

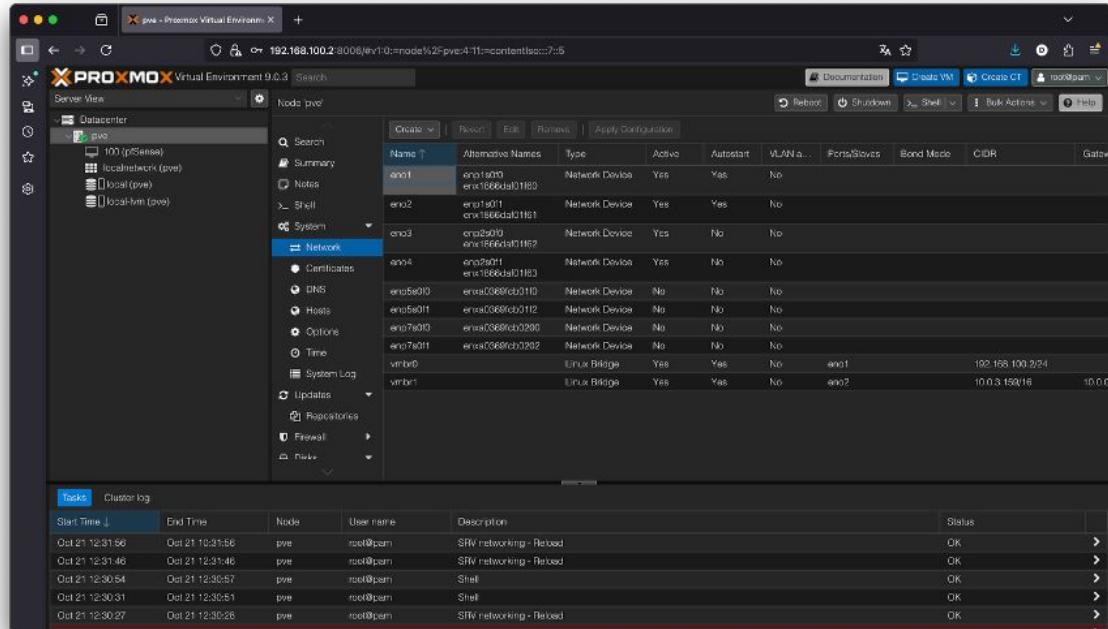
Installation de pfSense

Vous retrouverez une image et une indication pour chacune des étapes d'installation.

