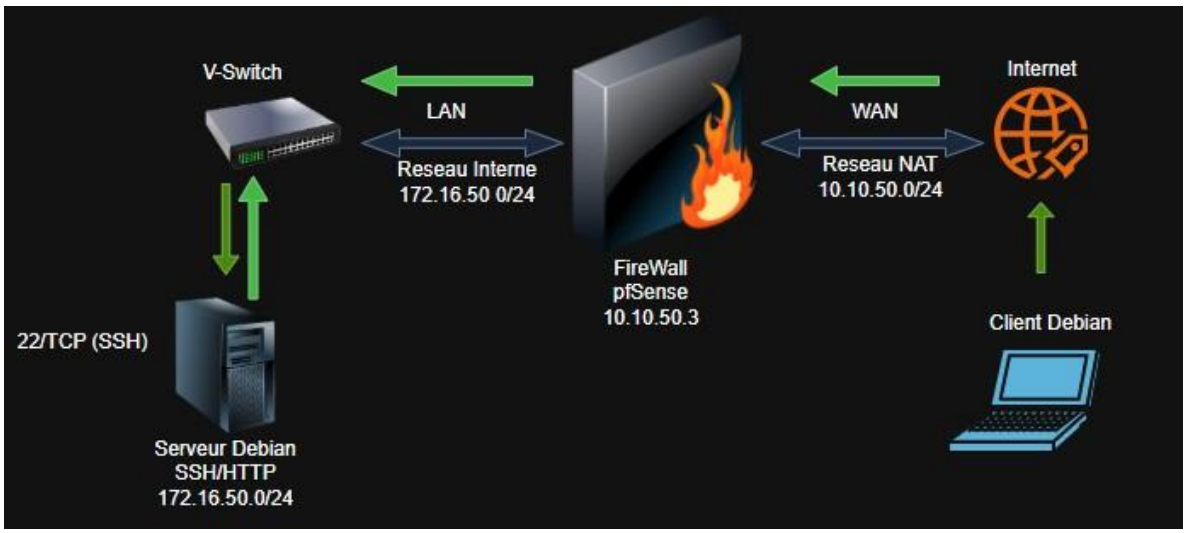
Pare-feu pfSense & Redirection

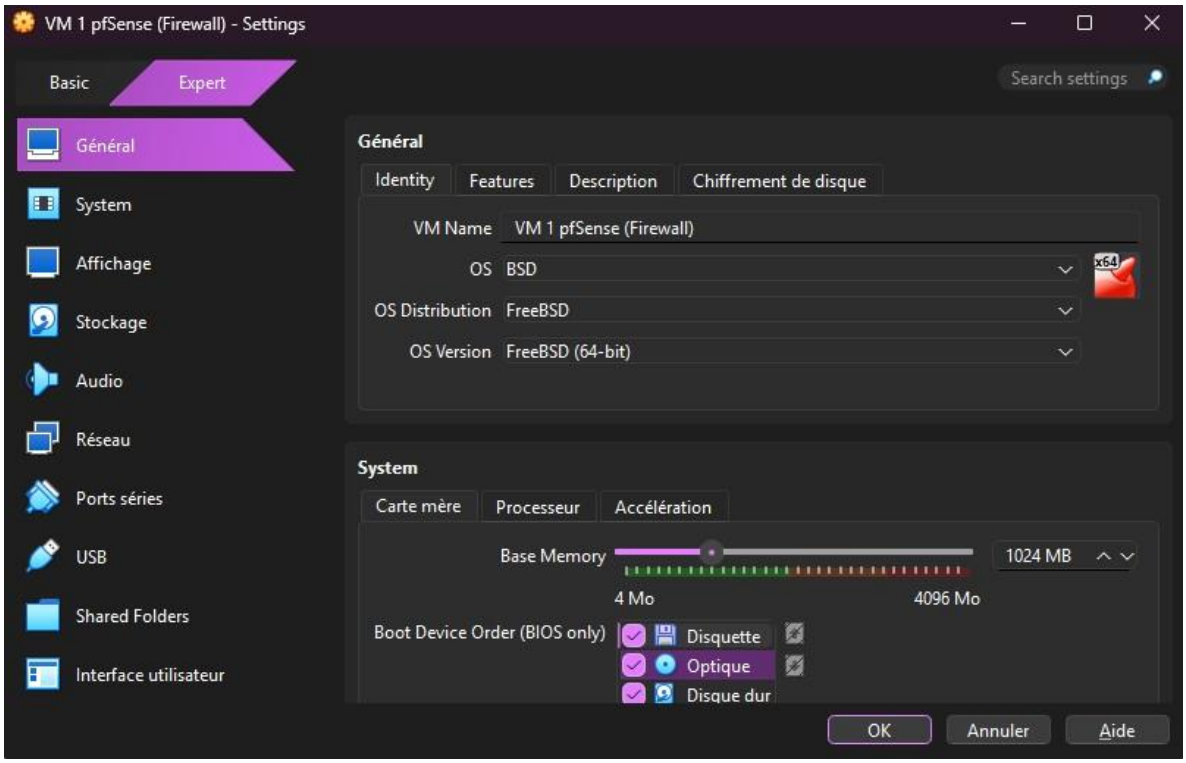
Paula Andrea Contreras Ovalle
IRIS ECOLE SUPERIEURE D'INFORMATIQUE TOULOUSE

