

# Installation, attribution de cartes et adresses IP

```
[CONTEXTE] pfSense
Hypervisor: Origin = "VMwareVMware"
Done.
..... done.
Initializing..... done.
Starting device manager (devd)...done.
Loading configuration.....done.
Updating configuration.....done.
Warning: Configuration references interfaces that do not exist: em0 em1

Network interface mismatch -- Running interface assignment option.
vmx0: link state changed to UP
vmx1: link state changed to UP
vmx2: link state changed to UP

Valid interfaces are:

vmx0      00:0c:29:13:da:6e (down) VMware VMXNET3 Ethernet Adapter
vmx1      00:0c:29:13:da:78 (down) VMware VMXNET3 Ethernet Adapter
vmx2      00:0c:29:13:da:82 (down) VMware VMXNET3 Ethernet Adapter

Do VLANs need to be set up first?
If VLANs will not be used, or only for optional interfaces, it is typical to
say no here and use the webConfigurator to configure VLANs later, if required.

Should VLANs be set up now [y!n]? 
```

On met non et on attribue les cartes.

```

Bootup complete

FreeBSD/amd64 (pfSense.localdomain) (ttyv0)

VMware Virtual Machine - Netgate Device ID: cb8523ed66fa3073e618

*** Welcome to pfSense 2.4.5-RELEASE-p1 (amd64) on pfSense ***

WAN (wan)          -> vmx0          -> v4/DHCP4: 192.168.199.109/24
                                   v6/DHCP6: 2a01:cb08:8b8a:6100:20c:29ff:fe13:da
6e/64
LAN (lan)          -> vmx1          -> v4: 192.168.1.1/24
OPT1 (opt1)        -> vmx2          ->

0) Logout (SSH only)          9) pfTop
1) Assign Interfaces          10) Filter Logs
2) Set interface(s) IP address 11) Restart webConfigurator
3) Reset webConfigurator password 12) PHP shell + pfSense tools
4) Reset to factory defaults   13) Update from console
5) Reboot system              14) Enable Secure Shell (sshd)
6) Halt system                15) Restore recent configuration
7) Ping host                  16) Restart PHP-FPM
8) Shell

Enter an option: █

```

On attribue ensuite des adresses IP en choisissant l'option 2.

```

Available interfaces:

1 - WAN (vmx0 - dhcp, dhcp6)
2 - LAN (vmx1 - static)
3 - OPT1 (vmx2)

Enter the number of the interface you wish to configure: 1

Configure IPv4 address WAN interface via DHCP? (y/n) n

Enter the new WAN IPv4 address. Press <ENTER> for none:
> 192.168.199.5

Subnet masks are entered as bit counts (as in CIDR notation) in pfSense.
e.g. 255.255.255.0 = 24
     255.255.0.0   = 16
     255.0.0.0     = 8

Enter the new WAN IPv4 subnet bit count (1 to 31):
> 24

For a WAN, enter the new WAN IPv4 upstream gateway address.
For a LAN, press <ENTER> for none:
> █

```

On rentre une passerelle pour l'accès Internet.

On fait de même pour les autres cartes.

```
DHCPD...

The IPv4 OPT1 address has been set to 10.1.9.254/24

Press <ENTER> to continue.
VMware Virtual Machine - Netgate Device ID: cb8523ed66fa3073e618

*** Welcome to pfSense 2.4.5-RELEASE-p1 (amd64) on pfSense ***

WAN (wan)          -> vmx0          -> v4: 192.168.199.5/24
                   v6: 2a01:cb08:8b8a:6100:20c:29ff:fe13:da6e/64
LAN (lan)           -> vmx1          -> v4: 10.1.1.254/24
OPT1 (opt1)         -> vmx2          -> v4: 10.1.9.254/24

0) Logout (SSH only)      9) pfTop
1) Assign Interfaces      10) Filter Logs
2) Set interface(s) IP address 11) Restart webConfigurator
3) Reset webConfigurator password 12) PHP shell + pfSense tools
4) Reset to factory defaults 13) Update from console
5) Reboot system          14) Enable Secure Shell (sshd)
6) Halt system            15) Restore recent configuration
7) Ping host              16) Restart PHP-FPM
8) Shell

Enter an option: █
```

Revision #2

Created 13 March 2021 13:08:27 by Khroners

Updated 5 July 2021 15:28:36 by Khroners