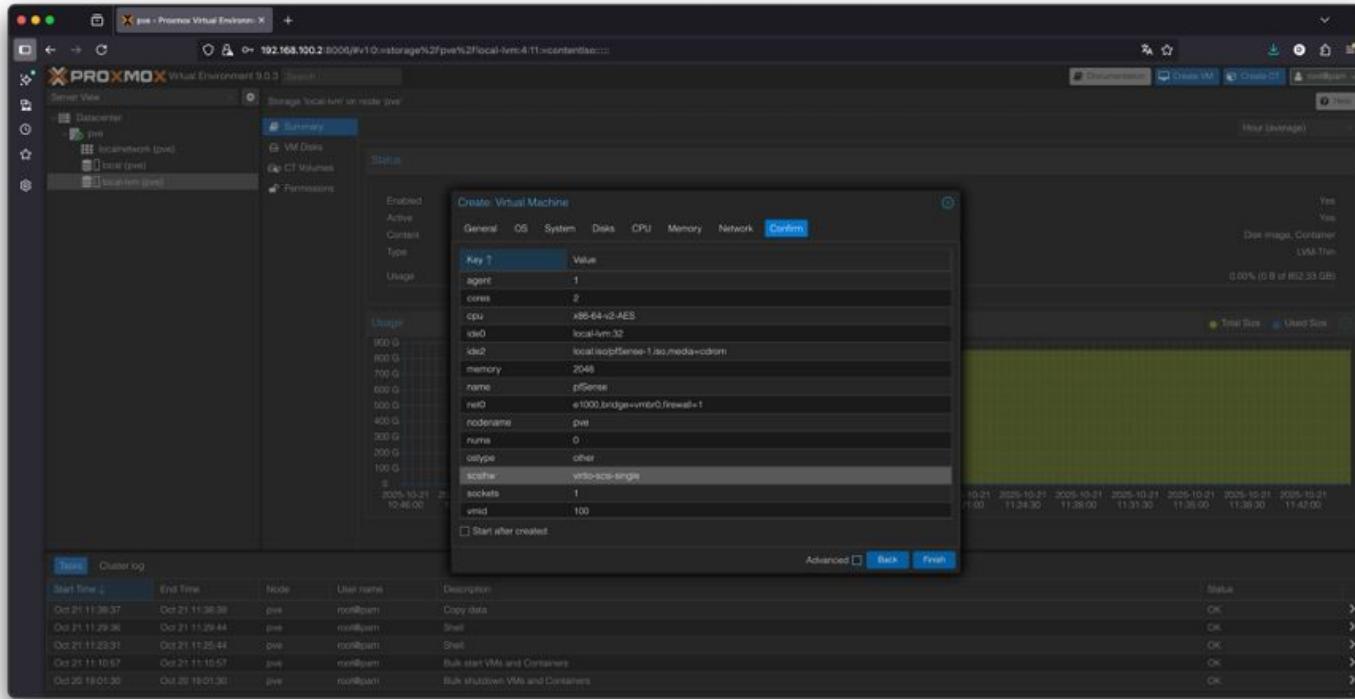
Configuration des interfaces LAN / WAN dans Proxmox

Configuration du réseau

- Vmbr0 = LAN branché à la prise 15 de la salle de classe
- Vmbr1 = WAN branché au switch)
- Passerelle WAN : 10.0.0.1



Création de la VM pfSense



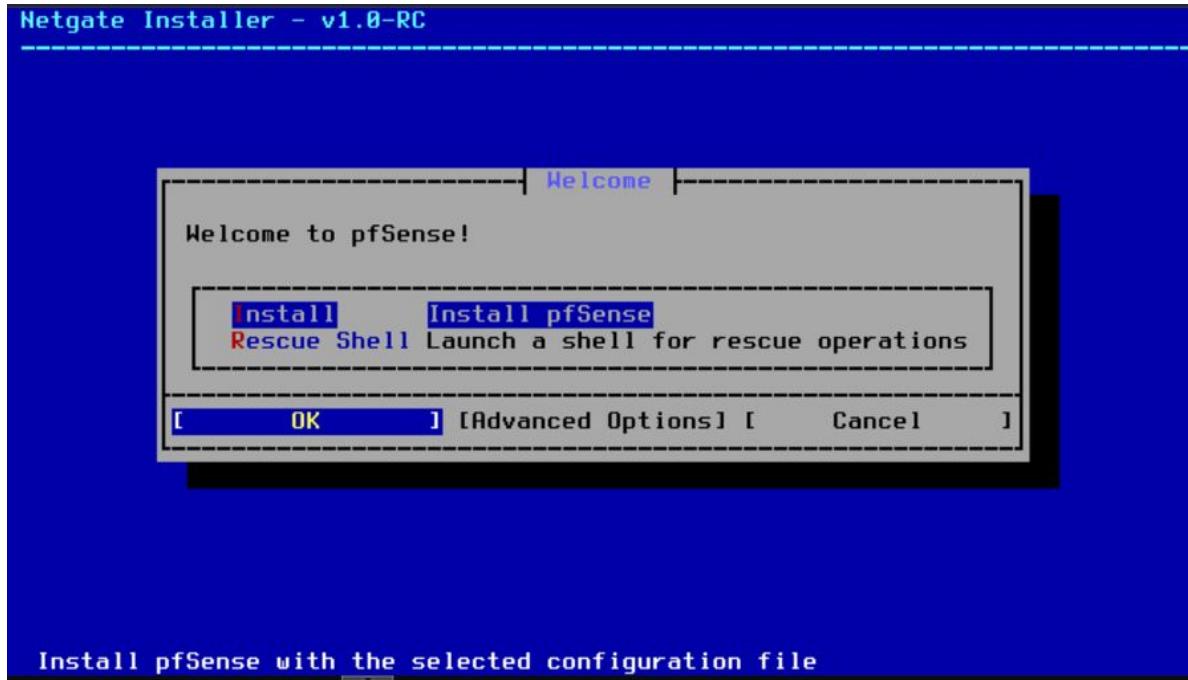
Ajout des interfaces (LAN et WAN)