Schéma du LAB sur Draw.io :

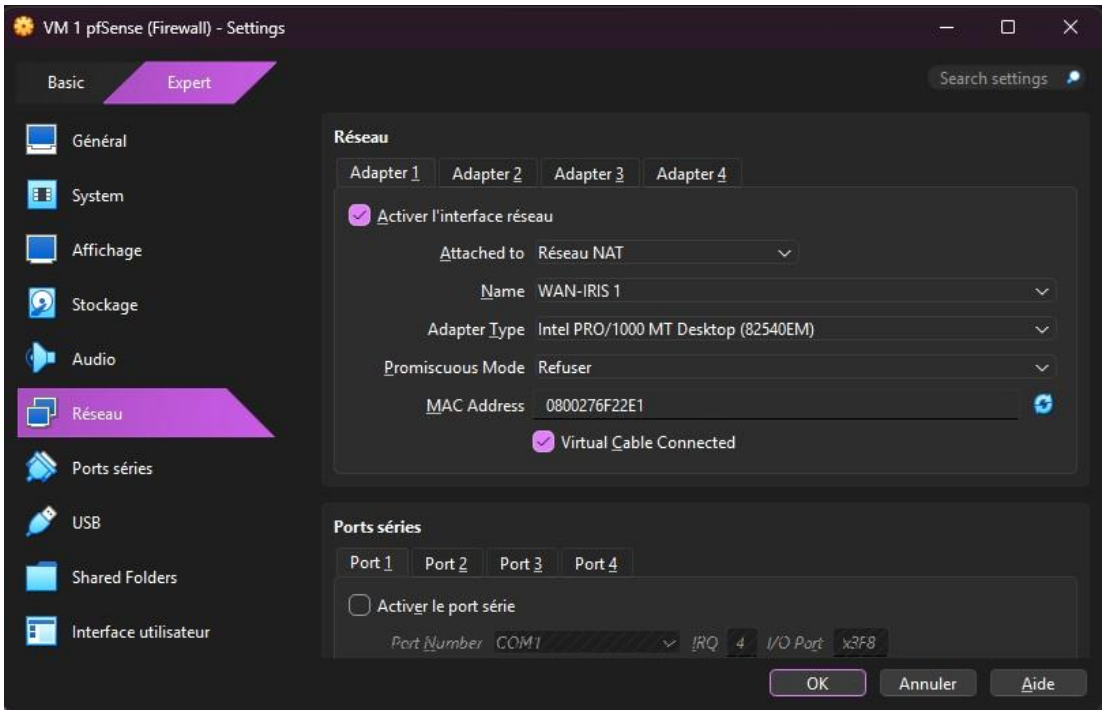


Configuration des réseaux :

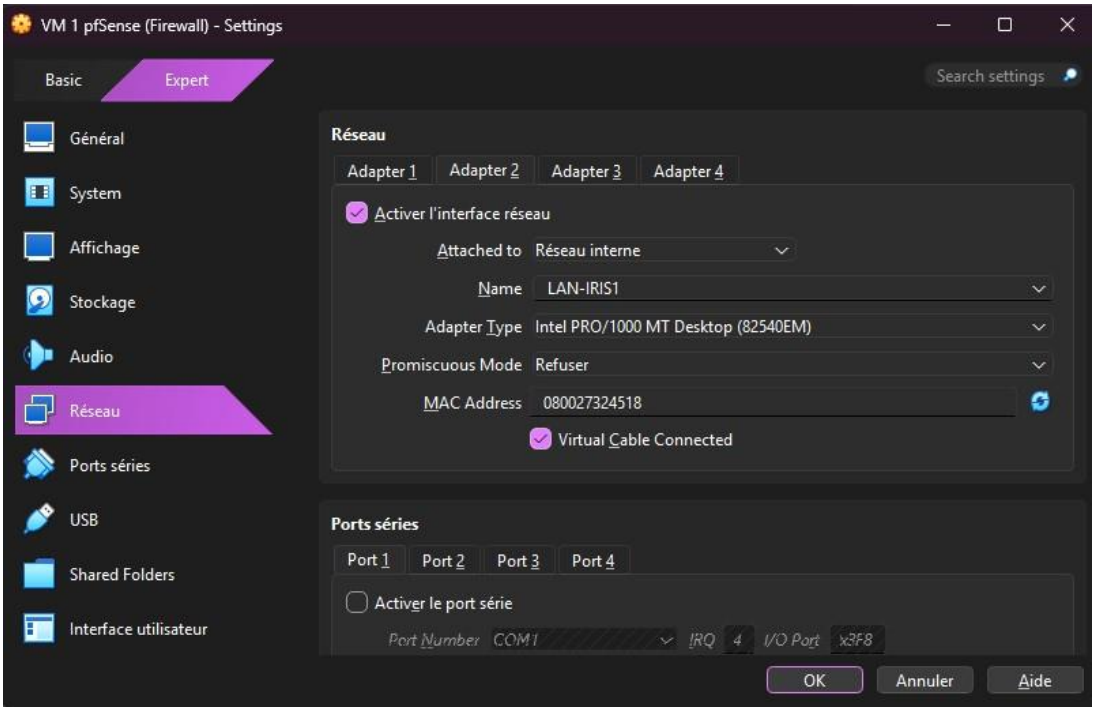
VM 1 – pfSense (Firewall)



