## Installation de pfsense :

Tout d'abord je crée la machine virtuelle et la lance. Ci-joint les caractéristiques de Pfsnese, comme vous le voyez j'ai ajouté un adaptateur réseau a fin de connecter le router a internet et connecter les machines sur le réseau que nous allons configurer.

Hardware		×
Hardware	Summary 256 MB 1 Auto detect NAT Present Auto detect Auto detect Auto detect	Device status         Connected         Connection         Bridged: Connected directly to the physical network         Replicate physical network connection state         NAT: Used to share the host's IP address         Host-only: A private network shared with the host         Custom: Specific virtual network         VMnet0         LAN Segment1
		Close Help

Je lance la machine virtuelle.



Je lance l'installation et choisi le bon disque sur lequel installer l'iso.

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	"pfSense" is a registered trademark of ESF, exclusively licensed to Netgate, and may not be used without the prior express written permission of ESF and/or Netgate. All other trademarks shown herein are
	[Accept]

Partition EditorCreate partitions for pfSense, F1 for help.No changes will be made until you select Finish.
da0 20 GB
[Create] [Delete] [Modify] [Revert] [ Auto ] [Finish]

J'attend que l'installation termine et que la machine redémarre.

pfSense Installer	
	base.txz [ 8% ]
	Extracting distribution files
<b>4334</b> files :	read @ 1083.5 files∕sec.

## Une foi redémarrée voici le visuel.

Starting syslogdone. Starting CRON done. pfSense 2.7.2-RELEASE amd64 20231206- Bootup complete	2818
FreeBSD/amd64 (pfSense.home.arpa) (tt	( 844
VMware Virtual Machine – Netgate Devi	ce ID: 1944fde841fe5a9e625e
*** Welcome to pfSense 2.7.2-RELEASE	(amd64) on pfSense ***
UAN (µan) -> em8 -> v4. LAN (lan) -> em1 -> v4:	DHCP4: 192,168.133.138/24 192.168.1.1/24
<ul> <li>Ø) Logout (SSH only)</li> <li>1) Assign Interfaces</li> <li>2) Set interface(s) IP address</li> <li>3) Reset webConfigurator password</li> <li>4) Reset to factory defaults</li> <li>5) Reboot system</li> <li>6) Halt system</li> <li>7) Ping host</li> <li>8) Shell</li> <li>Enter an option:</li> </ul>	9) pfTop 10) Filter Logs 11) Restart webConfigurator 12) PHP shell + pfSense tools 13) Update from console 14) Enable Secure Shell (sshd) 15) Restore recent configuration 16) Restart PHP-FPM

J'appuie sur l'option deux a fin de configurer les adresses IP, je garde le WAN en DHCP et configure mon LAN en 192.168.1.254/24.

Enter an option: 2
Available interfaces:
1 – WAN (ем0 – dhcp, dhcp6) 2 – LAN (ем1 – static)
Enter the number of the interface you wish to configure: 2
Configure IPv4 address LAN interface via DHCP? (y/n) n
Enter the new LAN IPv4 address. Press <enter> for none: &gt; 192.168.1.254</enter>
Subnet masks are entered as bit counts (as in CIDR notation) in pfSense e.g. 255.255.255.0 = 24
253.253.8.8 = 10 255.8.8.8 = 8
Enter the new LAN IPv4 subnet bit count (1 to 32): $> 24$
For a WAN, enter the new LAN IPv4 upstream gateway address. For a LAN, press <enter> for none: &gt; ■</enter>