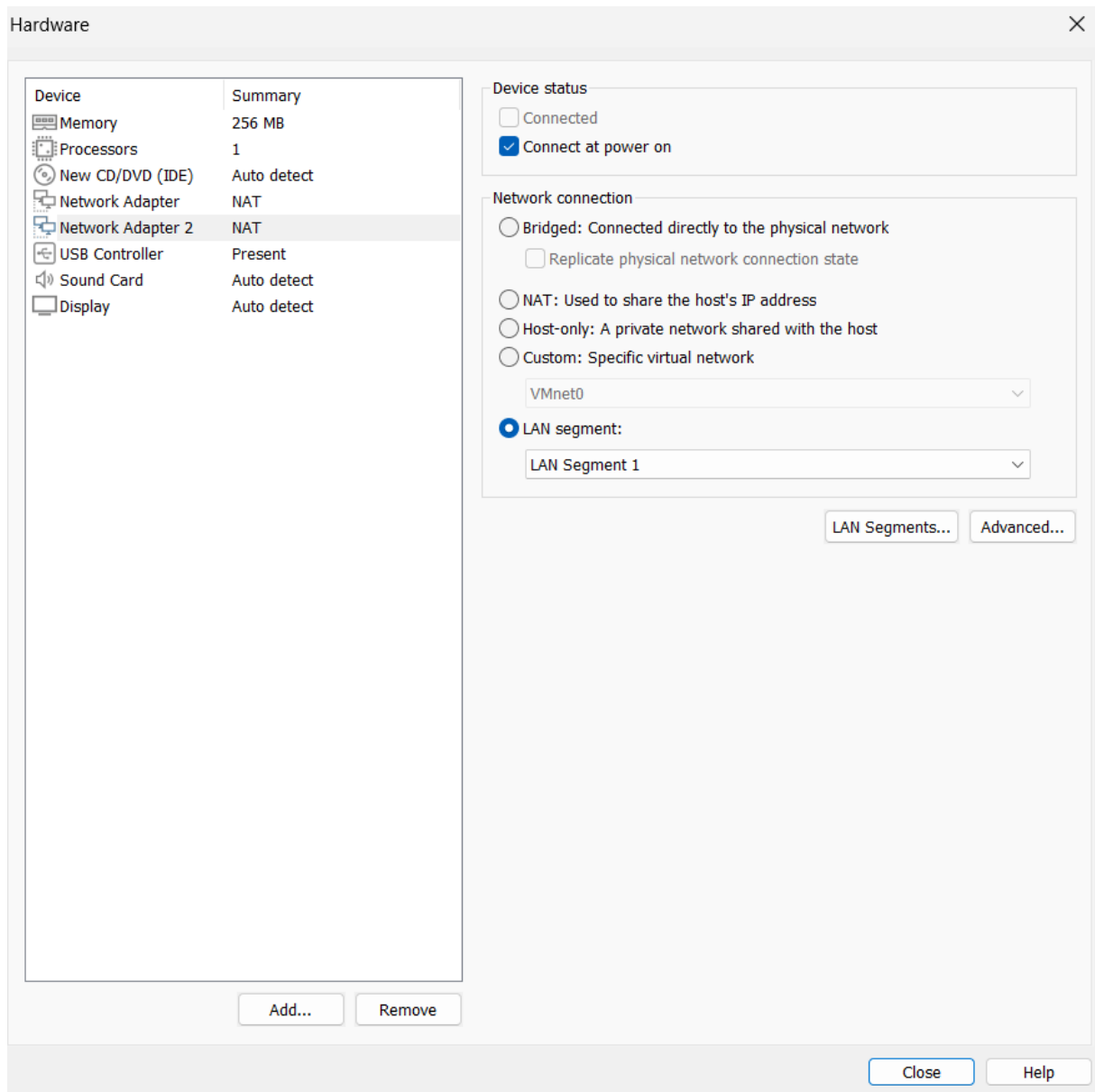