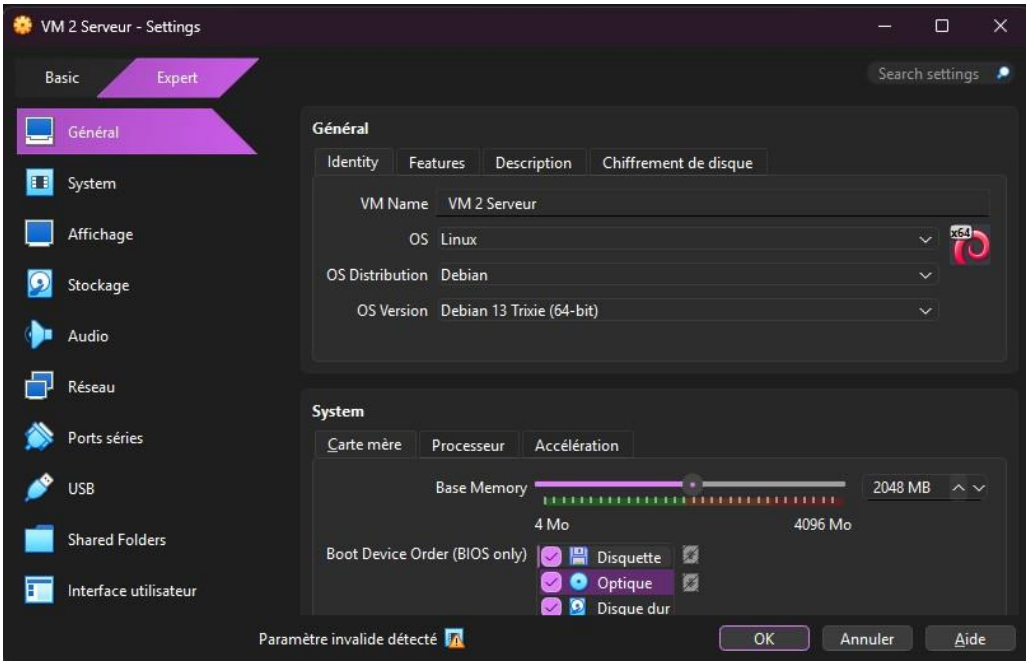
Reseau Adapter 1 :



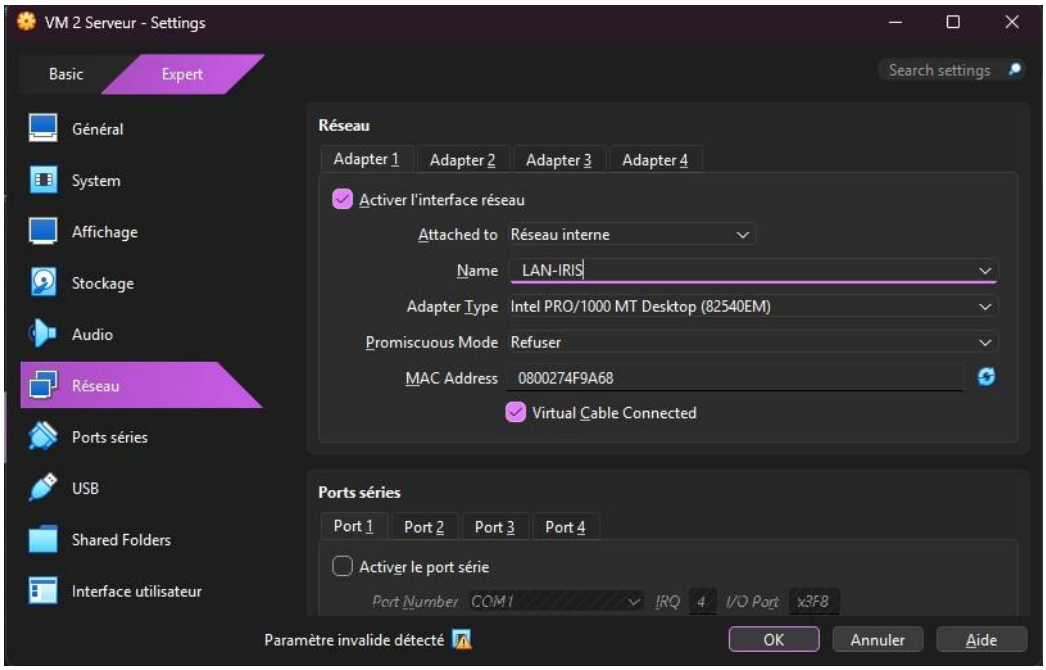
Reseau Adapter 2 :



