



SACCHETTO Vladimir BTS SIO 1^{ère} année

U6 – CYBERSECURITE DES SERVICES INFORMATIQUES

CONFIGURATION PF_SENSE SUR RESEAU LAN

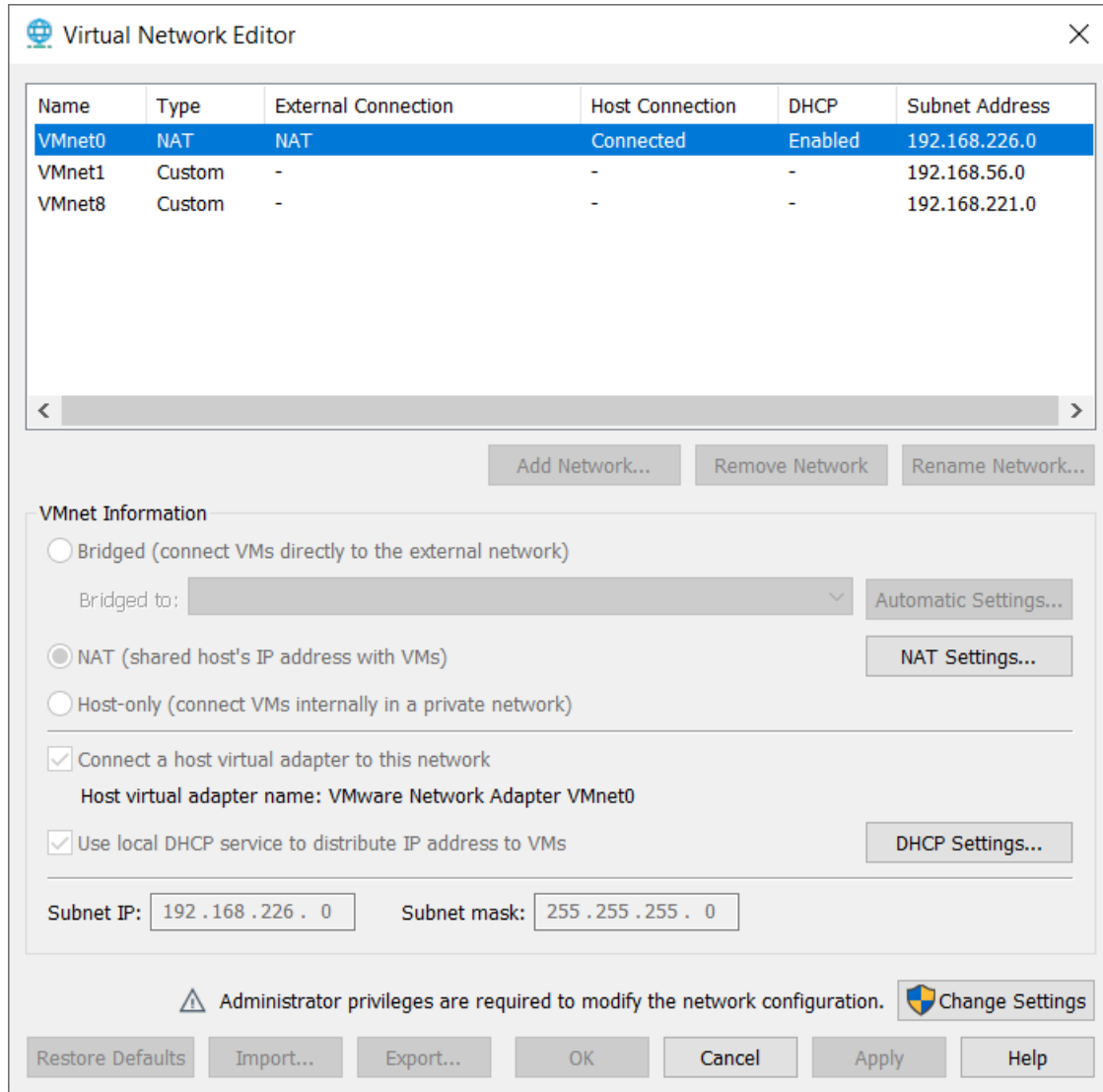
DOCUMENT DE CAS D'UTILISATION

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 - 4.2 Configuration du Groupe et des Utilisateurs autorisés à se connecter au Portail Captif

1. Configuration du réseau de VMWare

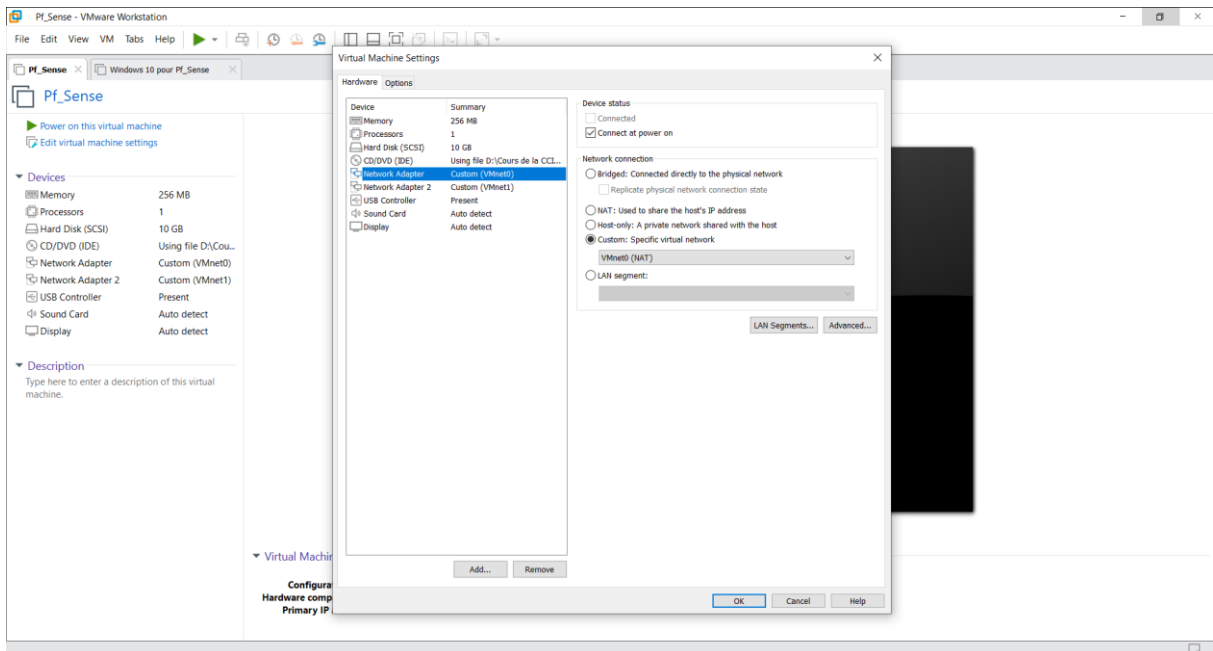
Nous allons tout d'abord configurer les cartes réseaux de notre paramétrage sur l'outil de virtualisation, dans notre cas VMWare.



Nous allons configurer une carte réseau **VMnet0** en **NAT**, on connecte l'Host et habilitons le DHCP.

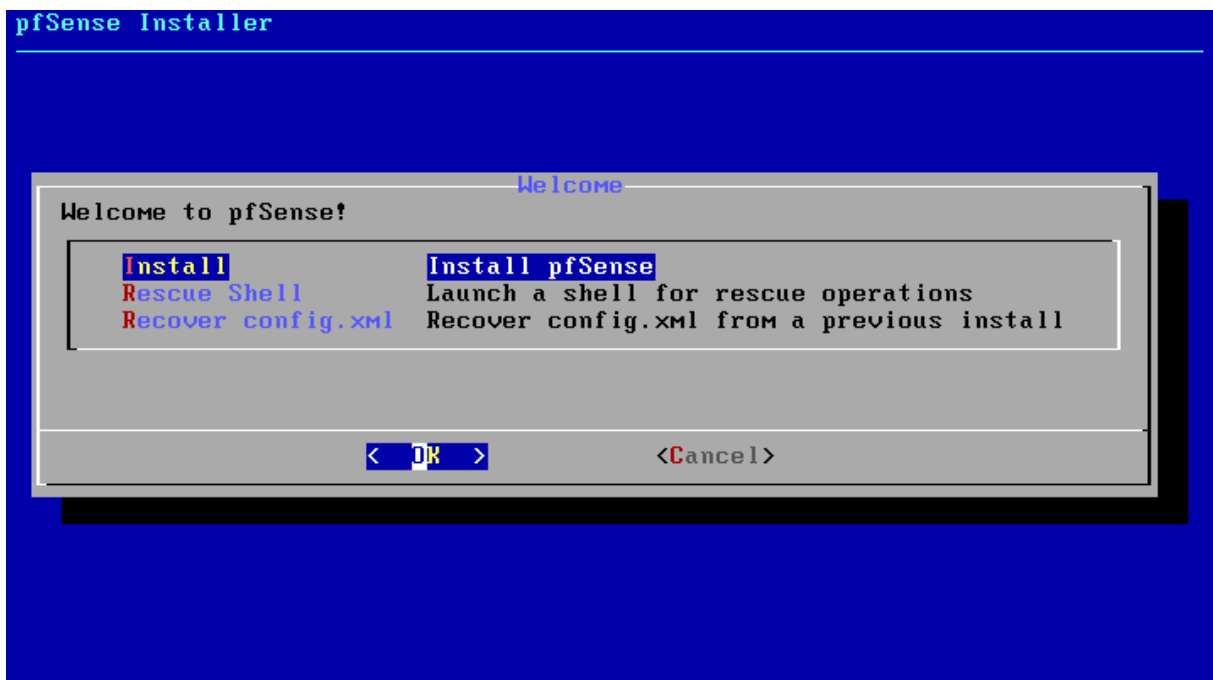
L'autre carte réseau **VMnet1** en **Custom** et nous allons bloquer l'accès internet ainsi que le DHCP.

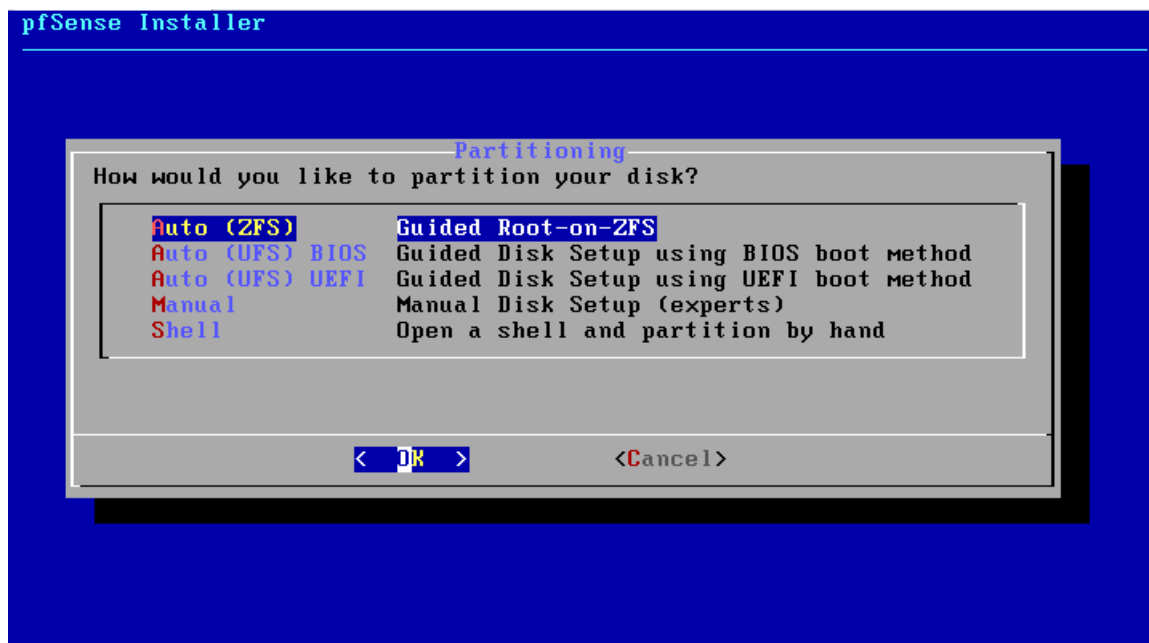
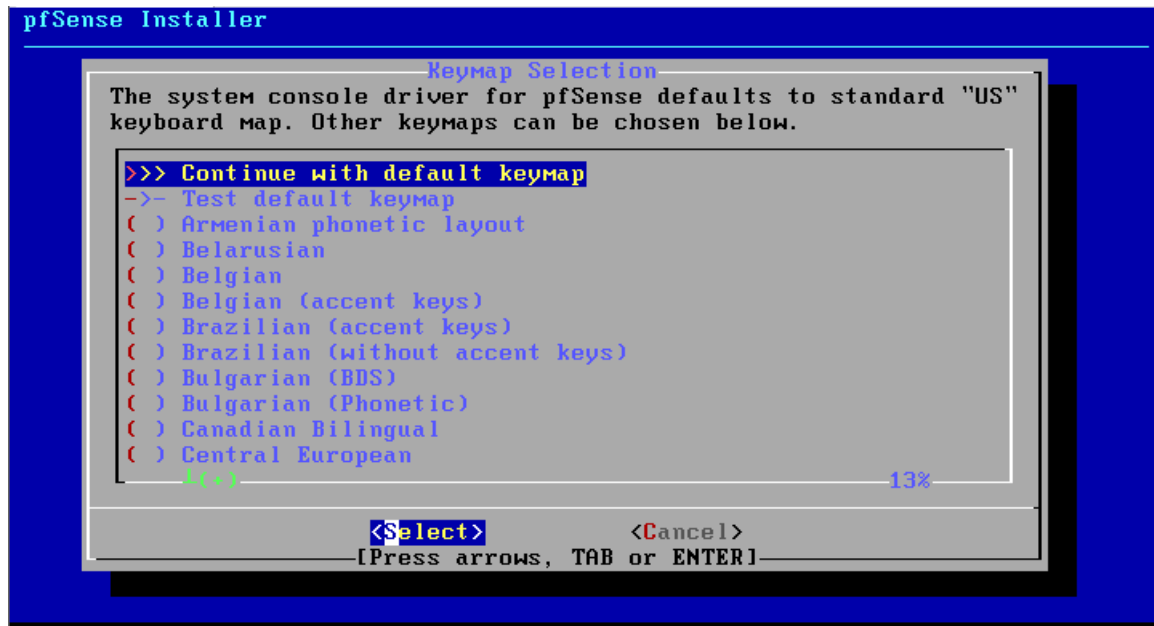
Nous allons ensuite créer deux cartes réseau sur notre VM et nous allons configurer les deux en **Custom**