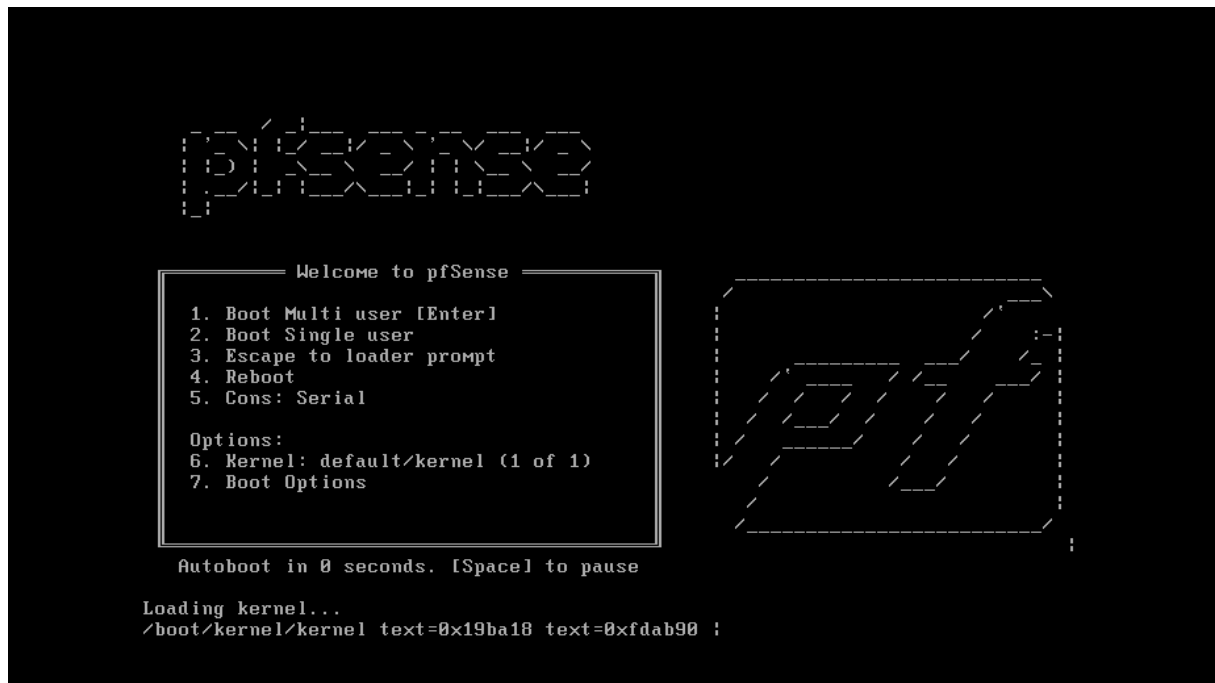