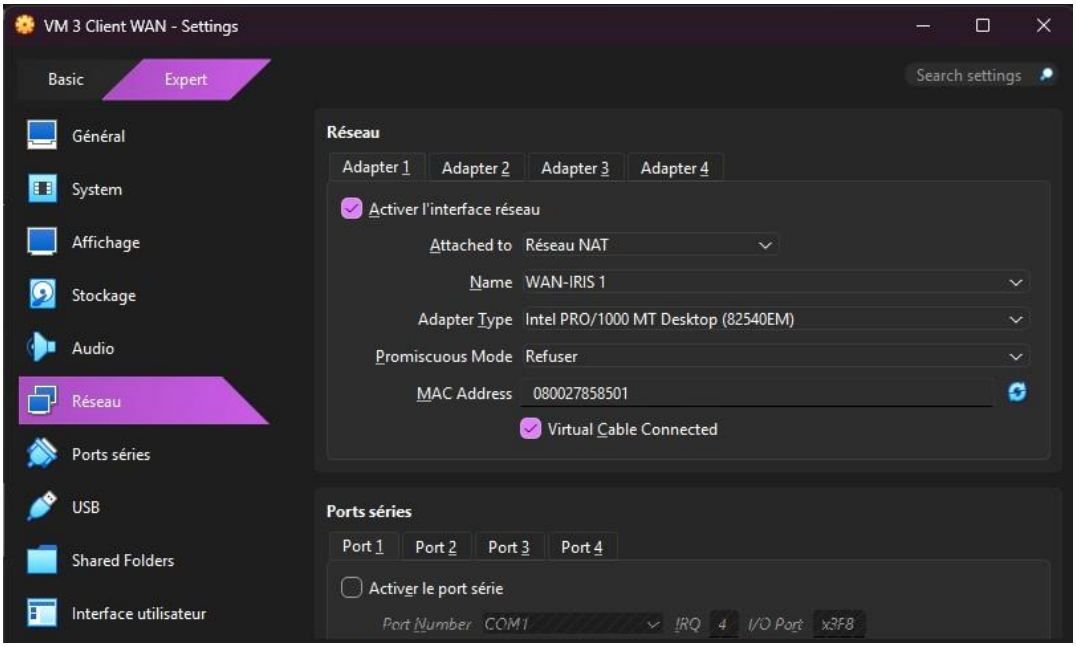
VM2 Serveur :



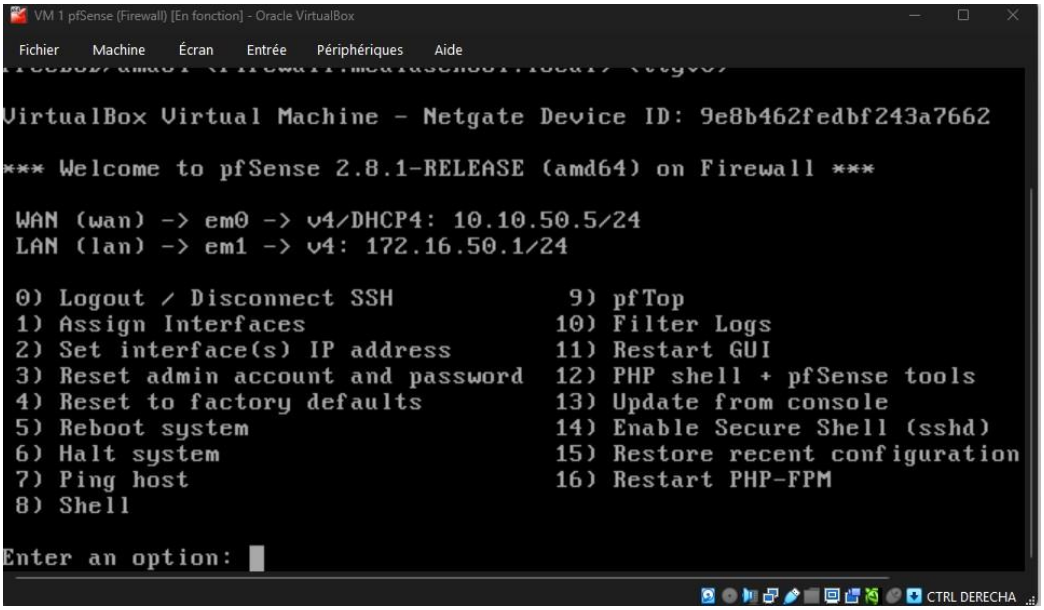
Réseau Adapter 1 :



VM3 Client WAN :



Étape 2 – Installation et configuration de pfSense :