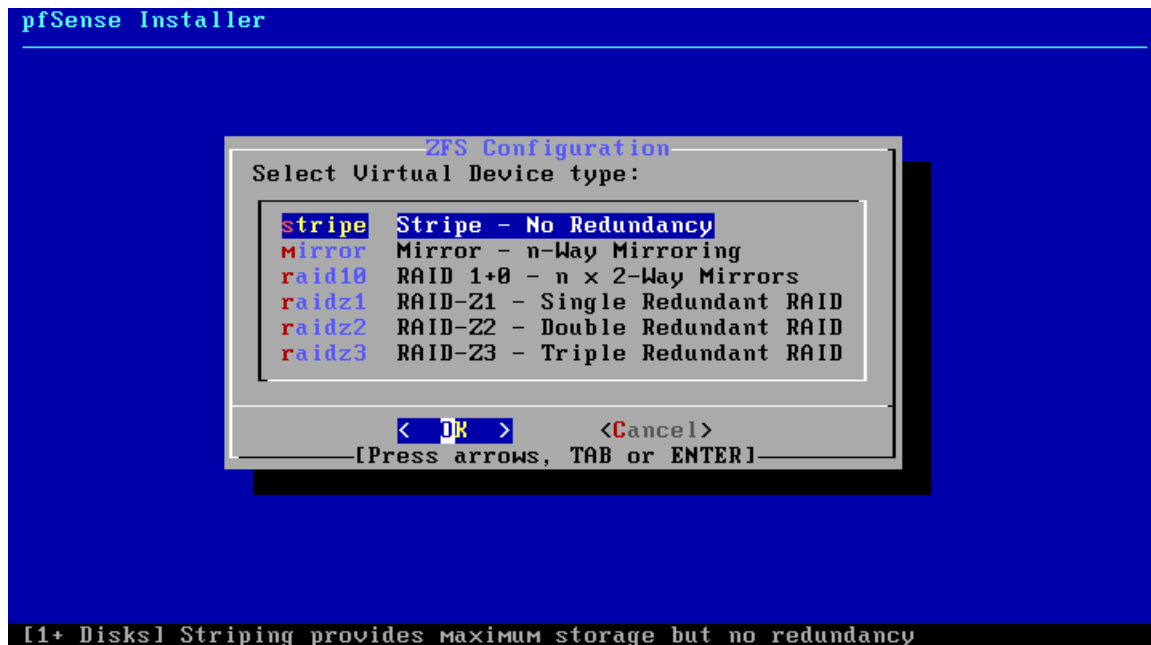
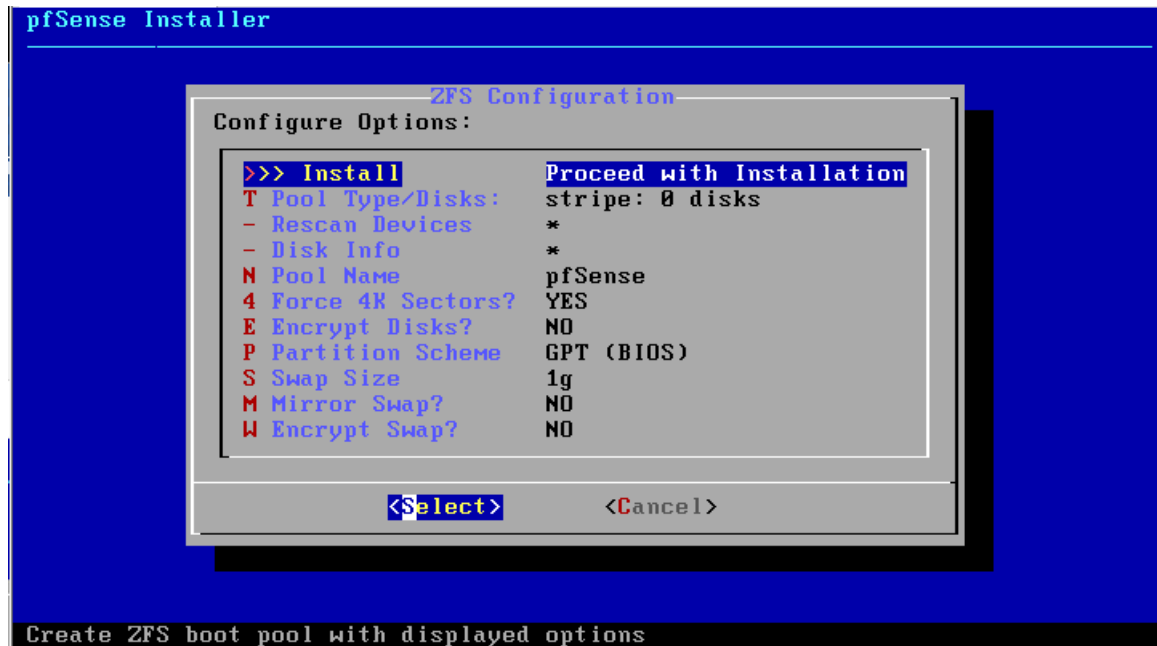


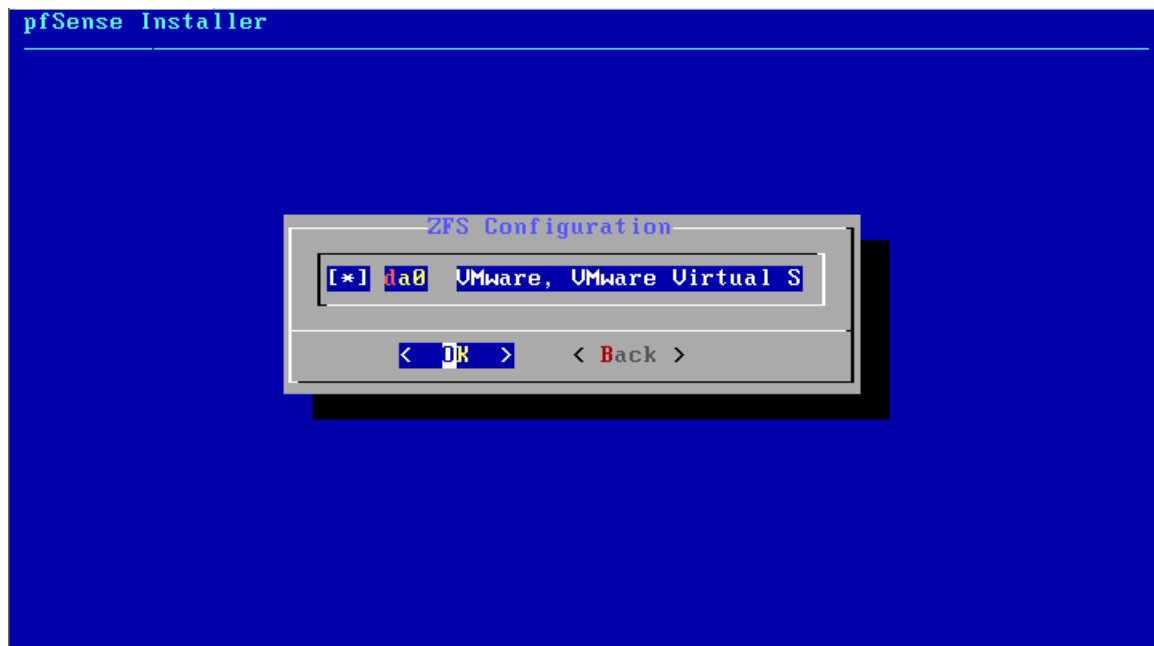
Une fois que cette action est réalisée nous allons lancer une machine virtuelle à partir de l'image ISO *pfSense-CE-2.6.0-RELEASE-amd64*

2. Installation et configuration du serveur Pf_Sense

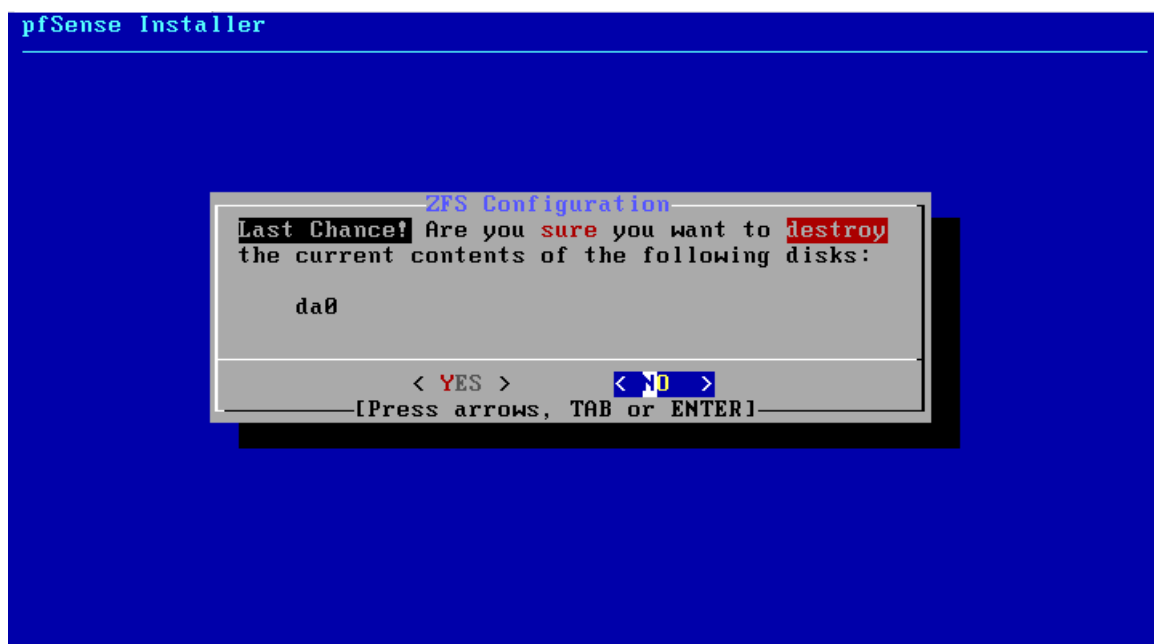


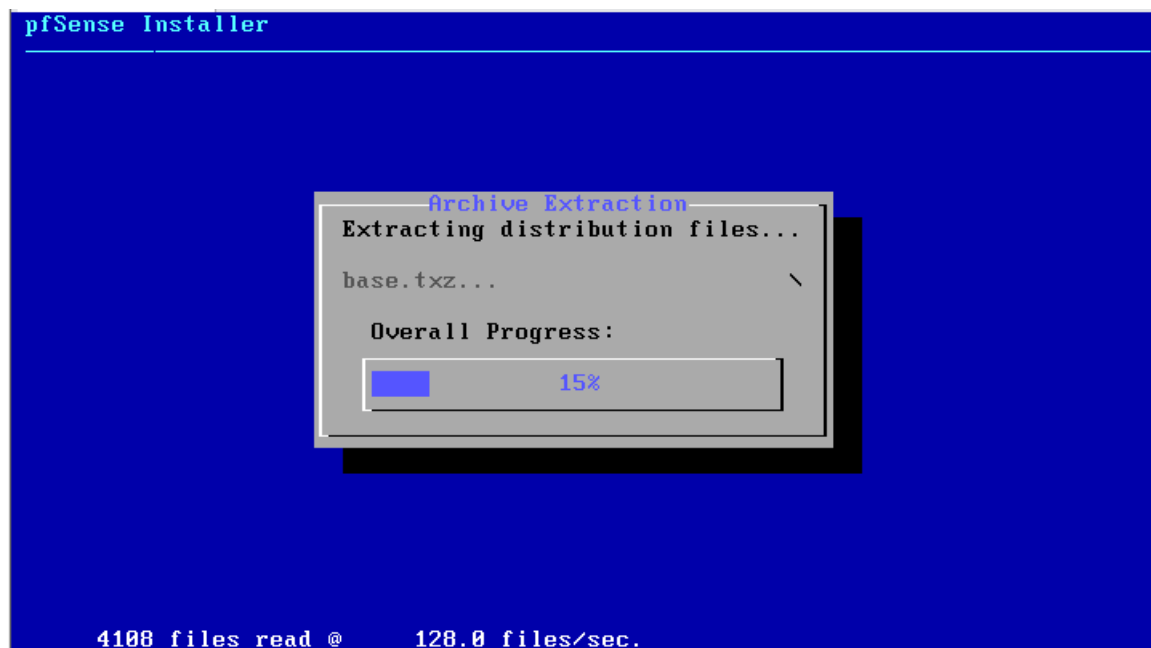


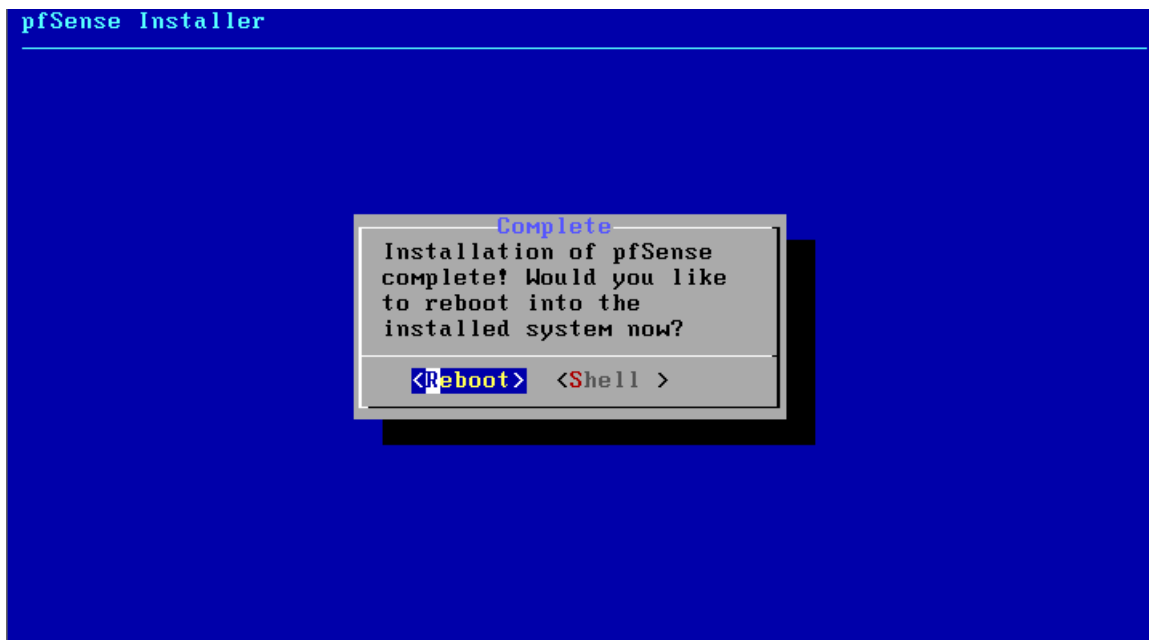
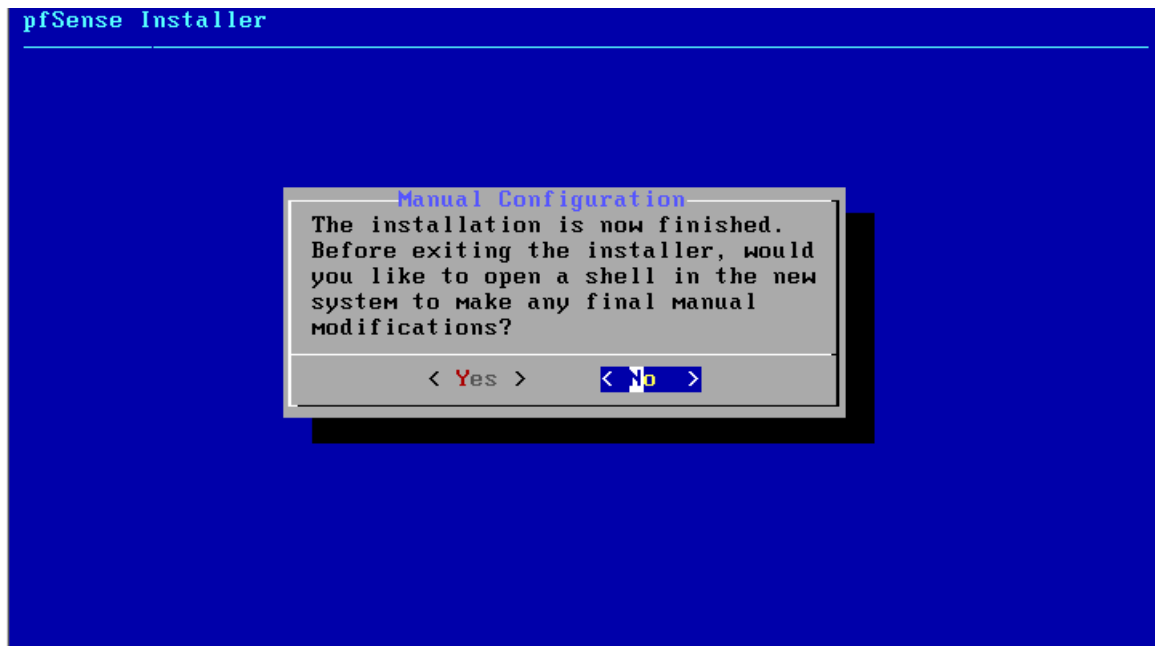