Installation de pfsense :

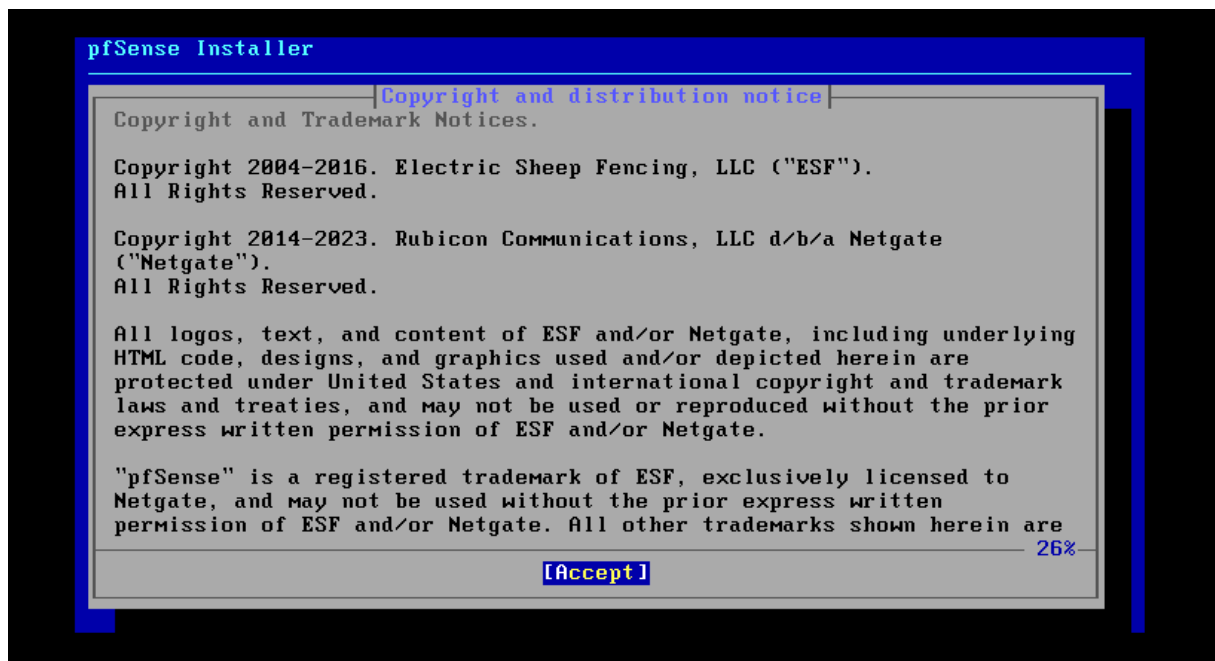
Tout d'abord je crée la machine virtuelle et la lance. Ci-joint les caractéristiques de Pfsense, comme vous le voyez j'ai ajouté un adaptateur réseau afin de connecter le router à internet et connecter les machines sur le réseau que nous allons configurer.

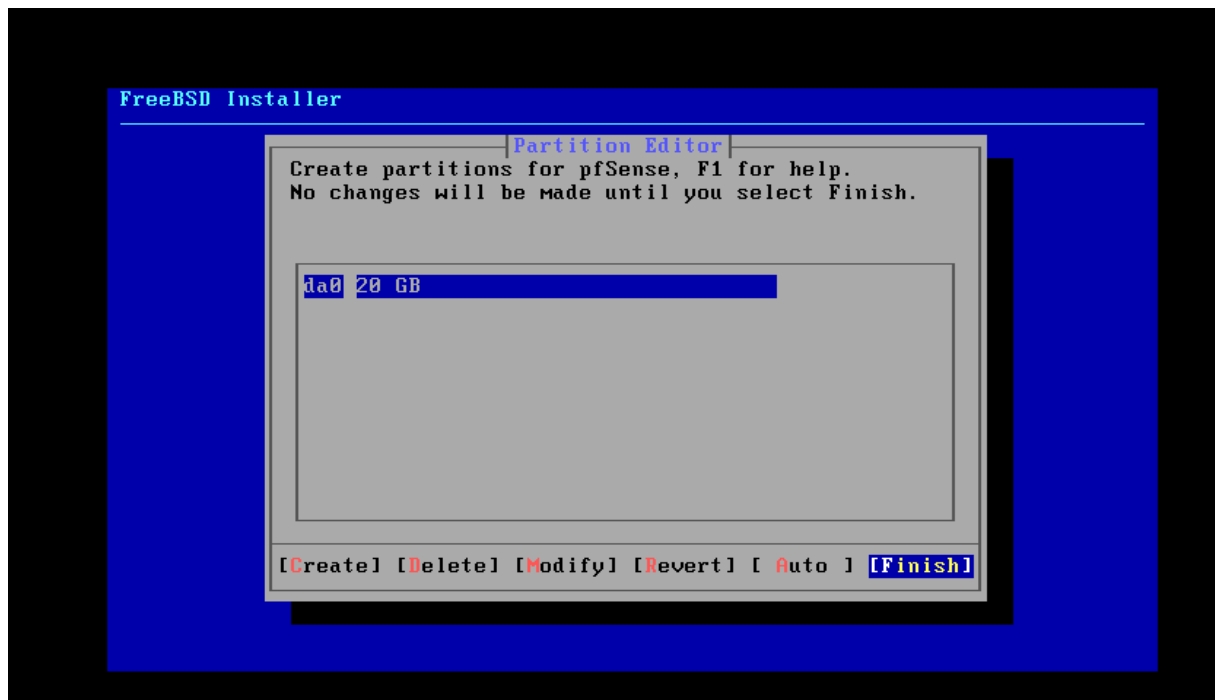


Je lance la machine virtuelle.