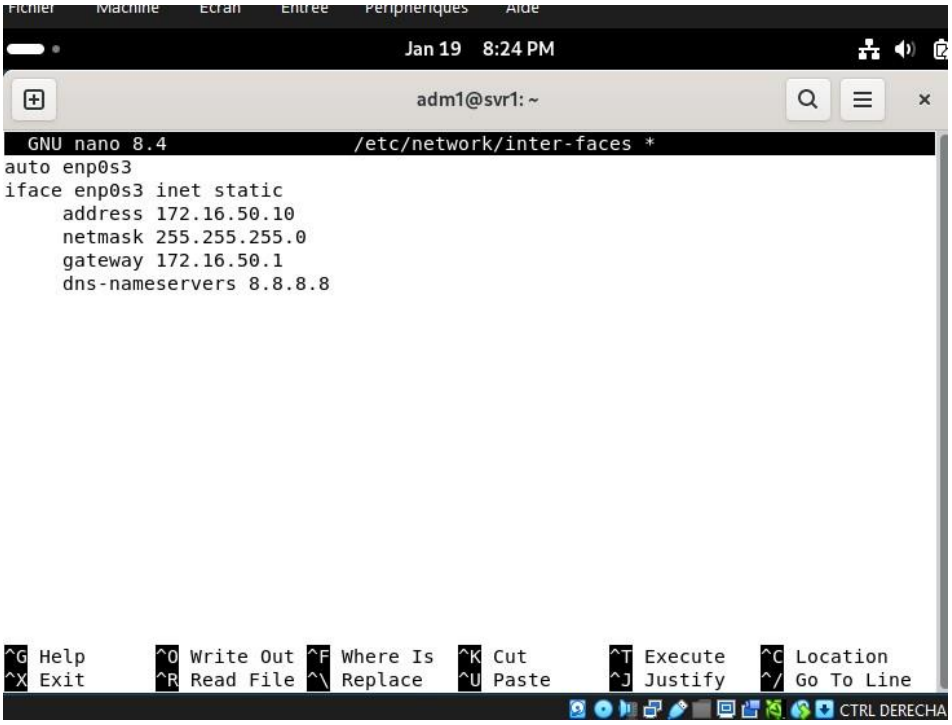


Étape 3 – Configuration du serveur Linux (Debian)

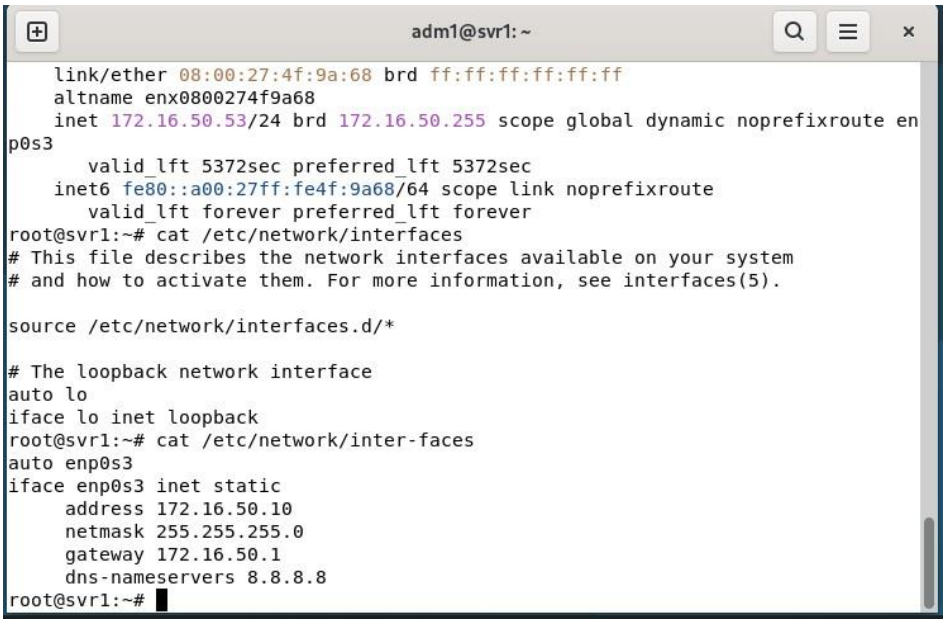
Configuration réseau

Éditer le fichier réseau

J'ai modifié les informations en utilisant la commande : **sudo nano /etc/network/interfaces**



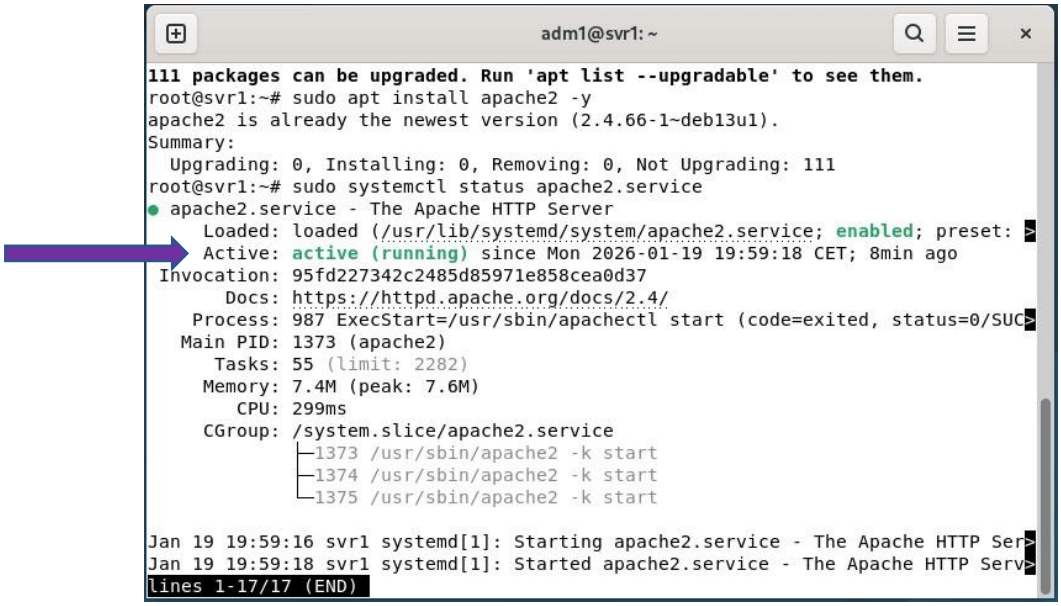
On utilise la commande : **cat /etc/network/interfaces** pour vérifier si les informations ont changé.