Appuyer sur espace pour cocher le disque







La VM Reboot

```

atapci0: <Intel PIIX4 UDMA33 controller> port 0x1f0-0x1f7,0x3f6,0x170-0x177,0x37
6,0x1060-0x106f at device 7.1 on pci0
ata0: <ATA channel> at channel 0 on atapci0
ata1: <ATA channel> at channel 1 on atapci0
pci0: <bridge> at device 7.3 (no driver attached)
vgapci0: <UGA-compatible display> port 0x1070-0x107f mem 0xe0000000-0xefffffff,0
xfe000000-0xfe7fffff irq 16 at device 15.0 on pci0
vgapci0: Boot video device
mpt0: <LSILogic 1030 Ultra4 Adapter> port 0x1400-0x14ff mem 0xfeba0000-0xfebffff
f,0xfebc0000-0xfebdffff irq 17 at device 16.0 on pci0
mpt0: MPI Version=1.2.0.0
pcib2: <ACPI PCI-PCI bridge> at device 17.0 on pci0
pci2: <ACPI PCI bus> on pcib2
uhci0: <UHCI (generic) USB controller> port 0x20c0-0x20df irq 18 at device 0.0 o
n pci2
usb0 on uhci0
em0: <Intel(R) Legacy PRO/1000 MT 82545EM (Copper)> port 0x2000-0x203f mem 0xfd5
c0000-0xfd5dffff,0xfdff0000-0xfdffffff irq 19 at device 1.0 on pci2
em0: EEPROM U15.255-15
em0: Using 1024 TX descriptors and 1024 RX descriptors
em0: Ethernet address: 00:0c:29:6d:fc:12
em0: netmap queues/slots: TX 1/1024, RX 1/1024
em1: <Intel(R) Legacy PRO/1000 MT 82545EM (Copper)> port 0x2040-0x207f mem 0xfd5
a0000-0xfd5bffff,0xfdfe0000-0xfdfeffff irq 16 at device 2.0 on pci2

```

```

Starting syslog...done.
Starting CRON... done.
pfSense 2.6.0-RELEASE amd64 Mon Jan 31 19:57:53 UTC 2022
Bootup complete

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

VMware Virtual Machine - Netgate Device ID: a83355b7cb276e3a9c55

*** Welcome to pfSense 2.6.0-RELEASE (amd64) on pfSense ***

WAN (wan)      -> em0      -> v4/DHCP4: 192.168.226.128/24
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:

```

Ici nous sommes dans l'interface de config.

Nous allons faire le choix 2 pour configurer l'interface de l'adresse IP

```

VMware Virtual Machine - Netgate Device ID: a83355b7cb276e3a9c55
*** Welcome to pfSense 2.6.0-RELEASE (amd64) on pfSense ***

WAN (wan)      -> em0      -> v4/DHCP4: 192.168.226.128/24
LAN (lan)      -> em1      -> v4: 192.168.1.1/24

0) Logout (SSH only)          9) pfTop
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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: 2

Available interfaces:

1 - WAN (em0 - dhcp, dhcp6)
2 - LAN (em1 - static)

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

```

Ensuite nous allons choisir le réseau LAN choix 2 et définissons notre LAN en **192.168.10.254**

```

Available interfaces:

1 - WAN (em0 - dhcp, dhcp6)
2 - LAN (em1 - static)

Enter the number of the interface you wish to configure: 2

Enter the new LAN IPv4 address. Press <ENTER> for none:
> 192.168.10.254 █

```

Il nous demande ensuite de choisir le masque de sous réseau on met 24

```

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 █

```

Nous tapons sur Entrée deux fois pour sauter l'étape de l'IPv4 t IPv6

```

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

Enter the new LAN IPv6 address. Press <ENTER> for none:
>

Do you want to enable the DHCP server on LAN? (y/n) █

```

On sélectionne **n** pour désactiver le DHCP server dans le LAN.

Puis **y** pour le **webConfigurator** protocol.

```
Do you want to enable the DHCP server on LAN? (y/n) n
Disabling IPv4 DHCPD...
Disabling IPv6 DHCPD...

Do you want to revert to HTTP as the webConfigurator protocol? (y/n) y

Please wait while the changes are saved to LAN...
Reloading filter...
Reloading routing configuration...
DHCPD...
Restarting webConfigurator...

The IPv4 LAN address has been set to 192.168.10.254/24
You can now access the webConfigurator by opening the following URL in your web
browser:
        http://192.168.10.254/

Press <ENTER> to continue.
```

Nous pouvons voir l'adresse IP modifiée

Ensuite nous cliquons Entrée.

Ici nous atterrissons dans l'interface graphique de base.

```
Starting syslog...done.
Starting CRON... done.
pfSense 2.6.0-RELEASE amd64 Mon Jan 31 19:57:53 UTC 2022
Bootup complete

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

VMware Virtual Machine - Netgate Device ID: a83355b7cb276e3a9c55

*** Welcome to pfSense 2.6.0-RELEASE (amd64) on pfSense ***

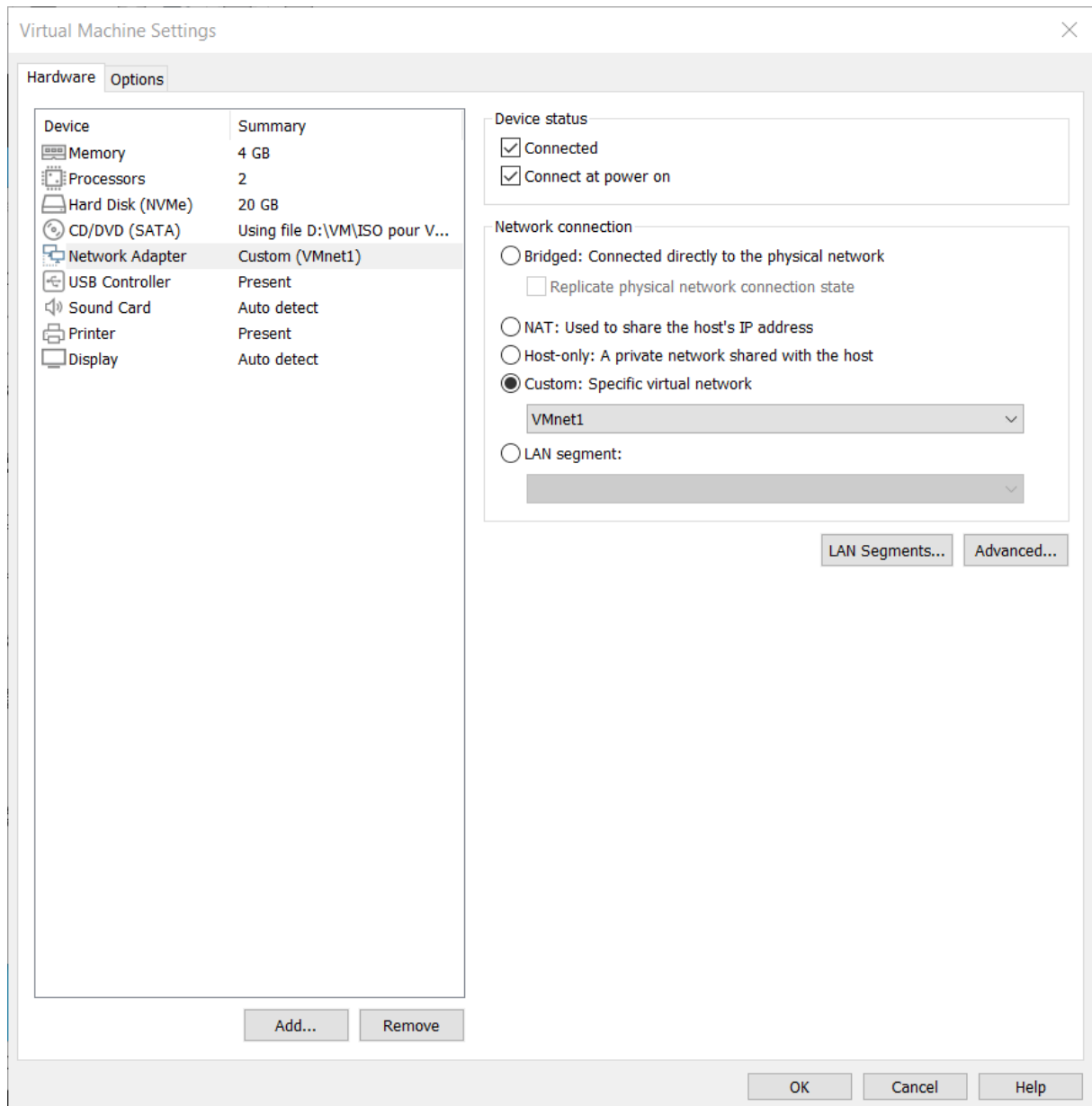
WAN (wan)      -> em0      -> v4/DHCP4: 192.168.226.128/24
LAN (lan)      -> em1      -> v4: 192.168.10.254/24

0) Logout (SSH only)          9) pfTop
1) Assign Interfaces          10) Filter Logs
2) Set interface(s) IP address 11) Restart webConfigurator
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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: 
```

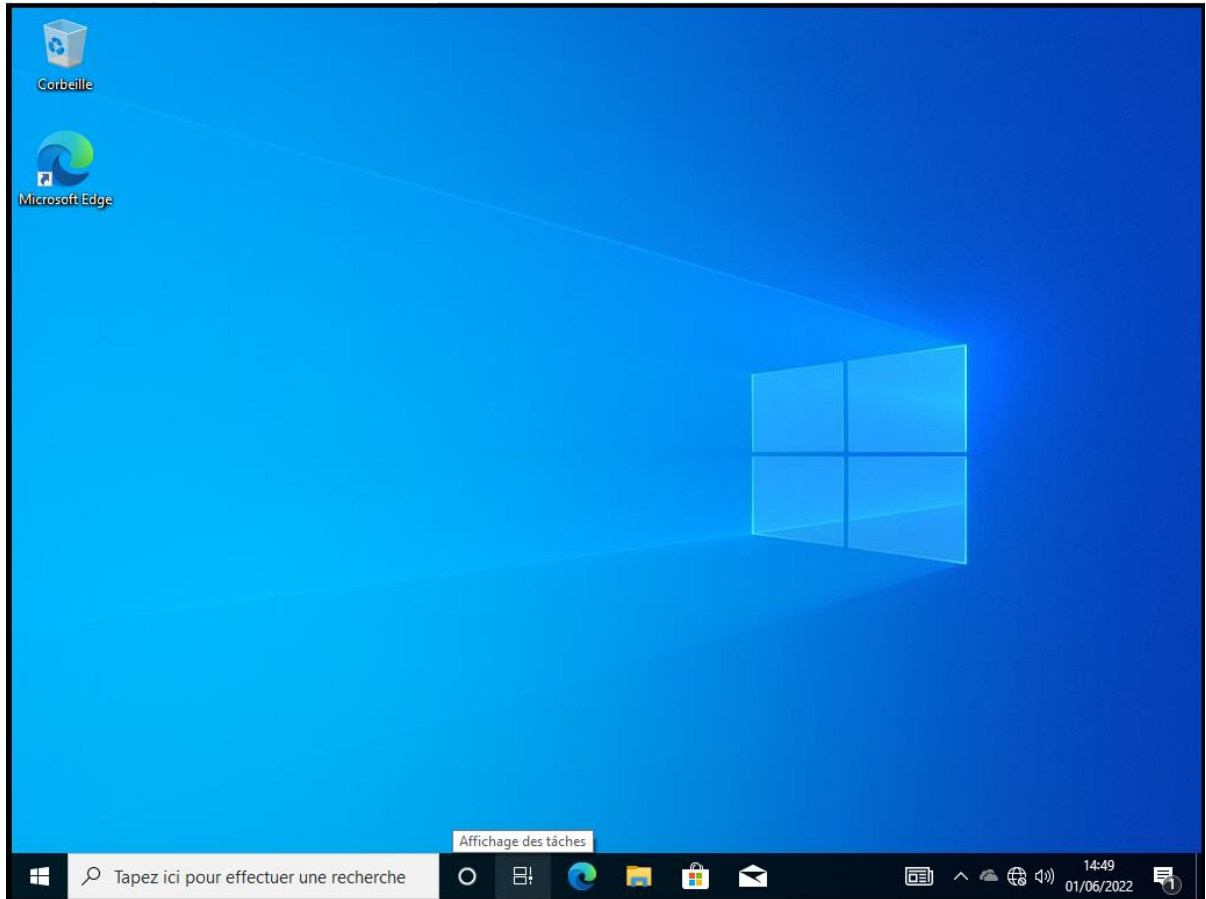
Nous allons ensuite créer une autre VM Windows 10 Professionnel

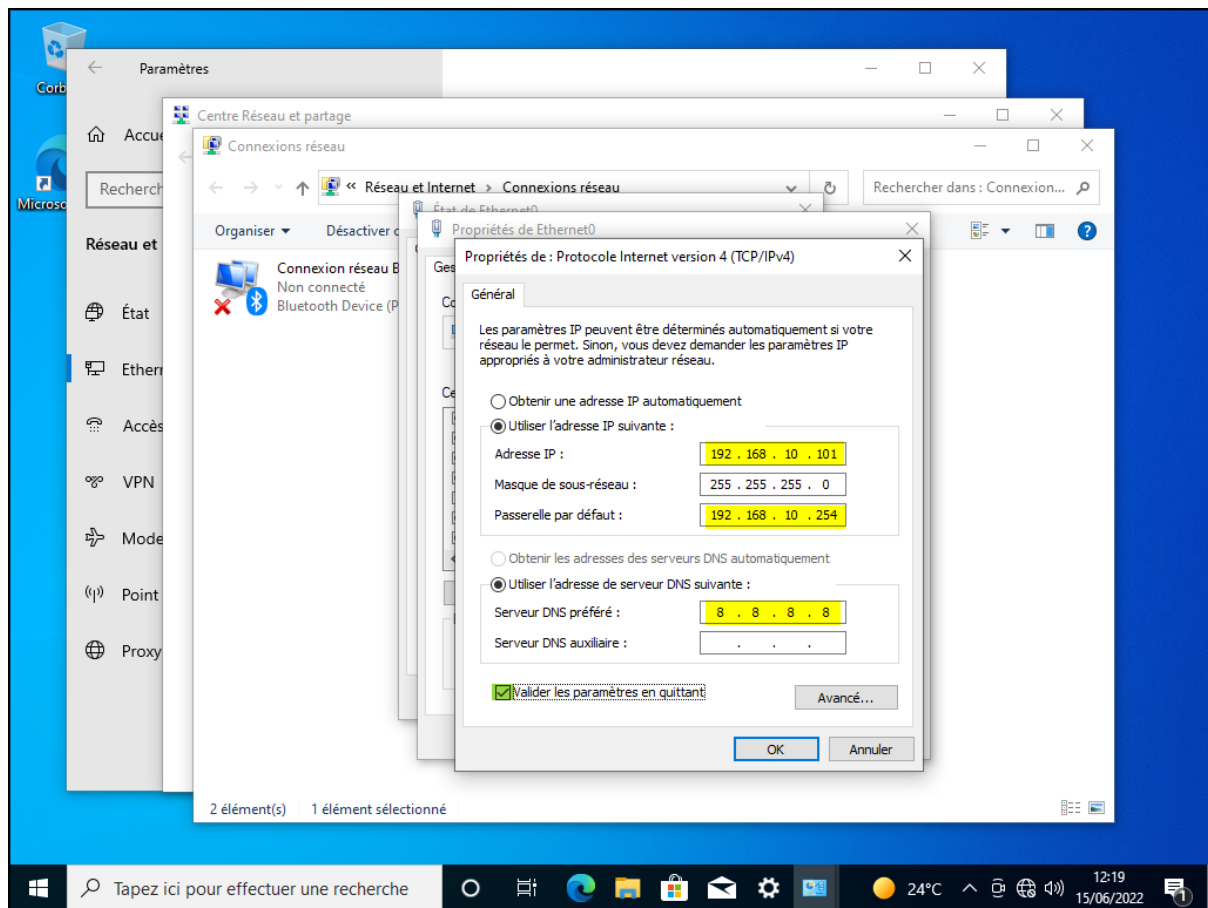
Nous allons paramétrer la carte réseau de notre VM en la mettant en **Custom** et avec la **VMnet1**