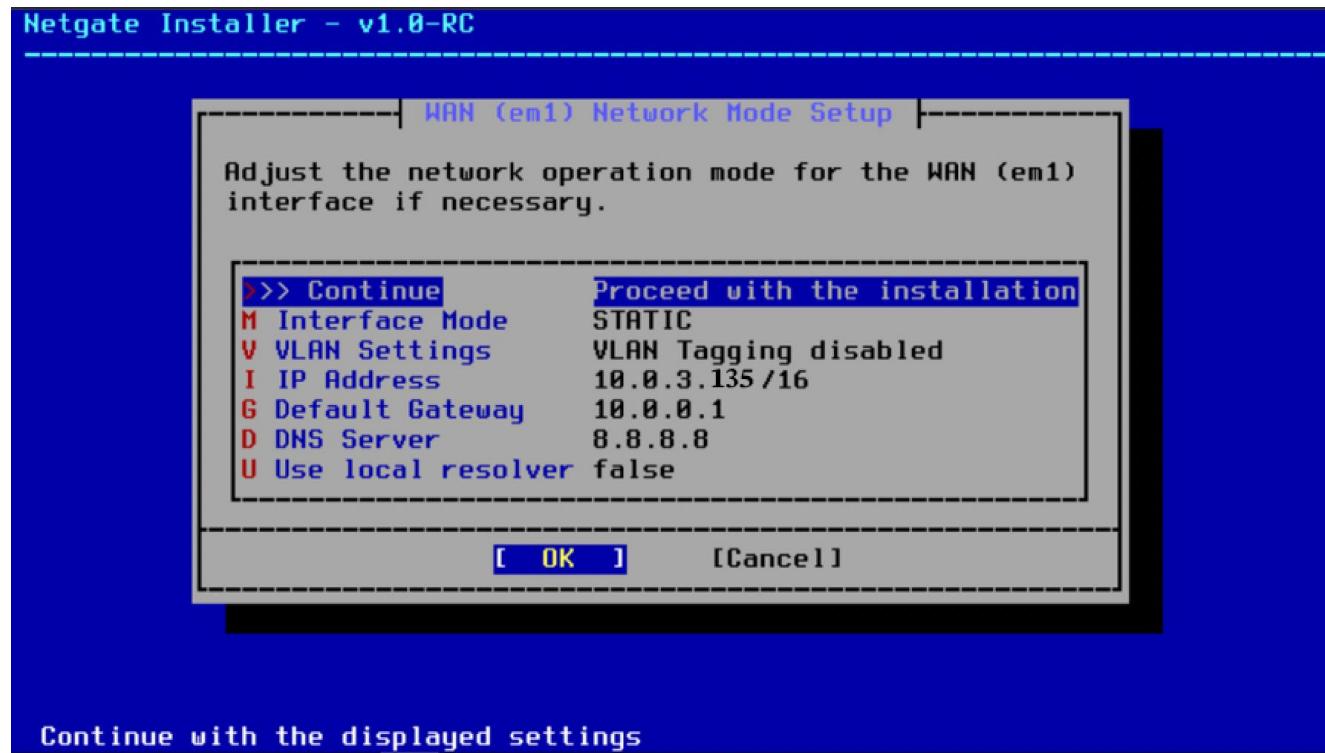
Console	Memory	2.00 GiB
Hardware	Processors	2 (1 sockets, 2 cores) [x86-64-v2-AES]
Cloud-Init	BIOS	Default (SeaBIOS)
Options	Display	Default
Task History	Machine	Default (i440fx)
Monitor	SCSI Controller	VirtIO SCSI single
Backup	Hard Disk (ide0)	local:lvm:vm-100-disk-0,size=32G
Replication	CD/DVD Drive (ide2)	local:iso/pfSense-1.iso,media=cdrom,size=966536K
Snapshots	Network Device (net0)	e1000=BC:24:11:81:00:C2,bridge=vmbr0,firewall=1
	Network Device (net1)	e1000=BC:24:11:11:8F:F6,bridge=vmbr1,firewall=1

