> -a logname=INLINE  
/usr/sbin/crfs -v 'jfs2' -A'yes' -d'siview_lv' -m'/home/siview' -a logname=INLINE  
mount /home/siview  
  
# Extend the size of 1024MB for specified filesystem  
chfs -a size=+1024M /home  
## Alternatively, resizing to specified number  
chfs -a size=2048M /home  
  
# Remove a filesystem  
## Check if the mount-point has been closed/syncd  
lslv -l <vg-name>  
rmfs <mount-point>
```

Revision #1
Created 14 February 2025 09:48:08 by Admin
Updated 14 February 2025 09:49:41 by Admin