2.1 Vérification internet sur client Windows

Une fois que nous avons installé notre VM Windows nous allons configurer le réseau de notre VM Windows en modifiant l'adresse IPv4





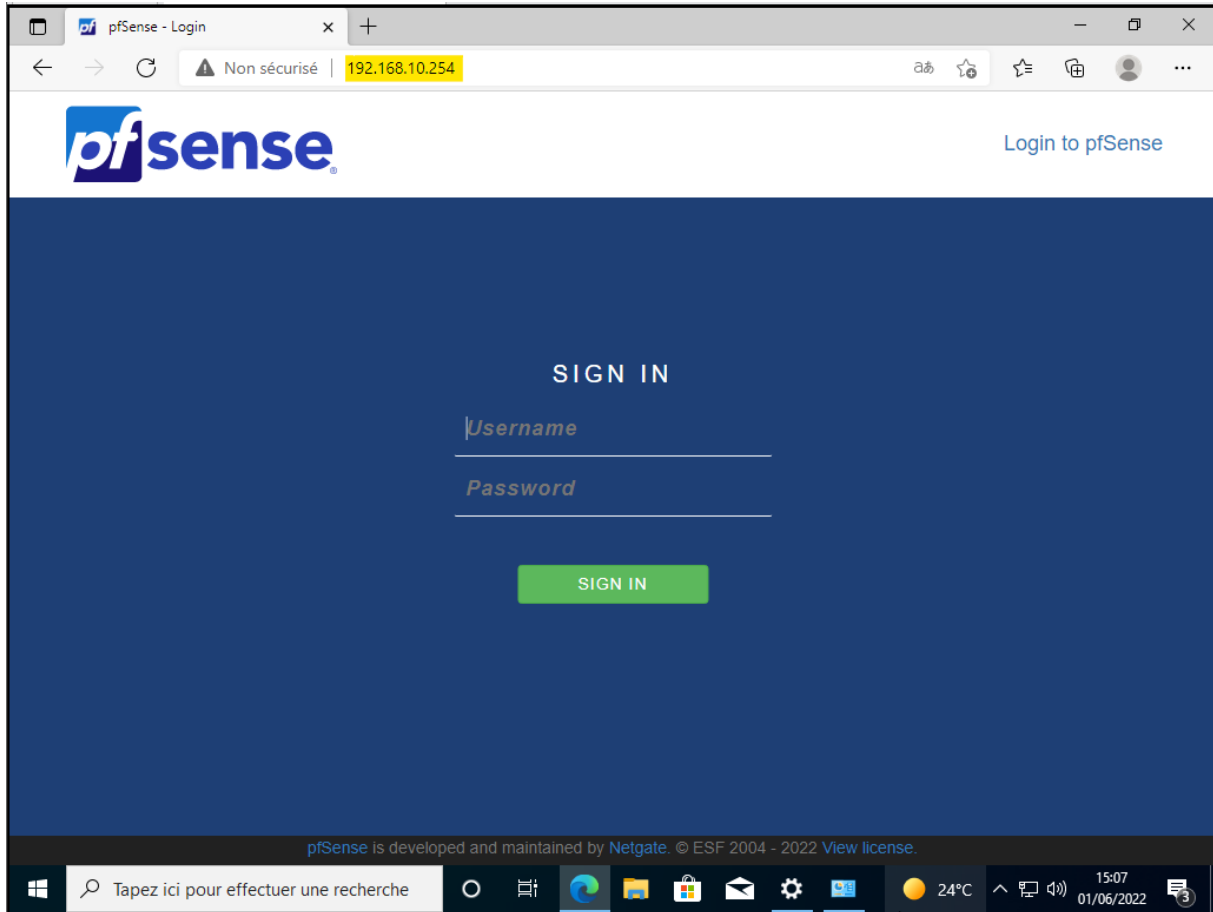
Ici nous définissons une adresse ip statique et l'adresse ip de notre serveur Pf_Sense

Pour avoir accès à internet nous devons configurer le DNS et allons configurer celui de Google 8.8.8.8

Ensuite nous ouvrons un navigateur et saisissons l'adresse IP de notre serveur

2.2 Connexion au server

Nous allons nous connecter au serveur par un navigateur et l'adresse de la passerelle

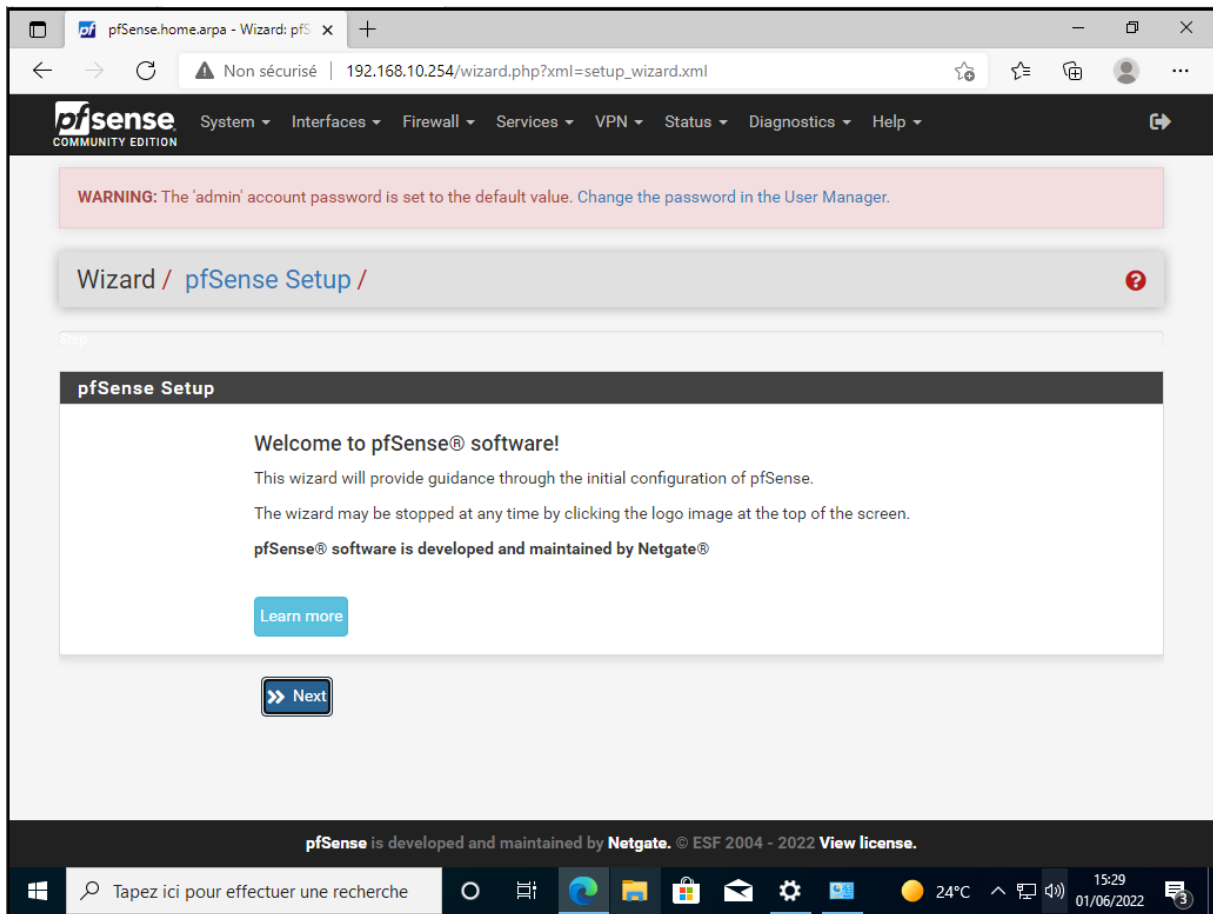


Pour le log in

id: admin

mdp: pfsense

3. Configuration du firewall Pf_Sense depuis Windows



pfSense.home.arpa - Wizard: pfSense x +

Non sécurisé | 192.168.10.254/wizard.php?xml=setup_wizard.xml

Wizard / pfSense Setup / General Information

Step 2 of 9

General Information

On this screen the general pfSense parameters will be set.

Hostname
EXAMPLE: myserver

Domain
EXAMPLE: mydomain.com

The default behavior of the DNS Resolver will ignore manually configured DNS servers for client queries and query root DNS servers directly. To use the manually configured DNS servers below for client queries, visit Services > DNS Resolver and enable DNS Query Forwarding after completing the wizard.

Primary DNS Server

Secondary DNS Server

Override DNS ☒
Allow DNS servers to be overridden by DHCP/PPP on WAN

[Next](#)

Tapez ici pour effectuer une recherche

15:42 01/06/2022

pfSense.home.arpa - Wizard: pfSense x +

Non sécurisé | 192.168.10.254/wizard.php?xml=setup_wizard.xml

pfSense COMMUNITY EDITION

System Interfaces Firewall Services VPN Status Diagnostics Help

WARNING: The 'admin' account password is set to the default value. [Change the password in the User Manager.](#)

Wizard / pfSense Setup / Time Server Information

Step 3 of 9

Time Server Information

Please enter the time, date and time zone.

Time server hostname
Enter the hostname (FQDN) of the time server.

Timezone

[Next](#)

Démarrer

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Tapez ici pour effectuer une recherche

15:43 01/06/2022

pfSense.home.arpa - Wizard: pfSense x +

Non sécurisé | 192.168.10.254/wizard.php?xml=setup_wizard.xml

pfSense COMMUNITY EDITION

System ▾ Interfaces ▾ Firewall ▾ Services ▾ VPN ▾ Status ▾ Diagnostics ▾ Help ▾

WARNING: The 'admin' account password is set to the default value. [Change the password in the User Manager.](#)

Wizard / pfSense Setup / Configure WAN Interface ?

Step 4 of 9

Configure WAN Interface

On this screen the Wide Area Network information will be configured.

SelectedType: DHCP ▾

General configuration

MAC Address
This field can be used to modify ("spoof") the MAC address of the WAN interface (may be required with some cable connections). Enter a MAC address in the following format: xx:xx:xx:xx:xx:xx or leave blank.

MTU
Set the MTU of the WAN interface. If this field is left blank, an MTU of 1492 bytes for PPPoE and 1500 bytes for all other connection types will be assumed.

MSS
If a value is entered in this field, then MSS clamping for TCP connections to the value entered above minus 40 (TCP/IP header size) will be in effect. If this field is left blank, an MSS of 1492 bytes for PPPoE and 1500 bytes for all other

Tapez ici pour effectuer une recherche

24°C 15:45 01/06/2022

pfSense.home.arpa - Wizard: pfSense x +

Non sécurisé | 192.168.10.254/wizard.php?xml=setup_wizard.xml

Static IP Configuration

IP Address

Subnet Mask: 32 ▾

Upstream Gateway

DHCP client configuration

DHCP Hostname
The value in this field is sent as the DHCP client identifier and hostname when requesting a DHCP lease. Some ISPs may require this (for client identification).

PPPoE configuration

PPPoE Username

PPPoE Password

Show PPPoE password ☐ Reveal password characters

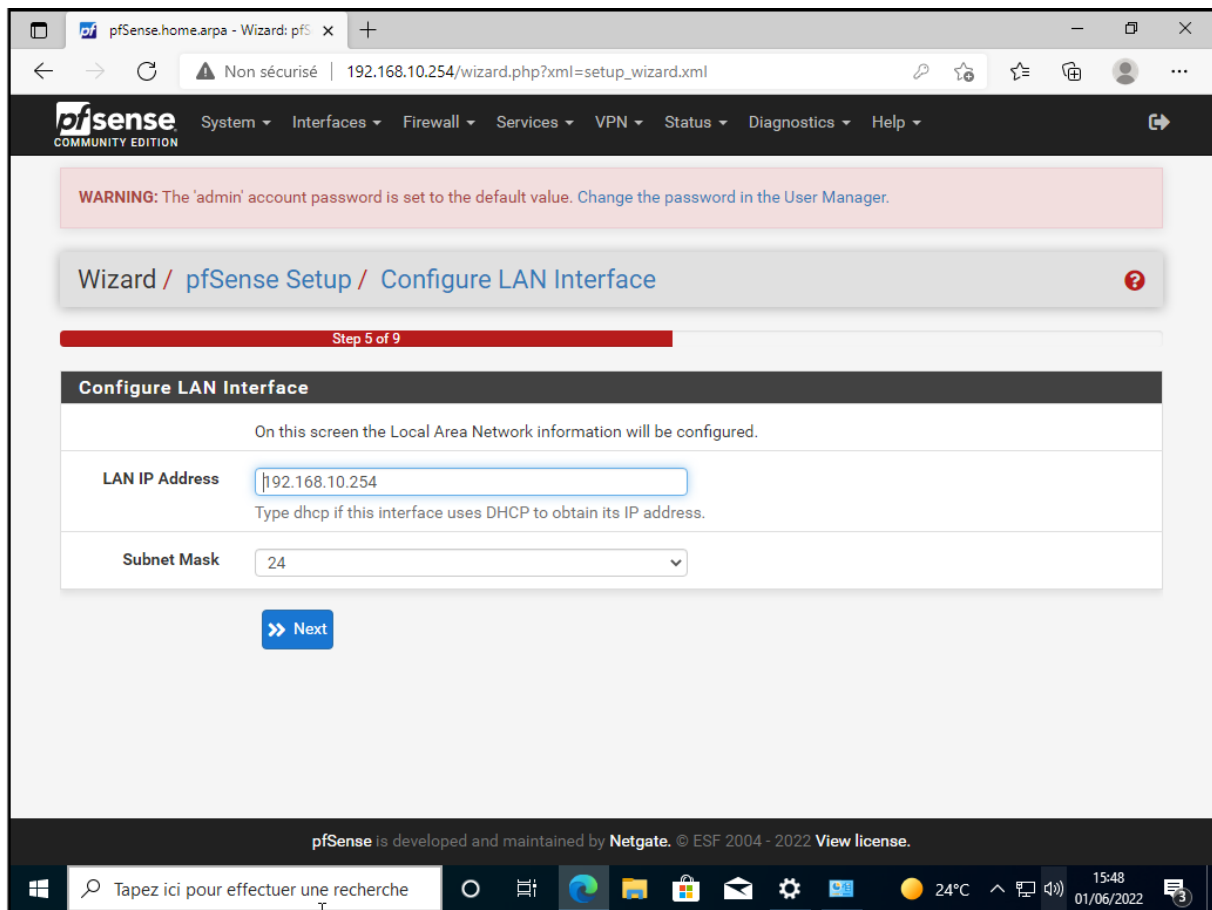
PPPoE Service name
Hint: this field can usually be left empty

PPPoE Dial on demand ☐ Enable Dial-On-Demand mode
This option causes the interface to operate in dial-on-demand mode, allowing a virtual full time connection. The interface is configured, but the actual connection of the link is delayed until qualifying outgoing traffic is detected.

Tapez ici pour effectuer une recherche

24°C 15:47 01/06/2022

Windows taskbar showing the Start button, search bar, taskbar icons (Edge, File Explorer, Store, Mail, Settings, and a blue icon), system tray (clock, date, and volume), and the pfSense logo and version information (pfSense is developed and maintained by Netgate. © ESF 2004 - 2022 View license).