Lancer la VM

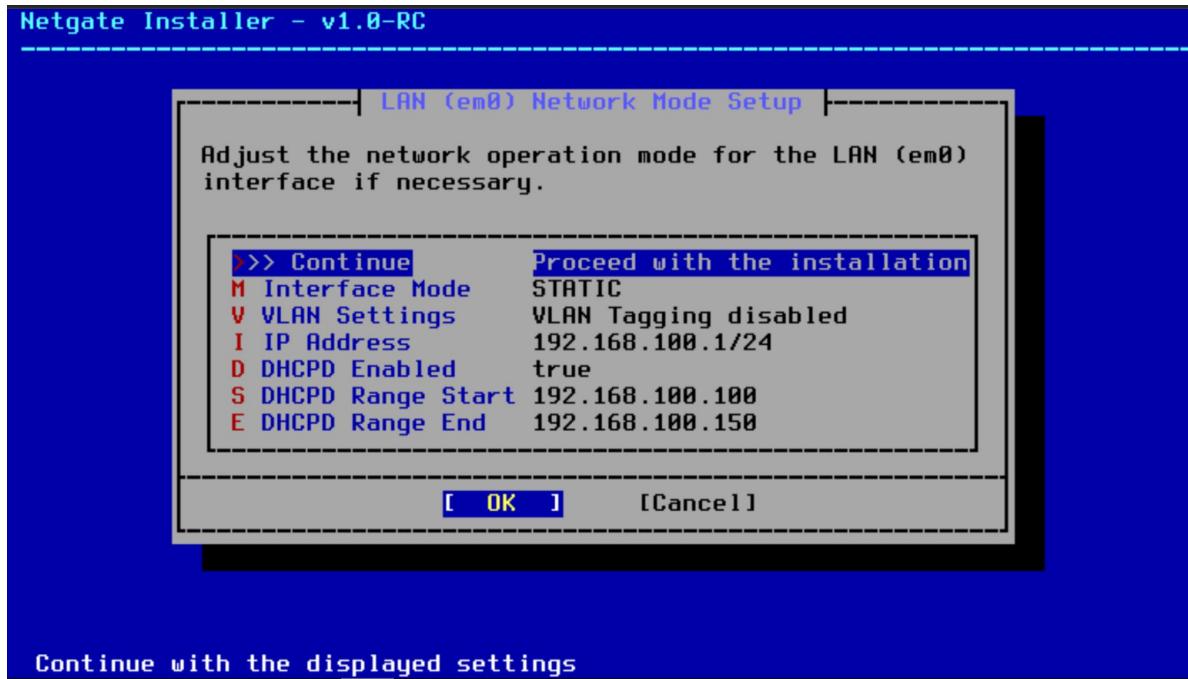
Installation pfSense (v 2.8.1 CE edition)



Interface WAN renseigner une IP static si disponible, sinon faire DHCP et ajouter l'IP static plus tard



