Table des matières

vxresize KO

On peut parfois se retrouver confronter à cette erreur :

```
root@server1113696:/apps# vxresize -F vxfs -g dg_lima lv_cft2 +256m vxdisk32_04 vxdisk32_21
VxVM vxassist ERROR V-5-1-436 Cannot allocate space to grow volume to 1048576 blocks
VxVM vxresize ERROR V-5-1-4703 Problem running vxassist command for volume lv_cft2, in diskgroup dg_lima
```

Pourtant il reste de la place sur le *dg*. Si on regarde le statut des 2 disques on a :

```
root@server1113696:/apps/sys/admin# vxdisk list|egrep "vxdisk32_04|"
sdei        auto:cdsdisk    vxdisk32_04  dg_lima      online failing
sdaj        auto:cdsdisk    vxdisk32_21  dg_lima      online
```

Un des disques est en *failing* suite à une défaillance quelconque (micro-coupure, switch de lun, concert de michel sardou, problème de disque, etc). Une fois qu'on s'est assuré que tout est ok on peut clearer l'alerte :

```
root@serverl1113696:/apps/sys/admin# vxedit -g dg_lima set failing=off vxdisk32_04
```

On peut ensuite augmenter le FS.

Pb disque ?

```
root@server1100246:/# iostat -En
c0t0d0           Soft Errors: 0 Hard Errors: 7 Transport Errors: 0
Vendor: FUJITSU  Product: MAN3184M SUN18G  Revision: 1502 Serial No: 01Z57896
Size: 18.11GB <18110967808 bytes>
Media Error: 0 Device Not Ready: 0 No Device: 7 Recoverable: 0
Illegal Request: 0 Predictive Failure Analysis: 0
c0t1d0           Soft Errors: 0 Hard Errors: 6 Transport Errors: 82
Vendor: SEAGATE  Product: ST318203LSUN18G  Revision: 034A Serial No: LRA7308100001027
Size: 18.11GB <18110967808 bytes>
Media Error: 0 Device Not Ready: 0 No Device: 6 Recoverable: 0
Illegal Request: 0 Predictive Failure Analysis: 0
c0t6d0           Soft Errors: 0 Hard Errors: 1 Transport Errors: 0
Vendor: TOSHIBA  Product: DVD-ROM SD-M1401 Revision: 1009 Serial No: 12/20/00
Size: 18446744073.71GB <-1 bytes>
Media Error: 0 Device Not Ready: 1 No Device: 0 Recoverable: 0
Illegal Request: 0 Predictive Failure Analysis: 0


root@parss1100246:/# format
Searching for disks...done

AVAILABLE DISK SELECTIONS:
       0. c0t0d0 <SUN18G cyl 7506 alt 2 hd 19 sec 248>
          /pci@1f,4000/scsi@3/sd@0,0
       1. c0t1d0 <drive not available: formatting>
          /pci@1f,4000/scsi@3/sd@1,0
Specify disk (enter its number):
```

Retirer enclosure

- sur standalone

```
vxdmpadm listenclosure all
mv /etc/vx/array.info /tmp
vxconfigd -k
```

Si VCS, voir http://www.symantec.com/business/support/index?page=content&id=TECH53304

vxlist failed

```
VxVM DCLI vxlist ERROR V-50-49971-158 Authentication or communication could not be established with the server.
```

```
root@bloa51 # cd /opt/VRTSsfmh/etc/
```

```
root@bloa51 # ./vxdcli.sh status
STOPPED
root@bloa51 # ./vxdcli.sh start
root@bloa51 # ./vxdcli.sh status
RUNNING
```

V-5-1-1589 enable failed: Volboot file not loaded

```
rm /etc/vx/reconfig.d/state.d/install-db
vxdctl  init
vxdctl enable
vxdctl mode
vxdisk list
```

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