Ici nous avons déjà configuré le LAN donc on laisse par défaut

The screenshot shows a web browser window with the address bar displaying "192.168.10.254/wizard.php?xml=setup_wizard.xml". The page title is "pfSense COMMUNITY EDITION". The navigation menu includes "System", "Interfaces", "Firewall", "Services", "VPN", "Status", "Diagnostics", and "Help". The main content area is titled "Wizard / pfSense Setup / Set Admin WebGUI Password" and indicates "Step 6 of 9". A red progress bar shows the current step. Below the title, a message states: "On this screen the admin password will be set, which is used to access the WebGUI and also SSH services if enabled." There are two input fields: "Admin Password" and "Admin Password AGAIN". A blue "Next" button is at the bottom. The footer of the page says "pfSense is developed and maintained by Netgate. © ESF 2004 - 2022 View license." The Windows taskbar at the bottom shows the search bar, task view, and various application icons, with the system clock displaying 15:50 on 01/06/2022.

pfSense COMMUNITY EDITION

System Interfaces Firewall Services VPN Status Diagnostics Help

Wizard / pfSense Setup / Set Admin WebGUI Password

Step 6 of 9

Set Admin WebGUI Password

On this screen the admin password will be set, which is used to access the WebGUI and also SSH services if enabled.

Admin Password

Admin Password AGAIN

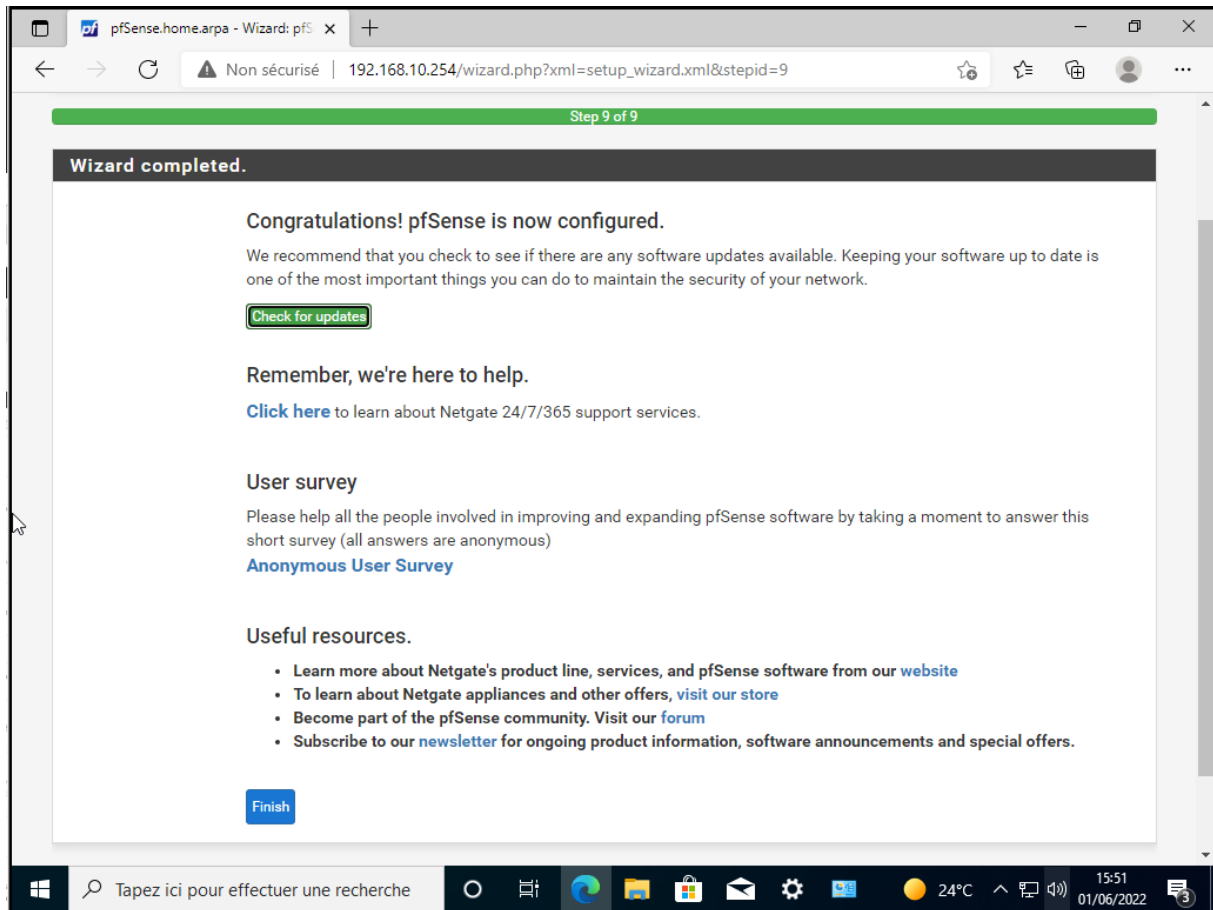
>> Next

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Tapez ici pour effectuer une recherche

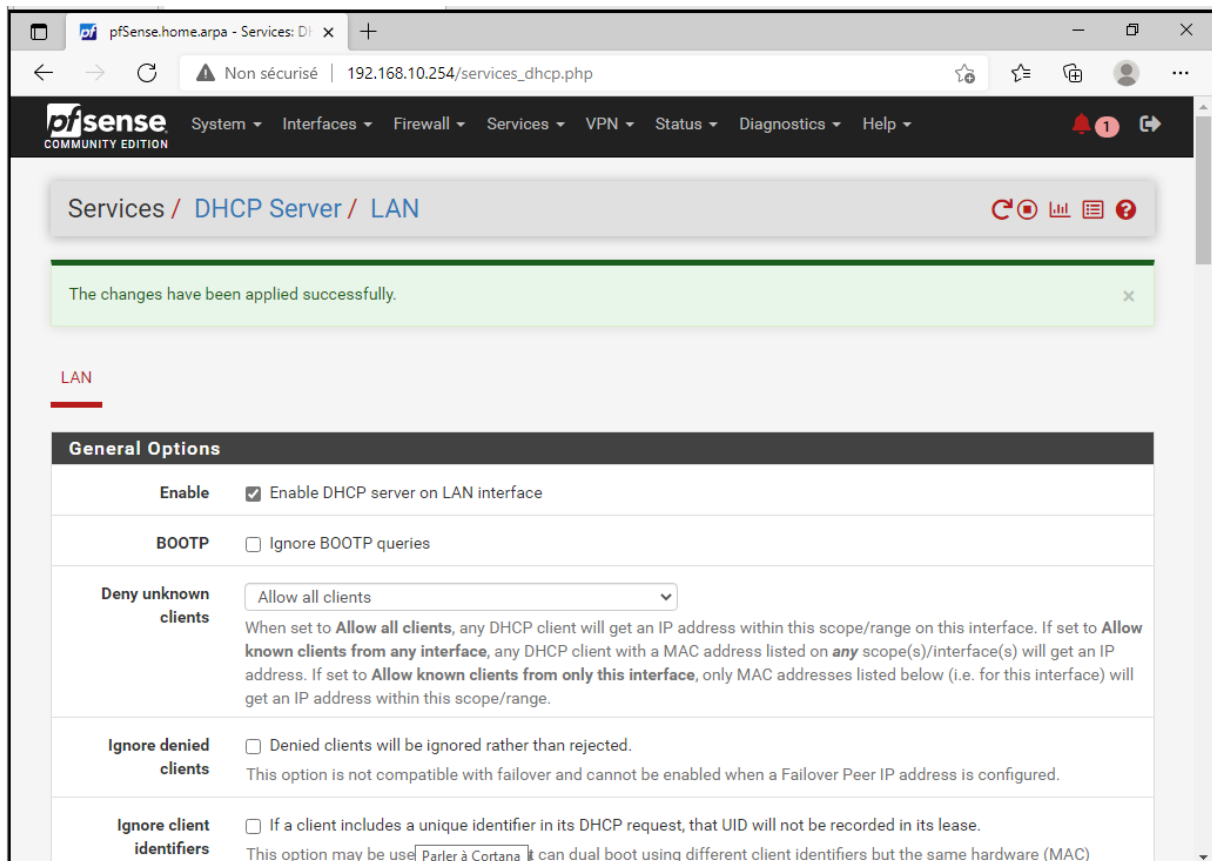
24°C 15:50 01/06/2022

Nous allons changer le mot de passe



La configuration est terminée

Nous allons nous intéresser à la config du service DHCP



On coche la case **Enable**

Nous sélectionnons **Allow all clients**

Subnet 192.168.10.0

Subnet mask 255.255.255.0

Available range 192.168.10.1 - 192.168.10.254

Range 192.168.10.10 192.168.10.245
From To

Additional Pools

Add [+ Add pool](#)

If additional pools of addresses are needed inside of this subnet outside the above Range, they may be specified here.

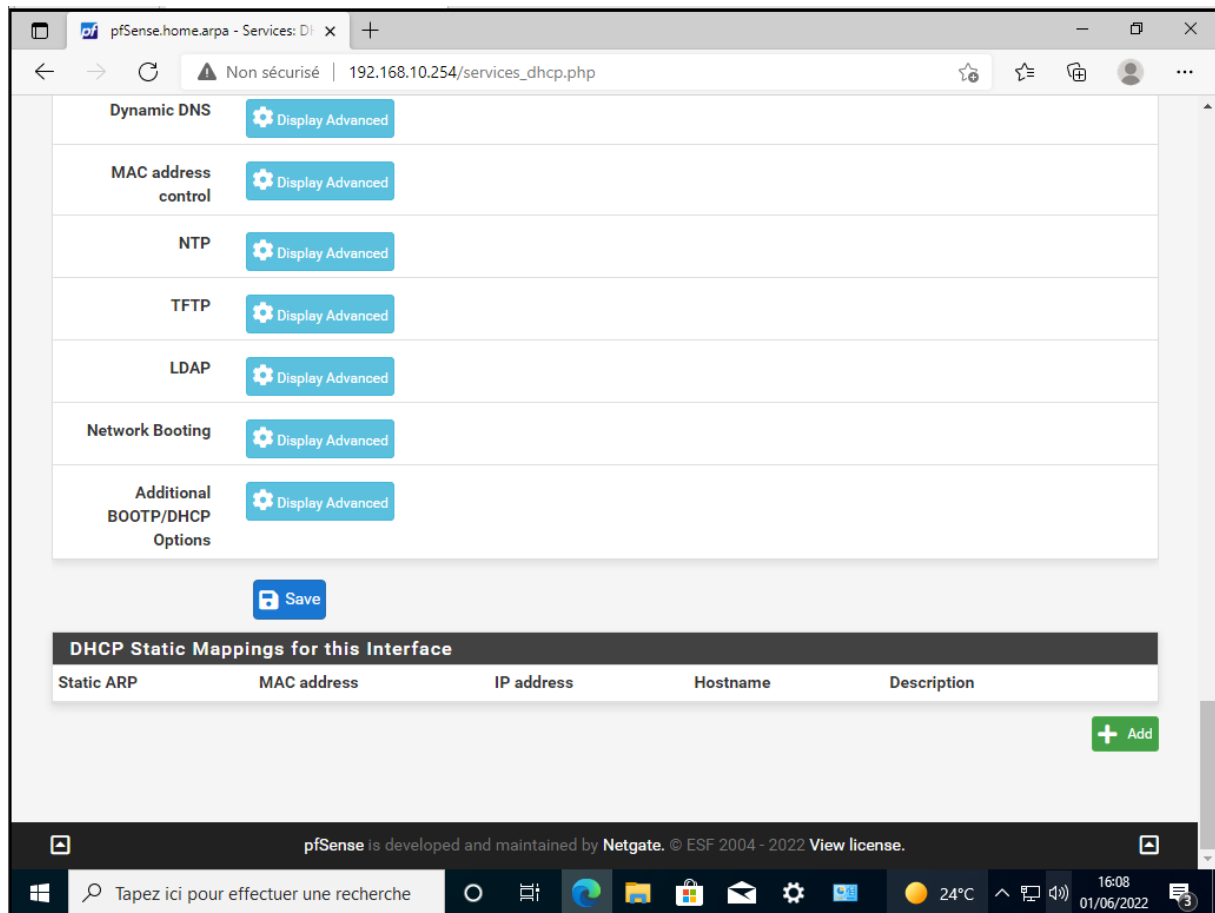
Pool Start	Pool End	Description	Actions
------------	----------	-------------	---------

Servers

WINS servers WINS Server 1 WINS Server 2

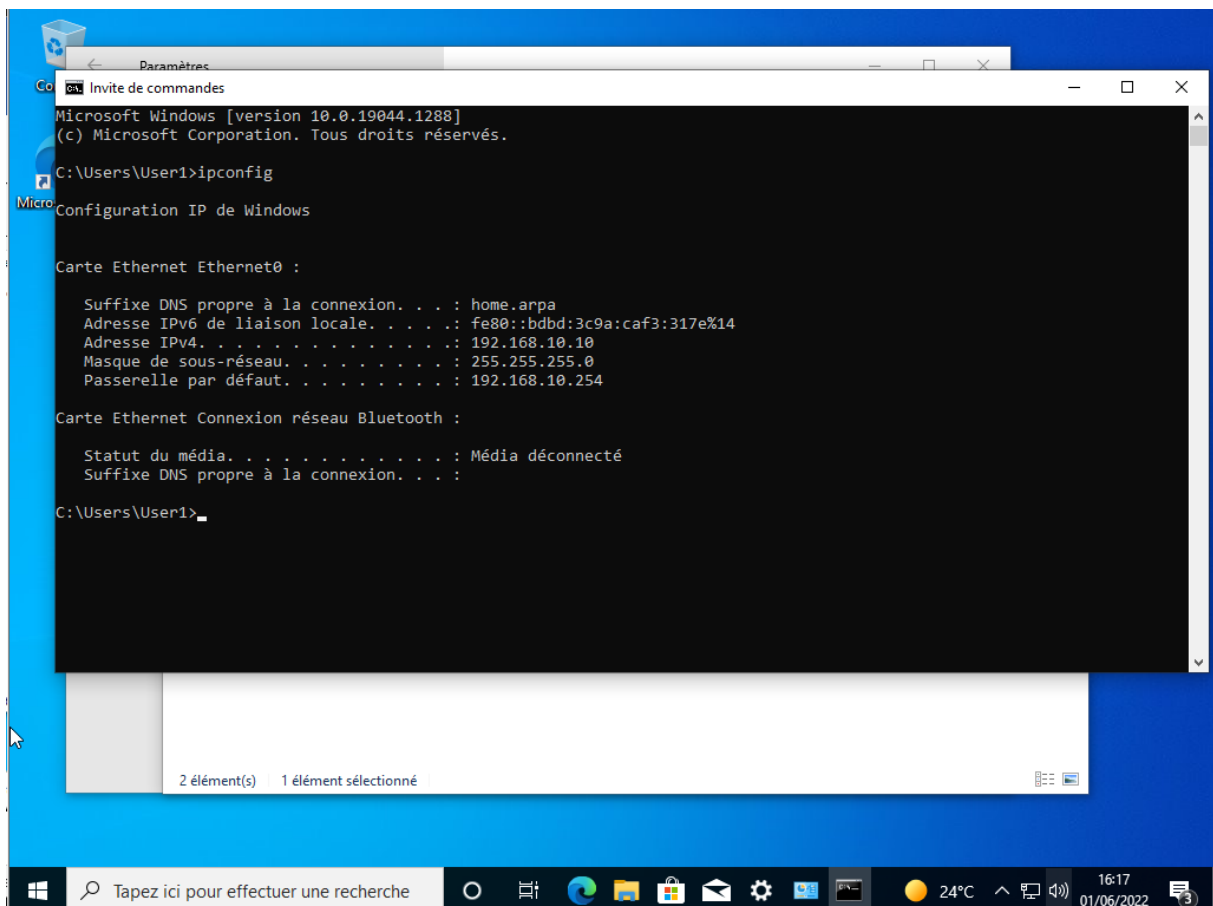
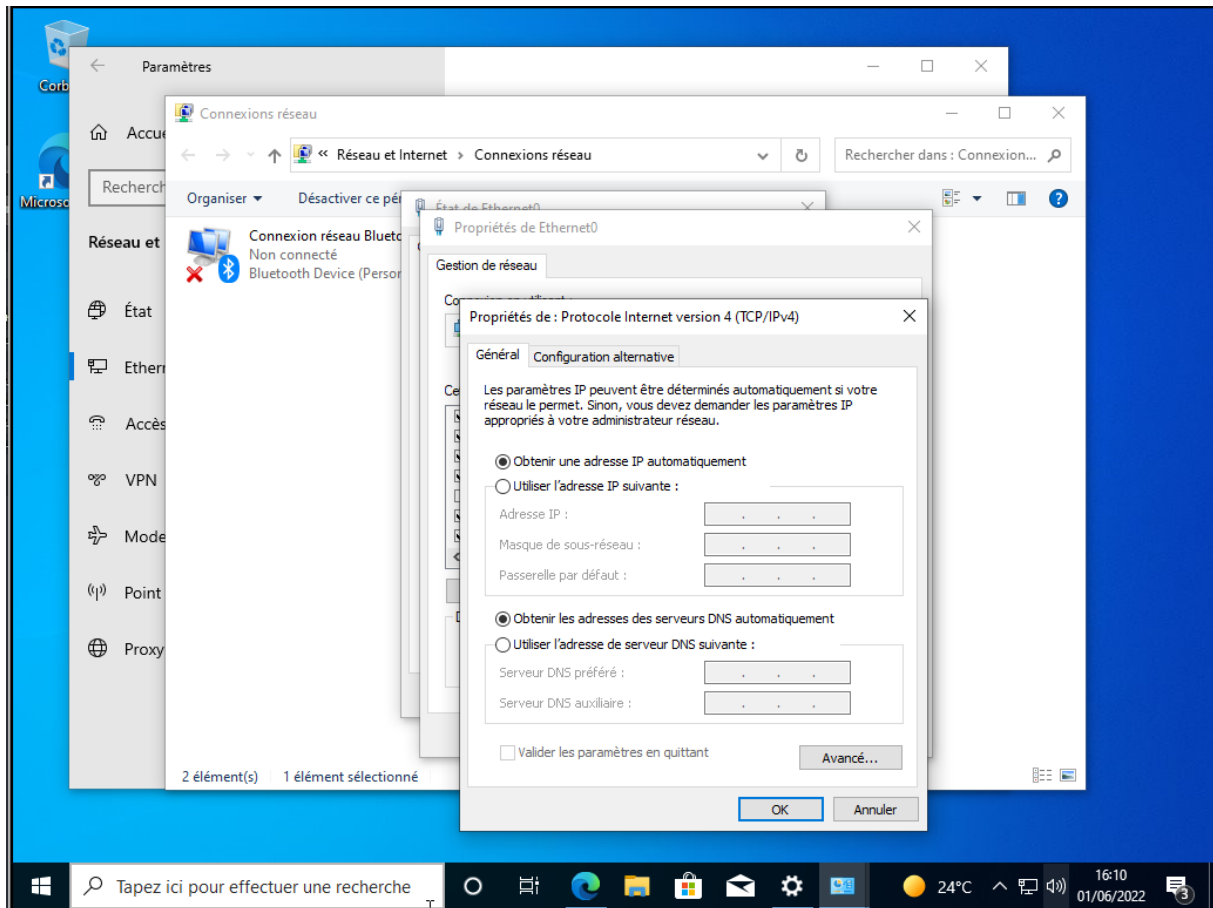
DNS servers 8.8.8.8 DNS Server 2 DNS Server 3