Installation d'Apache2

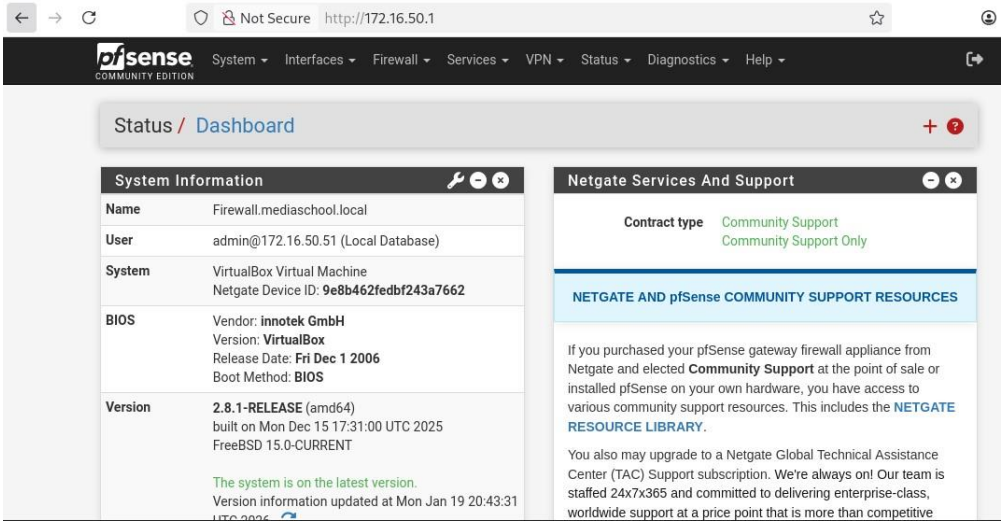
Pour réaliser l'installation, j'ai utilisé les commandes suivantes :

- **sudo apt update**
- **sudo apt install apache2 -y**
- **sudo systemctl status apache2.service**

