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## Monter une image ISO pour un VIO client

```
mkvdev -fbo -vadapter vhost6
loadopt [-release] -vtd vtopt0 -disk PA-PAT-PTNOYAU-G06R05C00.iso
```

## Ajout de devices disk

Si dual VIOS :

```
chdev -l hdiskpowerW -a reserve_lock=no
```

```
mkvdev -vdev hdiskpowerX -vadapter vhostX -dev vioC-XXX
```

## carto\_vio.ksh

- Pour avoir une meilleur carto du vio

oem\_setup\_env

```
/usr/ios/cli/ioscli lsmmap -all|awk '/vhost/ {vhost=$1}
/VTD/ {vtd=$2}
/Backing device/ {print vhost,vtd,$3}' >/tmp/lsmmap.$$
/usr/ios/cli/ioscli lsmmap -all|awk '/vhost/ {vhost=$1}
/VTD/ {vtd=$2}
/Backing device/ {print vhost,vtd,$3}' >/tmp/lsmmap.$$

lspv|grep power|while read pv pvid VG
do
vhostinfo=`grep "$pv$" /tmp/lsmmap.$$|awk '{print $1,$2}'`
printf "%13s %17s %s\n" $pv $pvid "$vhostinfo"
done|sort
rm /tmp/lsmmap.$$
```

- Ca donne :

```
hdiskpower0 00c9026da49ed44a
hdiskpower1 00c9026dedf6e9f9 vhost5 lu_016_7206940
hdiskpower6 00c9026dclfcdaea vhost1 lu_007_7206937
hdiskpower7 00c9026dclfcf9c4 vhost1 lu_008_7206937
hdiskpower8 00c9026d381c43c2 vhost1 lu_009_7206937
hdiskpower9 00c9026d37ed1d2a vhost0 bs_002_7206937
hdiskpower10 00c9026d38170020 vhost1 lu_006_7206937
hdiskpower11 00cc2a3eeea831f3 vhost9 lu_001_7206939
hdiskpower12 00cc2a3eeea0b4f vhost9 lu_002_7206939
hdiskpower13 00cc2a3eeea6f32 vhost11 lu_001_7206944
hdiskpower14 00cc2a3eeea83e vhost11 lu_002_7206944
hdiskpower15 00cc2a3eeea4105 vhost7 lu_001_7206941
hdiskpower16 00c9026dcbef84d vhost5 lu_001_7206940
hdiskpower17 00c9026deab6e30c vhost5 lu_002_7206940
hdiskpower18 00c9026d3fb8a9bc vhost5 lu_003_7206940
hdiskpower19 00c9026deccebc84 vhost5 lu_004_7206940
hdiskpower20 00c9026dece296d9 vhost5 lu_005_7206940
hdiskpower21 00c9026dc086dbe7 vhost7 lu_002_7206941
hdiskpower22 00c9026dc08c8ae8 vhost3 lu_001_7206938
hdiskpower23 00c9026dc08aef9 vhost3 lu_002_7206938
hdiskpower24 00c9026dc0a86699 vhost13 lu_001_7209857
hdiskpower25 00c9026dc09fb567 vhost13 lu_002_7209857
hdiskpower26 00c9026d480b255a vhost5 lu_006_7206940
hdiskpower27 00c9026d32955147 vhost5 lu_007_7206940
hdiskpower28 00c9026d692aebd4 vhost5 lu_008_7206940
hdiskpower29 none vhost5 lu_009_7206940
hdiskpower30 00c9026d3294f9e0 vhost5 lu_010_7206940
hdiskpower31 00c9026db105c8d7 vhost5 lu_011_7206940
hdiskpower32 00c9026db10d4288 vhost5 lu_012_7206940
hdiskpower33 00c9026d168403a6 vhost5 lu_013_7206940
hdiskpower34 00c9026d5a731d5b vhost2 bs_001_7206938
hdiskpower35 00c9026d1741b8a5 vhost4 bs_001_7206940
hdiskpower36 00c9026dfa9a039c vhost6 bs_001_7206941
hdiskpower37 00c9026d000a4acd vhost8 bs_001_7206939
```

```
hdiskpower38 00c9026d107efd89 vhost10 bs_001_7206944
hdiskpower39 00c9026d10865248 vhost12 bs_001_7209857
hdiskpower40 00c9026d734bec06
hdiskpower41 00c9026d08aa7497 vhost14 bs_001_7213634
hdiskpower42 00c9026d08a6c57f vhost16 bs_001_7213635
hdiskpower43 00c9026dedf02dea vhost18 bs_001_7213636
hdiskpower44 00c9026df37f2f5a
```

## vios <=> vhosts

- Sur le client

```
echo "cvai" | kdb | grep vscsi
```

- Sur le VIOS

```
$ lsmmap -vadapter vhost4
SVSA          Physloc          Client Partition ID
-----
vhost4       U9117.MMB.06A14EP-V480-C36  0x00000002

VTD          v_02_root_01
Status       Available
LUN          0x8100000000000000
Backing device hdisk19
Physloc      U78C0.001.DBJ7973-P2-C5-T1-W50060E80164DD424-L110000000000000
Mirrored     false

VTD          v_02_root_02
Status       Available
LUN          0x8200000000000000
Backing device hdisk18
Physloc      U78C0.001.DBJ7973-P2-C5-T1-W50060E8
Mirrored     false
```

## NPIV

```
lsnports => fabric = 1
```

```
lsmmap -all -npiv |grep vfc
```

```
vfcmap -vadapter vfchost4 -fcp fcs0
vfcmap -vadapter vfchost5 -fcp fcs4
```

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