Le DNS serveur va être celui de Google

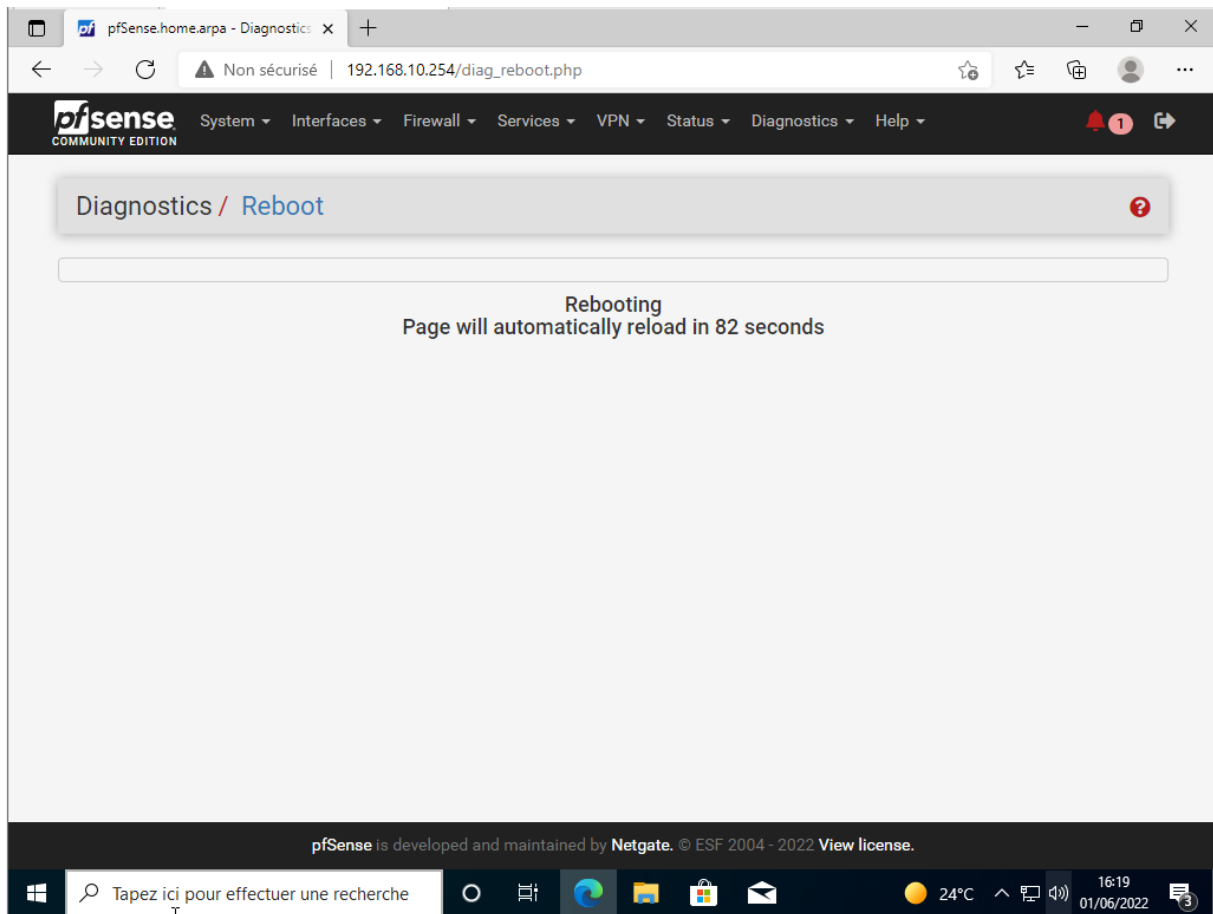


Nous allons ensuite sauvegarder nos modifications

Ensuite nous allons modifier à nouveau notre carte réseau du client Windows et définissons une adresse IP et un DNS automatiquement

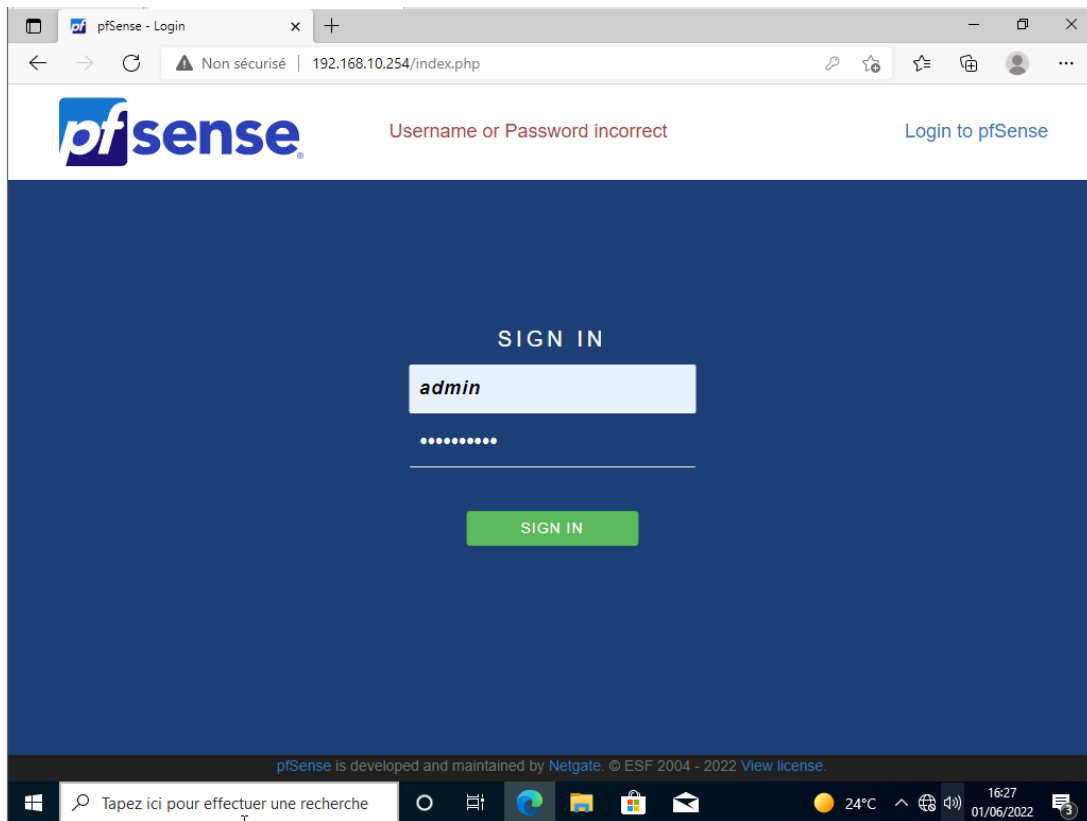


L'adresse IP de notre client Windows est bien dans la plage définie dans le Pf Sense. Nous allons donc redémarrer le Pf Sense

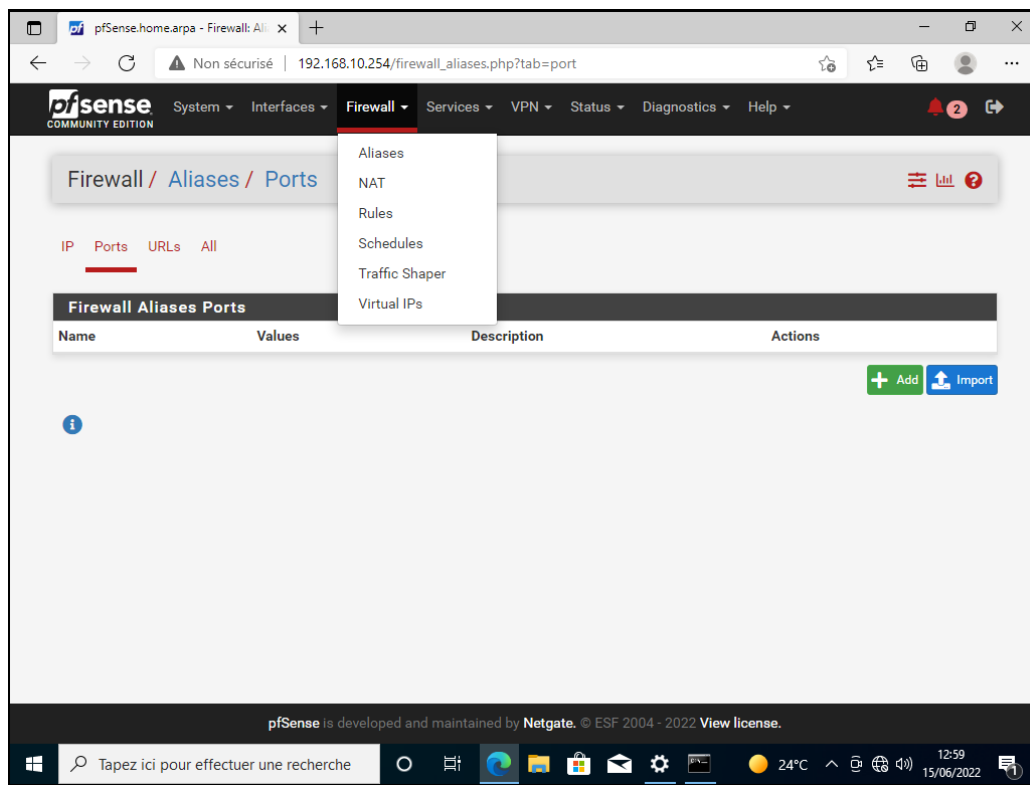


3.1 Alias pour les ports en LAN

Nous allons nous reconnecter à Pf_Sense



Ici nous nous rendons dans l'onglet **Firewall – Aliases – Ports**



Création d'un alias avec les ports désirés

Firewall / Aliases / Edit

Properties

Name: Internet
The name of the alias may only consist of the characters "a-z, A-Z, 0-9 and _".

Description: Internet
A description may be entered here for administrative reference (not parsed).

Type: Port(s)

Port(s)

Hint: Enter ports as desired, with a single port or port range per entry. Port ranges can be expressed by separating with a colon.

Port	Protocol	Action
80	Http	Delete
443	Https	Delete
53	DNS	Delete

Buttons: Save, Add Port

Firewall Aliases Ports

Name	Values	Description	Actions
Internet	80, 443, 53	Internet	Edit, Add, Delete

3.2 Restriction du flux internet grâce aux règles

Ensuite nous créons des règles dans **Firewall – Rules – LAN**

- ✓ Ipv4_(icmp) * * * * * (il sert à faire un ping)
- ✓ Ipv4_(tcp/udp) LANnet * * 53 443 80 * (c'est l'alias qui permet l'ouverture aux ports)
- ✗ Ipv4 LANnet * * * * * (bloque tout accès internet)

The changes have been applied successfully. The firewall rules are now reloading in the background. [Monitor the filter reload progress.](#)

Floating WAN LAN

Rules (Drag to Change Order)

States	Protocol	Source	Port	Destination	Port	Gateway	Queue	Schedule	Description	Actions
✓ 4 / 351 KiB	*	*	*	LAN Address	80	*	*		Anti-Lockout Rule	⚙️
✓ 0 / 0 B	IPv4 ICMP	*	*	*	*				quench	⚙️
✓ 0 / 0 B	IPv4 TCP/UDP	LAN net	*	*	Internet					⚙️
✗ 0 / 0 B	IPv4 *	LAN net	*	*	*					⚙️

Alias details

Value	Description
80	Http:\
443	Https:\
53	DNS

⬆ Add ⬇ Add 🗑 Delete 💾 Save ➕ Separator

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L'ordre des règles est important car Pf_Sense prend en compte la règle de restriction pour pouvoir après interpréter la 1^{ère} règles pour le ping et la 2^{ème} pour les ports internet

Nous pouvons observer que le ping google fonctionne correctement

The screenshot shows the pfSense Firewall Rules configuration for the LAN interface. The 'Rules (Drag to Change Order)' table lists several rules. A terminal window titled 'Invite de commandes' is overlaid, showing the execution of a ping command to 8.8.8.8, which returns successful results.