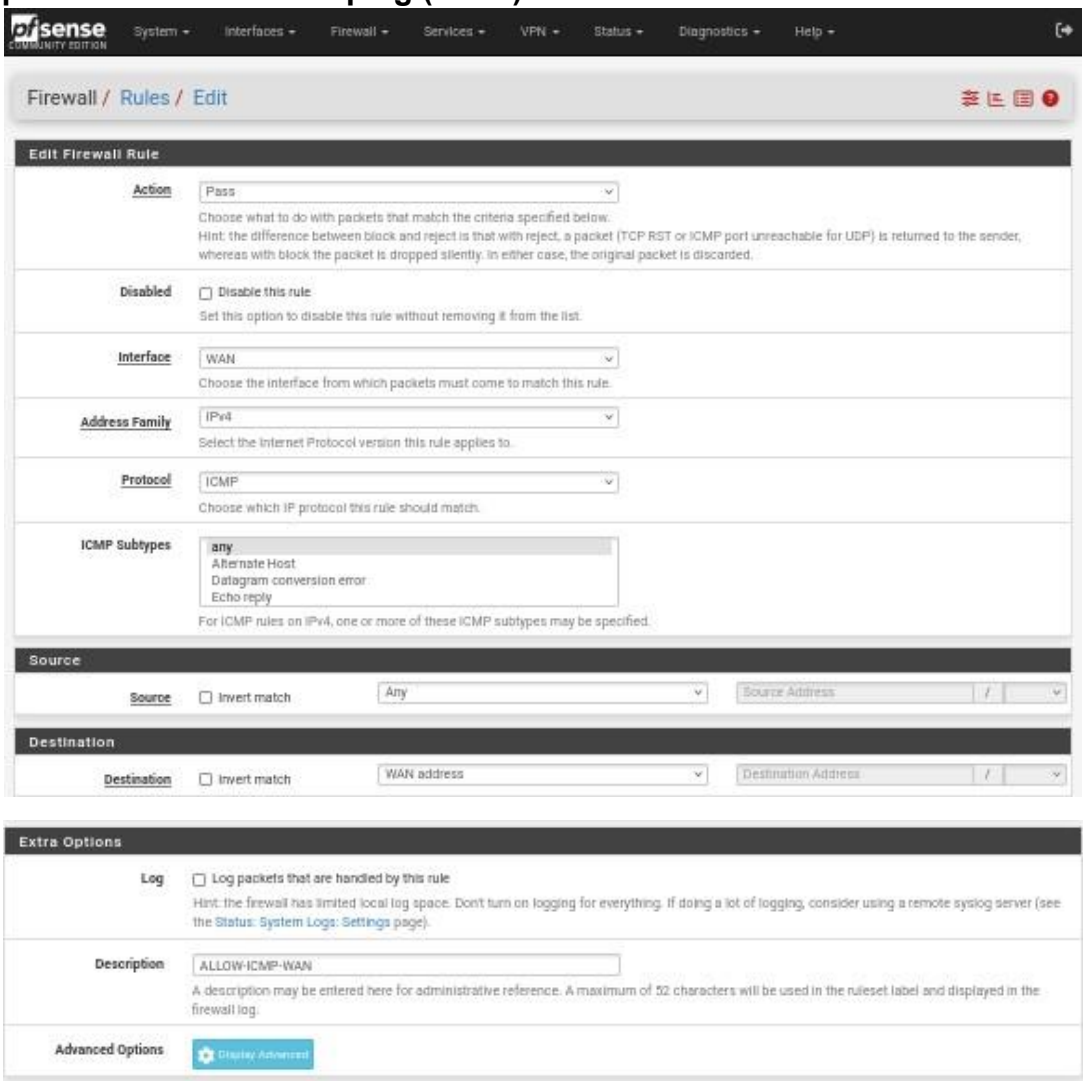


Étape 4 – Accès à l'interface Web pfSense

Depuis le serveur Linux : - Navigateur Web → https://172.16.50.1

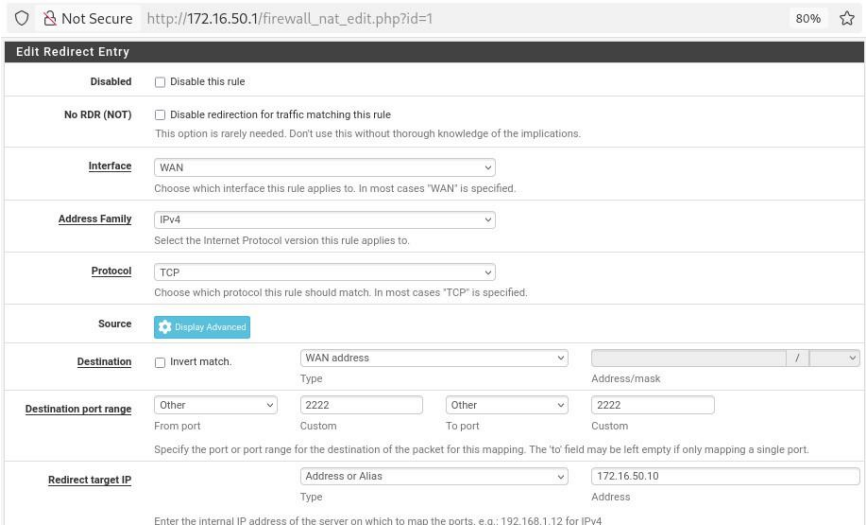


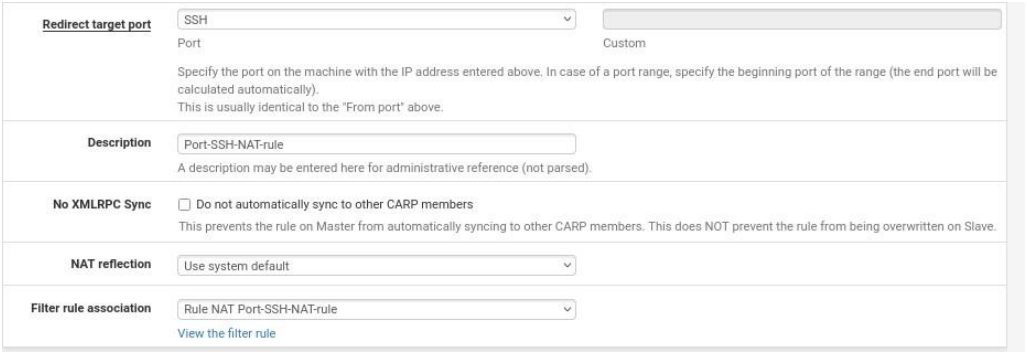
Étape 5 – Autorisation du ping (ICMP) sur le WAN



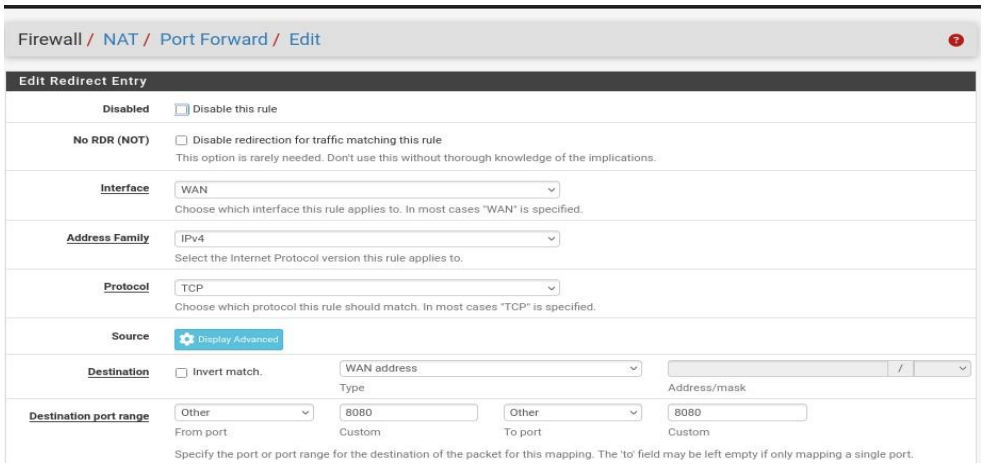
Étape 6 – Redirection de ports (NAT)

