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## Afficher les cartes réseaux

```
root@parv4704:/opt/langtools/bin$ lanscan
Hardware Station Crd Hdw Net-Interface NM MAC HP-DLPI DLPI
Path Address In# State NamePPA ID Type Support Mjr#
1/0/1/1/0/4/0 0x0017A476781D 0 UP lan0 snap0 1 ETHER Yes 119
1/0/2/1/0/6/0 0x001560DEB7E4 1 UP lan1 snap1 2 ETHER Yes 119
1/0/2/1/0/6/1 0x001560DEB7E5 2 UP lan2 snap2 3 ETHER Yes 119
1/0/4/1/0/6/0 0x001560DEB75C 3 UP lan3 snap3 4 ETHER Yes 119
1/0/4/1/0/6/1 0x001560DEB75D 4 UP lan4 snap4 5 ETHER Yes 119
```

## Obtenir des infos supplémentaires

```
root@parv4704:/opt/langtools/bin$ lanshow
```

```
-----
lanshow ( Version : 2.87 )
-----
This tool is for HP support only
-----
```

```
libp4 (9.142): Opening /stand/vmunix /dev/kmem
```

```
Loading symbols from /stand/vmunix
Kernel TEXT pages not requested in crashconf
Will use an artificial mapping from a.out TEXT pages
Loading symbols from /stand/dlkm/mod.d/SEOS
```

```
Executing : /usr/contrib/bin/lanshow-a-2
```

Name	PPA	Driver Name	Interface Description	Mac Address	States Link	IP Address
lan0	0	igelan	1000Base-T Core	0x0017a476781d	UP UP	A.B.C.D
lan1	1	ieether	1000Base-T	0x001560deb7e4	UP DOWN	0.0.0.0
lan2	2	ieether	1000Base-T	0x001560deb7e5	UP UP	10.255.21.14
lan3	3	ieether	1000Base-T	0x001560deb75c	DOWN n/c	n/c
lan4	4	ieether	1000Base-T	0x001560deb75d	UP DOWN	0.0.0.0

n/c : means "Not Configured", ifconfig has not been done on this interface

## Voir la vitesse d'une carte

```
root@parv4704:/opt/langtools/bin$ lanadmin -s -x 0
Speed = 100 Half-Duplex.
Autonegotiation = 0n.
```

## Changer la vitesse d'une carte et fixer les paramètres après reboot

```
root@parv4704:/opt/langtools/bin$ lanadmin -X 100fd -x 0
WARNING: The link settings you have specified for this card
must match the settings of its link partner.
```

- Modifier le(s) fichier(s) /etc/rc.config.d/hp\*

```
root@parv4704:/etc/rc.config.d$ ls -l hpi*
-r--r--r-- 1 bin bin 5468 Nov 10 2004 hpietherconf
-r--r--r-- 1 bin bin 4571 Jun 6 14:50 hpielanconf
```

```
HP_IGELAN_INTERFACE_NAME[0]=lan0
HP_IGELAN_STATION_ADDRESS[0]=
```



```
/usr/bin/rad -f ATTENTION 8-0-3-8
```

- On retrouve aussi cette info via un parstatus :

```
....
....
[Chassis]
Hardware Location Usage Core Connected Par
IO To Num
=====
....
cab8,bay0,chassis3 active yes cab0,cell5 4
....
....
[Partition]
Par # of # of I/O
Num Status Cells Chassis Core cell Partition Name (first 30 chars)
=====
0 active 1 1 cab0,cell0 parv2291
1 active 2 2 cab0,cell1 Partition 1
2 active 1 1 cab0,cell2 parc2898
3 active 2 1 cab0,cell4 Partition 3
4 active 1 1 cab0,cell5 COBI PROD
```