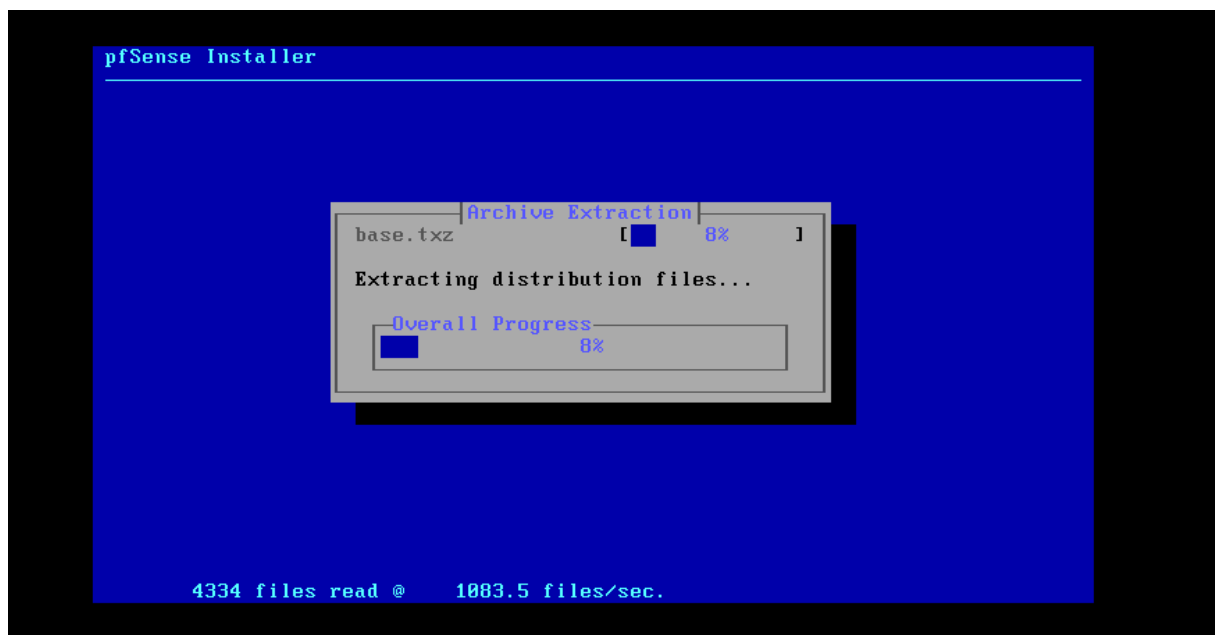


Je lance l'installation et choisis le bon disque sur lequel installer l'iso.





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



Une fois redémarrée voici le visuel.

```
Starting syslog...done.
Starting CRON... done.
pfSense 2.7.2-RELEASE amd64 20231206-2010
Bootup complete

FreeBSD/amd64 (pfSense.home.arp) (ttyv0)

UMware Virtual Machine - Netgate Device ID: 1944fde841fe5a9e625e

*** Welcome to pfSense 2.7.2-RELEASE (amd64) on pfSense ***

WAN (wan)      -> em0      -> v4/DHCP4: 192.168.133.138/24
LAN (lan)      -> em1      -> v4: 192.168.1.1/24

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: █
```

J'appuie sur l'option deux afin 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 (em0 - dhcp, dhcp6)
2 - LAN (em1 - 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:
> 192.168.1.254

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 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:
> █
```