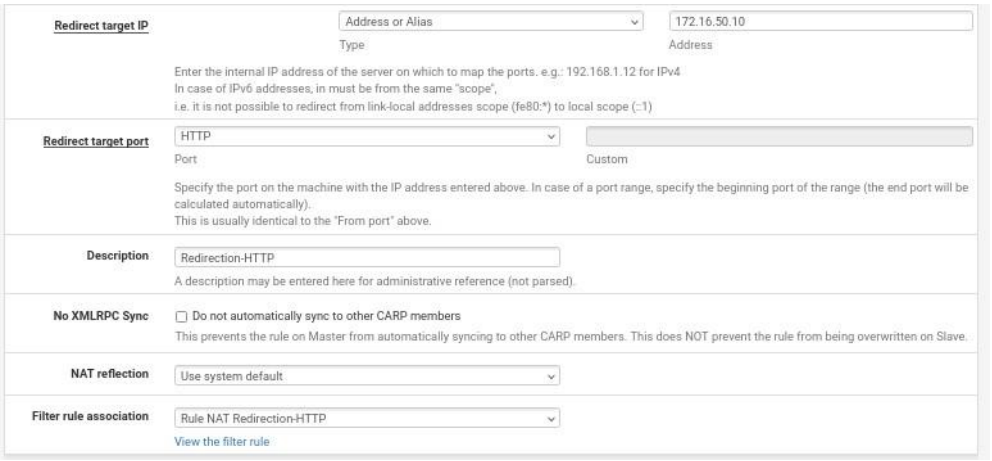
Redirection SSH Firewall



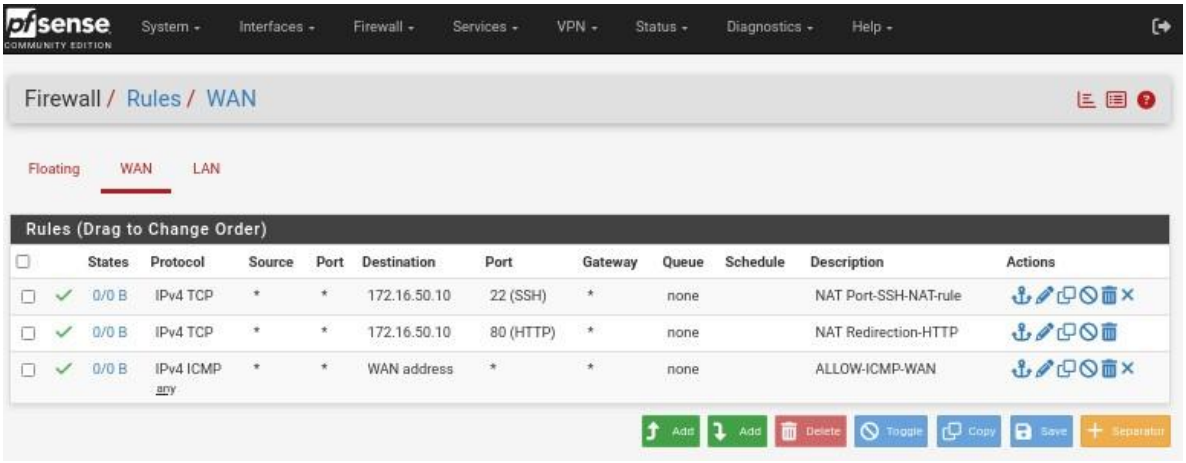


Redirection HTTP

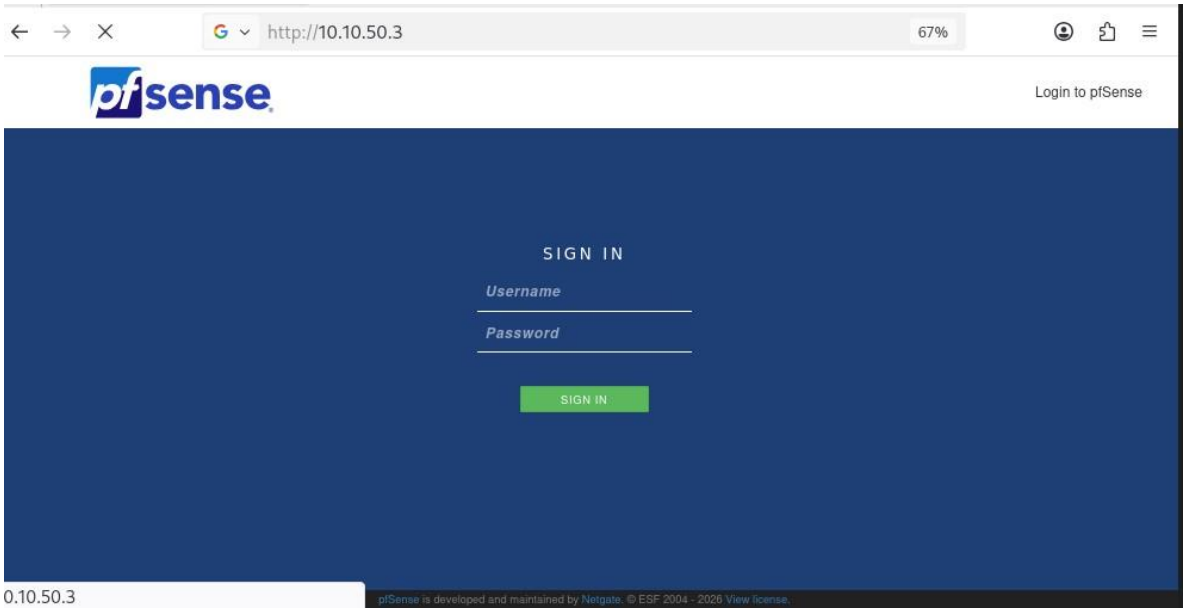




Règles



Étape 7 – Test depuis le client WAN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67%
pfsense
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Username
Password
SIGN IN
0.10.50.3
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