COBI PROD est construit sur le cab8,bay0, chassis3

## Aggrégat (APA)

```
/etc/rc.config.d/netconf
```

```
INTERFACE_NAME[0]=lan5000
IP_ADDRESS[0]=10.195.16.140
SUBNET_MASK=255.255.255.0
INTERFACE_STATE[0]="up"
BROADCAST_ADDRESS[0]="10.195.17.255"
```

```
INTERFACE_NAME[1]=lan5001
IP_ADDRESS[1]=10.224.251.139
SUBNET_MASK[1]=255.255.255.0
INTERFACE_STATE[1]="up"
```

```
INTERFACE_NAME[2]="lan5003"
IP_ADDRESS[2]="10.238.10.249"
SUBNET_MASK[2]="255.255.254.0"
BROADCAST_ADDRESS[2]="10.238.11.255"
INTERFACE_STATE[2]="up"
```

```
ROUTE_DESTINATION[3]=default
ROUTE_MASK[3]="255.255.255.0"
ROUTE_GATEWAY[3]="10.224.251.1"
ROUTE_COUNT[3]=""
ROUTE_ARGS[3]=""
```

```
/etc/rc.config.d/hp_apaconf
```

```
HP_APA_INTERFACE_NAME[0]=lan900
HP_APA_LOAD_BALANCE_MODE[0]=LB_MAC
HP_APA_MANUAL_LA[0]="0,1"
```

```
/etc/rc.config.d/hp_apaportconf
```

```
HP_APAPORT_INTERFACE_NAME[0]=lan0
HP_APAPORT_CONFIG_MODE[0]=MANUAL
HP_APAPORT_INTERFACE_NAME[1]=lan1
HP_APAPORT_CONFIG_MODE[1]=MANUAL
```

```
/etc/rc.config.d/vlanconf
```

```
VLAN_VPPA[0]=5000
VLAN_PHY_INTERFACE[0]=900
VLAN_ID[0]=71
```

```
VLAN_NAME[0]=SQLFT
VLAN_PRIORITY[0]=0
VLAN_PRI_OVERRIDE[0]=CONF_PRI
VLAN_TOS[0]=0
VLAN_TOS_OVERRIDE[0]=IP_HEADER

VLAN_VPPA[1]=5001
VLAN_PHY_INTERFACE[1]=900
VLAN_ID[1]=68
VLAN_NAME[1]=GINSAV
VLAN_PRIORITY[1]=0
VLAN_PRI_OVERRIDE[1]=CONF_PRI
VLAN_TOS[1]=0
VLAN_TOS_OVERRIDE[1]=IP_HEADER

VLAN_VPPA[2]=5002
VLAN_PHY_INTERFACE[2]=900
VLAN_ID[2]=147
VLAN_NAME[2]=VCSHB1
VLAN_PRIORITY[2]=0
VLAN_PRI_OVERRIDE[2]=CONF_PRI
VLAN_TOS[2]=0
VLAN_TOS_OVERRIDE[2]=IP_HEADER

VLAN_VPPA[3]=5003
VLAN_PHY_INTERFACE[3]=900
VLAN_ID[3]=15
VLAN_NAME[3]=TF
VLAN_PRIORITY[3]=0
VLAN_PRI_OVERRIDE[3]=CONF_PRI
VLAN_TOS[3]=0
VLAN_TOS_OVERRIDE[3]=IP_HEADER

VLAN_VPPA[4]=5004
VLAN_PHY_INTERFACE[4]=900
VLAN_ID[4]=148
VLAN_NAME[4]=VCSHB2
VLAN_PRIORITY[4]=0
VLAN_PRI_OVERRIDE[4]=CONF_PRI
VLAN_TOS[4]=0
VLAN_TOS_OVERRIDE[4]=IP_HEADER
```

```
nwmgr -g -S apa
lanadmin -x -i 900
lanadmin -x -p 0 901
```

- Couper un lien

```
nwmgr -d -A links=1 -I 900 -S apa
nwmgr -a -A links=1 -I 900 -S apa
nwmgr -d -A links=0 -I 900 -S apa
nwmgr -a -A links=0 -I 900 -S apa
```

## Créer / modifier un VLAN

```
nwmgr -a -c lan5004 -S vlan -A vlanid=14, pri=0, ppa=0
```

```
nwmgr -s -c lan5004 -S vlan -A vlanid=14, pri=0, name=fcose
```

```
lanadmin -V create vlanid 68 pri 0 tos 0 name GINSAV 900
```

- */etc/rc.config.d/vlanconf*

```
VLAN_VPPA[4]=5004
VLAN_PHY_INTERFACE[4]=0
VLAN_ID[4]=14
VLAN_NAME[4]=fcose
VLAN_PRIORITY[4]=0
VLAN_PRI_OVERRIDE[4]=CONF_PRI
VLAN_TOS[4]=0
VLAN_TOS_OVERRIDE[4]=IP_HEADER
```

```
nwmgr -S vlan
```

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Last update: **2017/06/28 08:24**