Interface LAN avec pool DHCP



```
WAN -> em1
LAN -> em0

Do you want to proceed [y/n]? y

Writing configuration...done.
One moment while the settings are reloading... done!
QEMU Guest - Netgate Device ID: 1cc5f9081c1d20aebacf

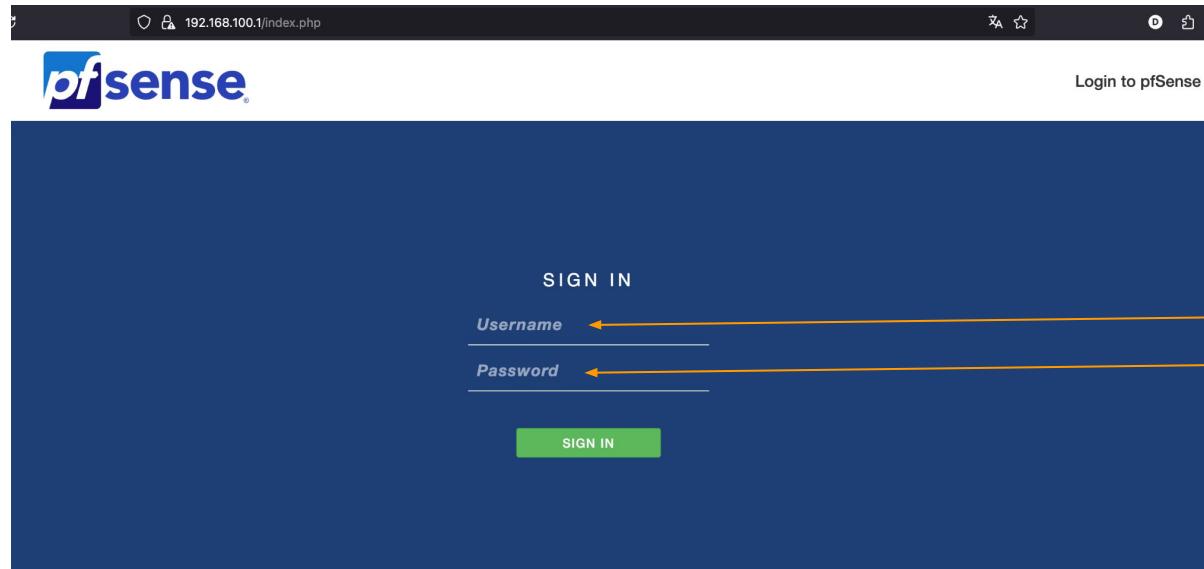
*** Welcome to pfSense 2.8.1-RELEASE (amd64) on pfSense ***

WAN (wan) -> em1 ->
LAN (lan) -> em0 -> v4: 192.168.100.1/24

0) Logout / Disconnect SSH          9) pfTop
1) Assign Interfaces                 10) Filter Logs
2) Set interface(s) IP address      11) Restart GUI
3) Reset admin account and 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: █
```

Accéder à pfSense via son IP dans son interface LAN



Status / Dashboard



System Information



Name	pfSense.bts.sio
User	admin@192.168.100.99 (Local Database)
System	QEMU Guest Netgate Device ID: 1cc5f9081c1d20aebacf
BIOS	Vendor: Seabios Version: rel-1.16.3-0-ga6ed6b701f0a-prebuilt.qemu.org Release Date: Tue Apr 1 2014 Boot Method: BIOS
Version	2.8.1-RELEASE (amd64) built on Tue Sep 9 16:29:00 UTC 2025 FreeBSD 15.0-CURRENT The system is on the latest version. Version information updated at Wed Oct 29 11:26:00 UTC 2025
CPU Type	QEMU Virtual CPU version 2.5+ 4 CPUs : 1 package(s) x 4 core(s) AES-NI CPU Crypto: Yes (inactive) QAT Crypto: No

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Contract type **Community Support**
Community Support Only

NETGATE AND pfSense COMMUNITY SUPPORT RESOURCES

If you purchased your pfSense gateway firewall appliance from Netgate and elected **Community Support** at the point of sale or installed pfSense on your own hardware, you have access to various community support resources. This includes the [NETGATE RESOURCE LIBRARY](#).

You also may upgrade to a Netgate Global Technical Assistance Center (TAC) Support subscription. We're always on! Our team is staffed 24x7x365 and committed to delivering enterprise-class, worldwide support at a price point that is more than competitive when compared to others in our space.

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