

Table des matières

Afficher les cartes réseaux 3

Obtenir des infos supplémentaires 3

Voir la vitesse d'une carte 3

Changer la vitesse d'une carte et fixer les paramètres après reboot 3

Créer un alias IP 4

Comment savoir où est pluggué un câble sur un HP partitionné 4

Aggrégat (APA) 5

Créer / modifier un VLAN 6

Afficher les cartes réseaux

root@parv4704:/opt/langtools/bin\$ lscan		NM		MAC	HP-DLPI		DLPI	
Hardware	Station	Crd	Hdw	Net-Interface	ID	Type	Support	Mjr#
Path	Address	In#	State	NamePPA				
1/0/1/0/1/0/4/0	0x0017A47F781D	0	UP	lan0 snap0		1	ETHER	Yes 119
1/0/2/1/0/6/0/0	0x001560D8E7E4	1	UP	lan1 snap1		2	ETHER	Yes 119
1/0/2/1/0/6/0/1	0x001560D8E7E5	2	UP	lan2 snap2		3	ETHER	Yes 119
1/0/4/1/0/6/0/0	0x001560D8E75C	3	UP	lan3 snap3		4	ETHER	Yes 119
1/0/4/1/0/6/0/1	0x001560D8E75D	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 A.B.C.D
lan1	1	1ether	1000Base-T		0x001560deb7e4	UP DOWN 0.0.0.0
lan2	2	2ether	1000Base-T		0x001560deb7e5	UP UP 10.255.21.14
lan3	3	3ether	1000Base-T		0x001560deb75c	DOWN n/c n/c
lan4	4	4ether	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 = 100000000
Speed = 100 Half-Duplex.
Autonegotiation = On.
```

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

```
root@parv4784:/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 hpiigelanconf
```

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

Créer un alias IP

Modifier le fichier `/etc/rc.config.d/netconf` :

```
INTERFACE_NAME[1]="lan0:1"
IP_ADDRESS[1]="A.B.C.D"
SUBNET_MASK[1]="A.B.C.D"
BROADCAST_ADDRESS[1]=" "
INTERFACE_STATE[1]=" "
DHCP_ENABLE[1]=0
```

Monter l'interface à la main :

```
ifconfig lan0:1 A.B.C.D netmask A.B.C.D up
```

Comment savoir où est pluggué un câble sur un HP partitionné

```
root@parv4670:/$ 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	IP Address
lan0	0	btlan	100Base-TX Core	0x000f203c436a	DOWN n/c	n/c
lan7	7	iether	1000Base-T	0x001560de7728	DOWN n/c	n/c
lan8	8	iether	1000Base-T	0x001560de7729	DOWN n/c	n/c
lan9	9	iether	1000Base-T	0x001560dea8aa	UP UP	10.251.208.25
lan10	10	iether	1000Base-T	0x001560dea8ab	DOWN n/c	n/c
lan11	11	igelan	1000Base-T	0x0016353e9188	DOWN n/c	n/c
lan12	12	igelan	1000Base-T	0x0016353e9189	DOWN n/c	n/c

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

```
root@parv4670:/$ lanscan|grep lan9
5/0/11/1/0/6/0 0x001560DEA8AA 9 UP lan9 snap9 4 ETHER Yes 119
```

```
root@parv4670:/# rad -q |grep 5/0/11/1
8-0-3-8      5/0/11/1      88   133   133   On   Yes   No   Yes   PCI-X PCI-X
```

```
8: Cabinet
|
0: Bay
|
3: Chassis
|
8: Slot
```

Le **8-0-3-8** est nécessaire et suffisant pour retrouver au cul du serveur l'emplacement du lien réseau.

- Pour faire clignoter le slot:

```
/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
```

From:
<https://unix.ndlp.info/> - Where there is a shell, there is a way

Permanent link:
https://unix.ndlp.info/doku.php/informatique:nix:hp:hpux_reseau

Last update: 2017/06/28 08:24