Firewall / Rules / LAN

Floating WAN LAN

Rules (Drag to Change Order)

States	Protocol	Source	Port	Destination	Action
✓ 2 / 365 KiB	*	*	*	*	any rule
✓ 21 / 18.77 MiB	IPv4 *	LAN net	*	*	any rule
✓ 0 / 0 B	IPv6 *	LAN net	*	*	any rule
✓ 0 / 0 B	IPv4 ICMP sequence	*	*	*	any rule
✓ 0 / 0 B	IPv4 TCP/UDP	LAN net	*	Internet *	any rule
✗ 0 / 0 B	IPv4 *	LAN net	*	*	any rule

Invite de commandes

```
C:\Users\User1>ping 8.8.8.8

Envoi d'une requête 'Ping' 8.8.8.8 avec 32 octets de données :
Réponse de 8.8.8.8 : octets=32 temps=46 ms TTL=127
Réponse de 8.8.8.8 : octets=32 temps=42 ms TTL=127
Réponse de 8.8.8.8 : octets=32 temps=51 ms TTL=127
Réponse de 8.8.8.8 : octets=32 temps=40 ms TTL=127

Statistiques Ping pour 8.8.8.8:
Paquets : envoyés = 4, reçus = 4, perdus = 0 (perte 0%),
Durée approximative des boucles en millisecondes :
Minimum = 40ms, Maximum = 51ms, Moyenne = 44ms

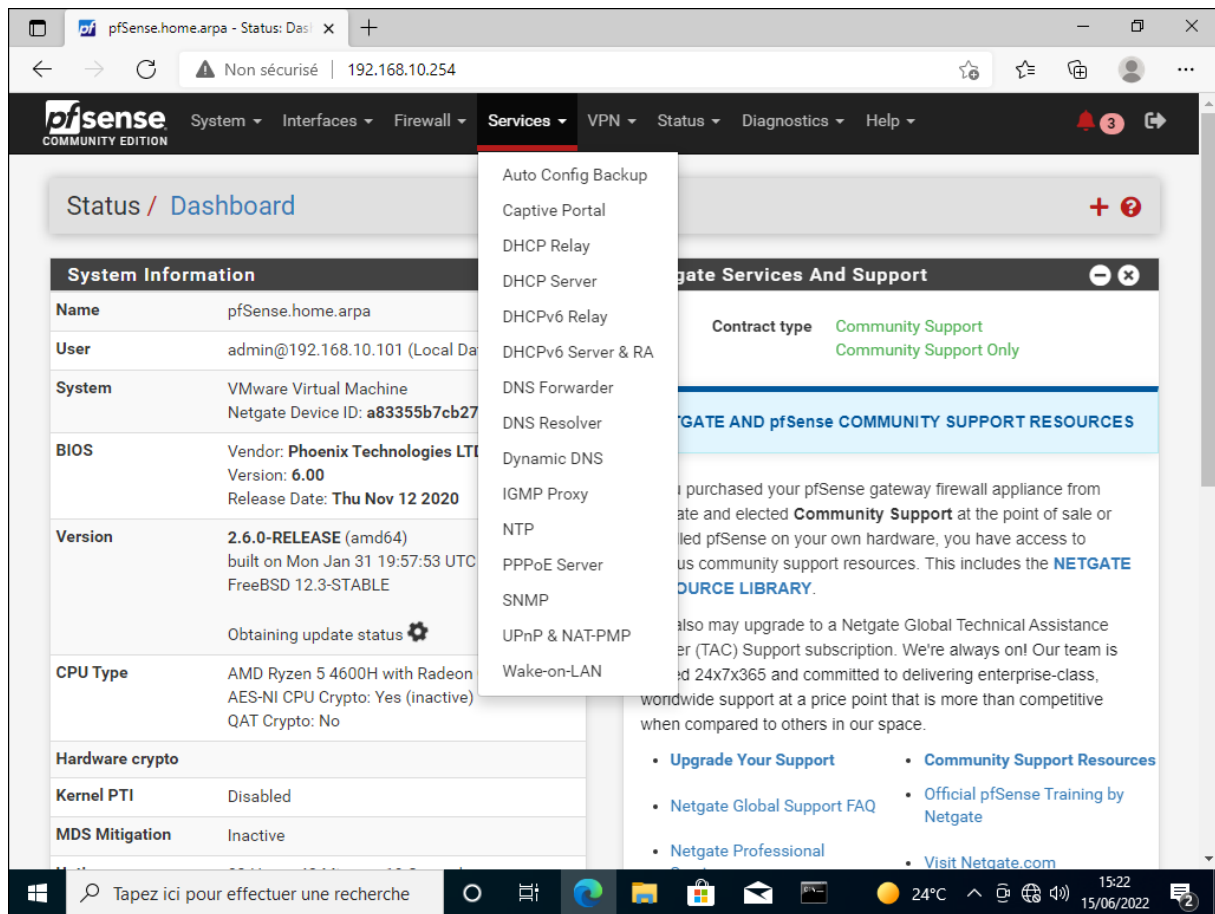
C:\Users\User1>
```

Buttons: Add, Add, Delete, Save, Separator

Windows taskbar: 24°C, 14:04, 15/06/2022

4. Configuration du Captive Portal

Nous nous rendons ans l'onglet **Services – Captive Portal**



pfSense home.arpa - Services: Captive Portal

Non sécurisé | 192.168.10.254/services_captiveportal_zones_edit.php

pfSense COMMUNITY EDITION

System Interfaces Firewall Services VPN Status Diagnostics Help

Services / Captive Portal / Add Zone

Add Captive Portal Zone

Zone name

Zone name. Can only contain letters, digits, and underscores (_) and may not start with a digit.

Zone description

A description may be entered here for administrative reference (not parsed).

[Save & Continue](#)

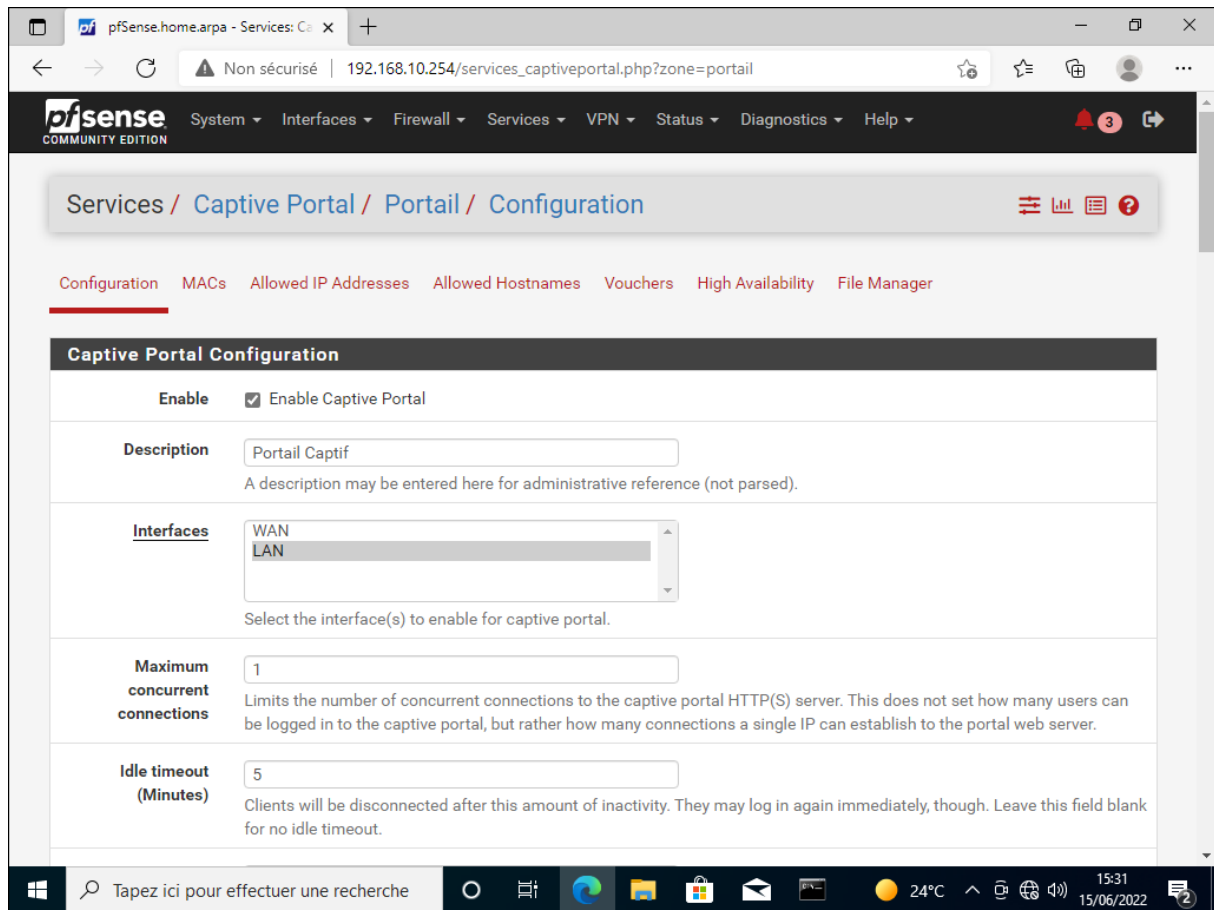
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Tapez ici pour effectuer une recherche

24°C 15:24 15/06/2022

Dans la configuration du **Portail** nous allons :

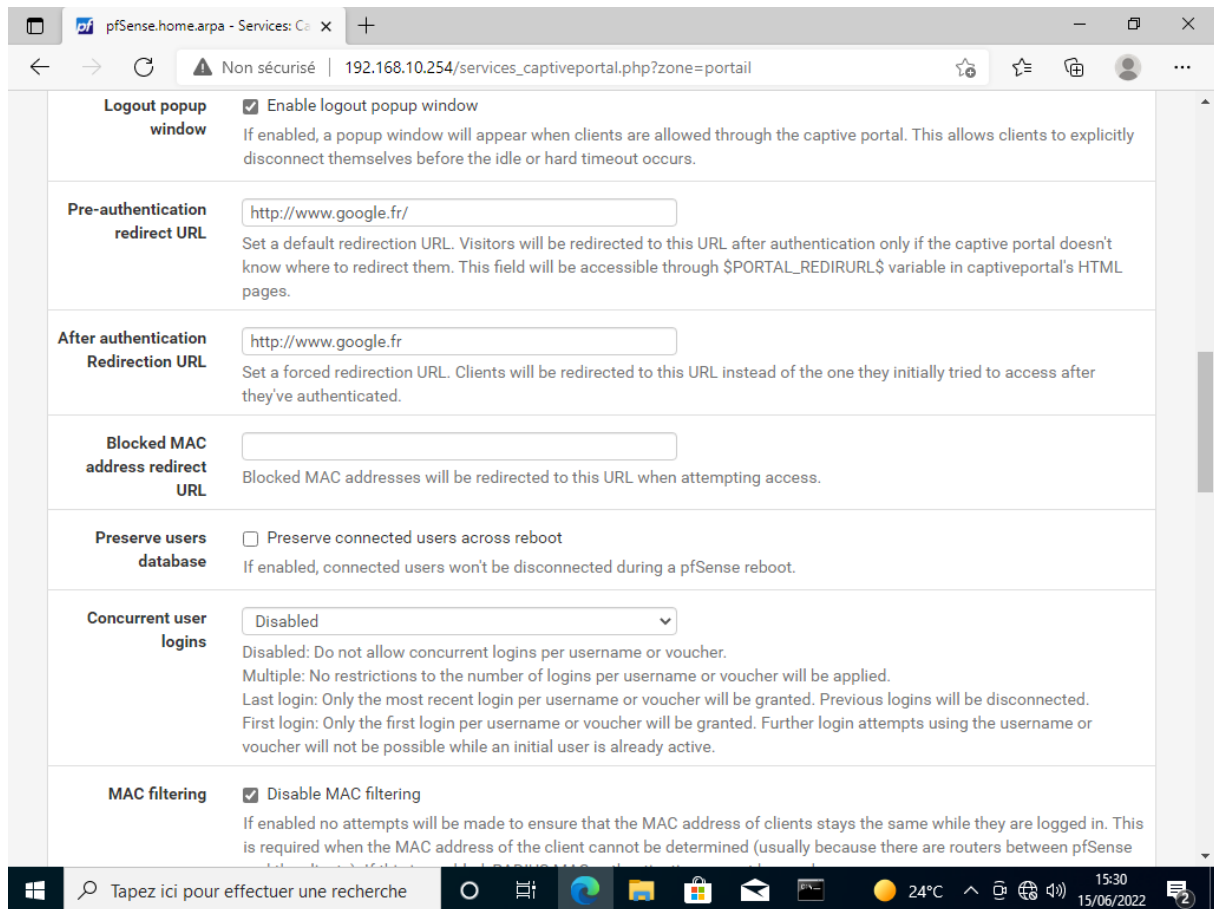
- Activer « **Enable Captive Portal** »
- Sélectionner l'interface « **LAN** »
- Maximum concurrent connections : **1** (Limite le nombre de connexions simultanées d'un même utilisateur)
- Idle timeout (Minutes) : Choisir entre **1** à **5** (Les clients seront déconnectés après cette période d'inactivité)



Ensuite :

- Activer « **Enable logout popup window** » (une fenêtre popup permet aux clients de se déconnecter)
- Définir « **Pre-authentication Redirect URL** » (*URL HTTP de redirection par défaut. Les visiteurs ne seront redirigés vers cette URL après authentification que si le portail captif ne sait pas où les rediriger*)
- Définir « **After authentication Redirection URL** » (*URL HTTP de redirection forcée. Les clients seront redirigés vers cette URL au lieu de celle à laquelle ils ont initialement tenté d'accéder après s'être authentifiés*)
- Activer « **Disable Concurrent user logins** » (seule la connexion la plus récente par nom d'utilisateur sera active)

- Activer « **Disable MAC filtering** » (nécessaire lorsque l'adresse MAC du client ne peut pas être déterminée)



- Sélectionner « **Use an Authentication backend** »
- Sélectionner « **Local Database** » pour « Authentication Server »
- **Attention** : Ne pas sélectionner « Local Database » pour « Secondary Authentication Server »
- Activer « **Local Authentication Privileges** » (Autoriser uniquement les utilisateurs avec les droits de « Connexion au portail captif »)

pfSense.home.arpa - Services: Captive Portal

Non sécurisé | 192.168.10.254/services_captiveportal.php?zone=portail

Authentication

Authentication Method
 Use an Authentication backend
 Select an Authentication Method to use for this zone. One method must be selected.
 - "Authentication backend" will force the login page to be displayed and will authenticate users using their login and password, or using vouchers.
 - "None" method will force the login page to be displayed but will accept any visitor that clicks the "submit" button.
 - "RADIUS MAC Authentication" method will try to authenticate devices automatically with their MAC address without displaying any login page.

Authentication Server
 Local Database
 You can add a remote authentication server in the [User Manager](#).
 Vouchers could also be used, please go to the [Vouchers Page](#) to enable them.

Secondary authentication Server
 Local Database
 You can optionally select a second set of servers to to authenticate users. Users will then be able to login using separated HTML inputs.
 This setting is useful if you want to provide multiple authentication method to your users. If you don't need multiple authentication method, then leave this setting empty.

Reauthenticate Users
☐ Reauthenticate connected users every minute
 If reauthentication is enabled, request are made to the server for each user that is logged in every minute. If an access denied is received for a user, that user is disconnected from the captive portal immediately. Reauthentication requires user credentials to be cached in the captive portal database while a user is logged in; The cached credentials are necessary for the portal to perform automatic reauthentication requests.

Local Authentication Privileges
☒ Allow only users/groups with "Captive portal login" privilege set

HTTPS Options

Login
☐ Enable HTTPS login
 When enabled, the username and password will be transmitted over an HTTPS connection to protect against eavesdroppers. A server name and certificate must also be specified below.

[Save](#)

Don't forget to enable the DHCP server on the captive portal interface! Make sure that the default/maximum DHCP lease time is higher than the hard timeout entered on this page. Also, the DNS Forwarder or Resolver must be enabled for DNS lookups by unauthenticated clients to work.

pfSense.home.arpa - Services: Captive Portal Zones

Non sécurisé | 192.168.10.254/services_captiveportal_zones.php

pfSense COMMUNITY EDITION

System Interfaces Firewall Services VPN Status Diagnostics Help

Services / Captive Portal

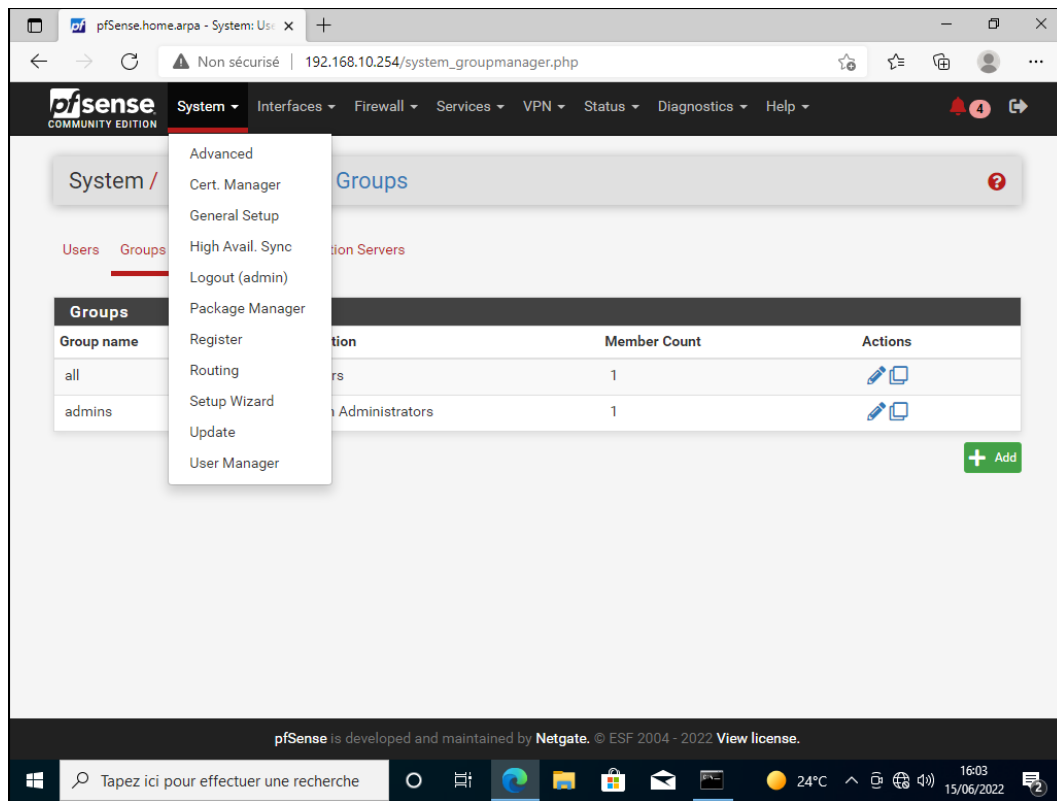
Captive Portal Zones

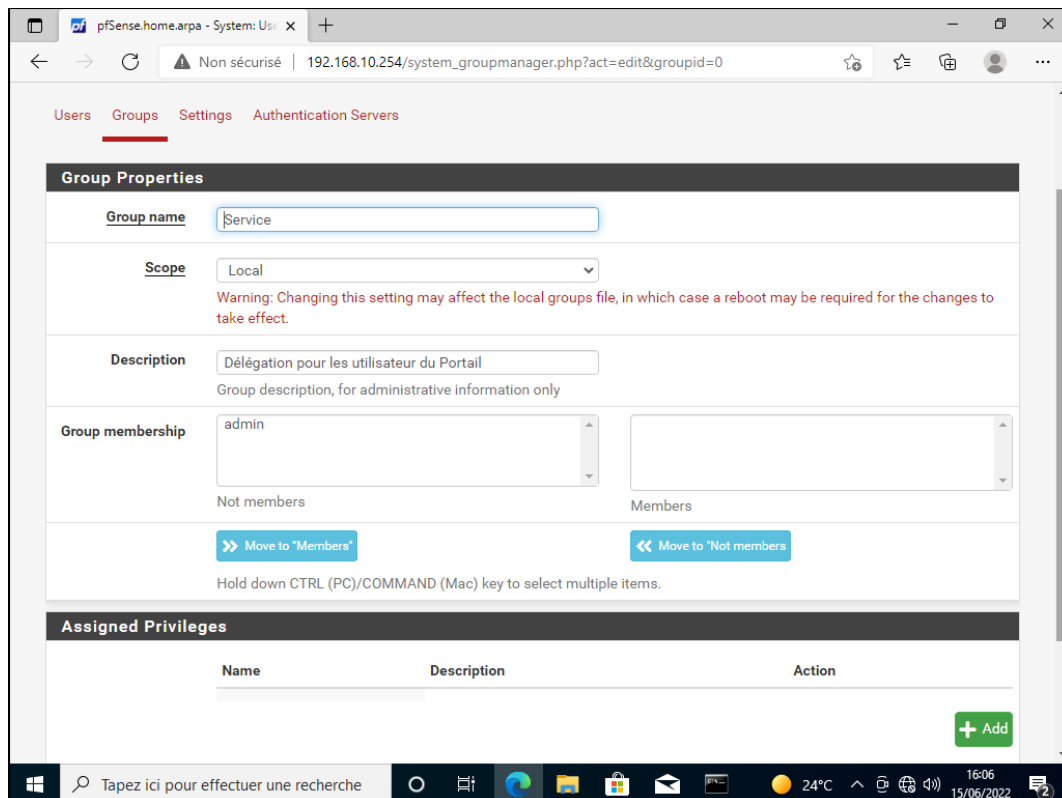
Zone	Interfaces	Number of users	Description	Actions
Portail	LAN	0	Portail Captif	Edit Delete

[+ Add](#)

4.1 Configuration du Groupe et des Utilisateurs pour la délégation du Portail Captif

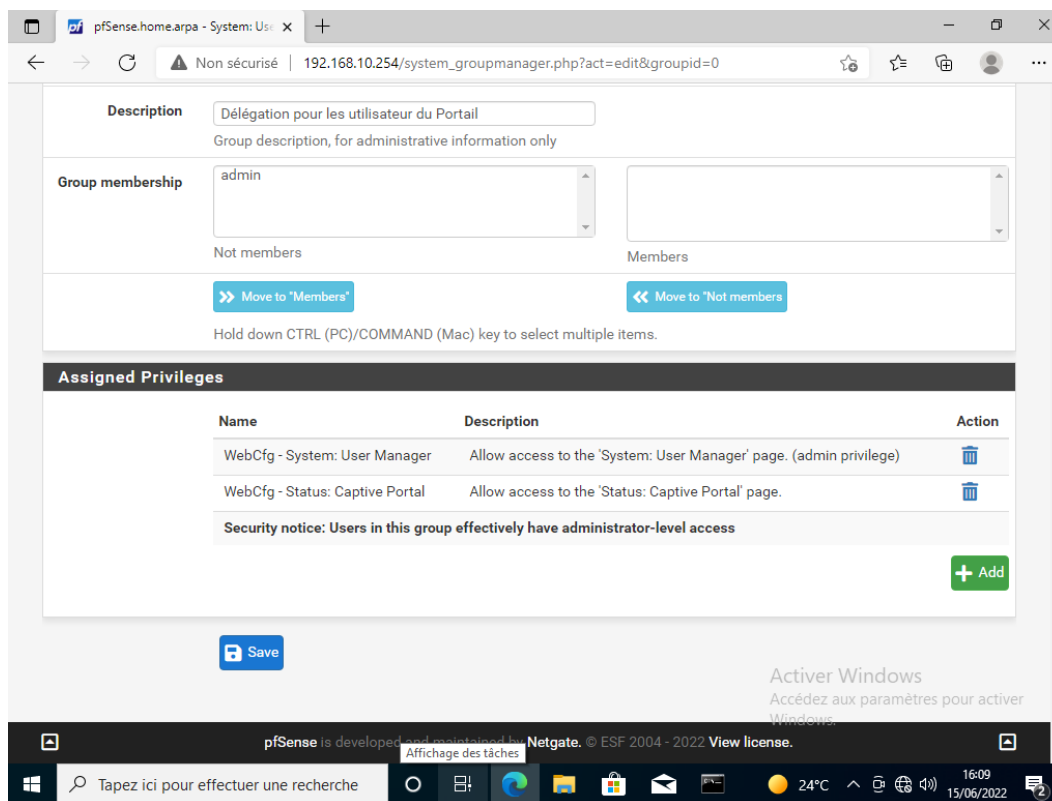
Nous allons configurer le groupe depuis l'onglet **System - User Manager - Groups**





Dans Assigned Privileges on clique sur Add

Sélectionnez dans la liste « **WebCfg – System: User Manager** » et « **WebCfg – Status: Captive Portal** »



Nous allons dans **Users** et ajoutons notre User

pfSense COMMUNITY EDITION System Interfaces Firewall Services VPN Status Diagnostics Help

System / User Manager / Users / Edit

Users Groups Settings Authentication Servers

User Properties

Defined by USER

Disabled ☐ This user cannot login

Username agent

Password [masked] [masked]

Full name Agent autorisé dans la création des utilisateurs du Portail
User's full name, for administrative information only

Expiration date [blank]
Leave blank if the account shouldn't expire, otherwise enter the expiration date as MM/DD/YYYY

Custom Settings ☐ Use individual customized GUI options and dashboard layout for this user.

Group membership admins Service

Windows watermark: Activer Windows. Accédez aux paramètres pour activer Windows.

Windows taskbar: Tapez ici pour effectuer une recherche. 24°C. 16:13 15/06/2022.

pfSense COMMUNITY EDITION System Interfaces Firewall Services VPN Status Diagnostics Help

System / User Manager / Users

Users Groups Settings Authentication Servers

Users

	Username	Full name	Status	Groups	Actions
<input type="checkbox"/>	admin	System Administrator	✓	admins	
<input checked="" type="checkbox"/>	agent	Agent autorisé dans la création des utilisateurs du Portail	✓	Service	

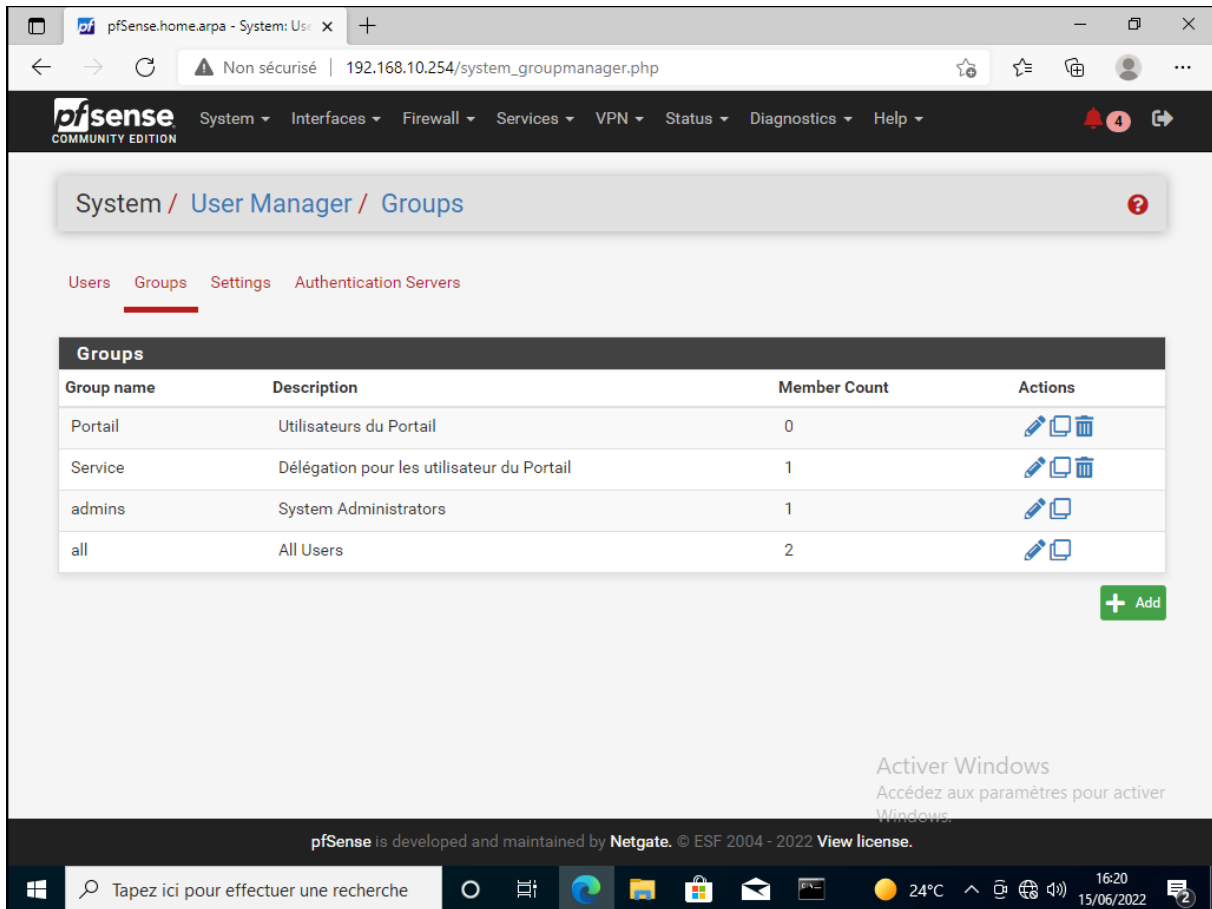
Add Delete

Windows watermark: Activer Windows. Accédez aux paramètres pour activer Windows.

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Windows taskbar: Tapez ici pour effectuer une recherche. 24°C. 16:15 15/06/2022.

4.2 Configuration du Groupe et des Utilisateurs autorisés à se connecter au Portail Captif



The screenshot displays the pfSense User Manager Groups configuration page. The breadcrumb trail is System / User Manager / Groups. The page has tabs for Users, Groups (selected), Settings, and Authentication Servers. A table lists the configured groups:

Group name	Description	Member Count	Actions
Portail	Utilisateurs du Portail	0	[Edit] [Clone] [Delete]
Service	Délégation pour les utilisateur du Portail	1	[Edit] [Clone] [Delete]
admins	System Administrators	1	[Edit] [Clone]
all	All Users	2	[Edit] [Clone]

An '+ Add' button is located at the bottom right of the table. The footer of the page indicates 'pfSense is developed and maintained by Netgate. © ESF 2004 - 2022 View license.' The Windows taskbar at the bottom shows the date as 15/06/2022 and the time as 16:20.

The top screenshot shows the pfSense User Manager 'Add Privileges' interface. The breadcrumb trail is 'System / User Manager / Groups / Edit / Add Privileges'. The 'Group' is 'Portail'. A dropdown menu is open, showing a list of privileges. The selected privilege is 'User - Services: Captive Portal login'.

The bottom screenshot shows the 'Group Properties' page for the 'Portail' group. The 'Group name' is 'Portail', 'Scope' is 'Local', and 'Description' is 'Utilisateurs du Portail'. The 'Group membership' section shows 'admin' and 'agent' as members. Below this are buttons to 'Move to Members' and 'Move to Not members'. The 'Assigned Privileges' section shows a table with one privilege assigned: 'User - Services: Captive Portal login'.

Name	Description	Action
User - Services: Captive Portal login	Indicates whether the user is able to login on the captive portal.	

[+ Add](#)

Nous nous rendons dans **Users** et ajoutons un User qui pourra se connecter

Users Groups Settings Authentication Servers

User Properties

Defined by: USER

Disabled: ☐ This user cannot login

Username: test

Password: [masked]

Full name: Utilisateur du Portail
User's full name, for administrative information only

Expiration date: [empty]
Leave blank if the account shouldn't expire, otherwise enter the expiration date as MM/DD/YYYY

Custom Settings: ☐ Use individual customized GUI options and dashboard layout for this user.

Group membership: Service admins (Not member of), Portail (Member of)

Buttons: >> Move to "Member of" list, << Move to "Not member of" list

Hold down CTRL (PC)/COMMAND (Mac) key to select multiple items.

System / User Manager / Users

Users Groups Settings Authentication Servers

Users

	Username	Full name	Status	Groups	Actions
<input type="checkbox"/>	admin	System Administrator	✓	admins	
<input checked="" type="checkbox"/>	agent	Agent autorisé dans la création des utilisateurs du Portail	✓	Service	
<input type="checkbox"/>	test	Utilisateur du Portail	✓	Portail	

Buttons: + Add, Delete