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KALETA Maxime

BTS SIO

ensemble SAINT LUC Cambrai
Les chemins de la réussite

Sommaire

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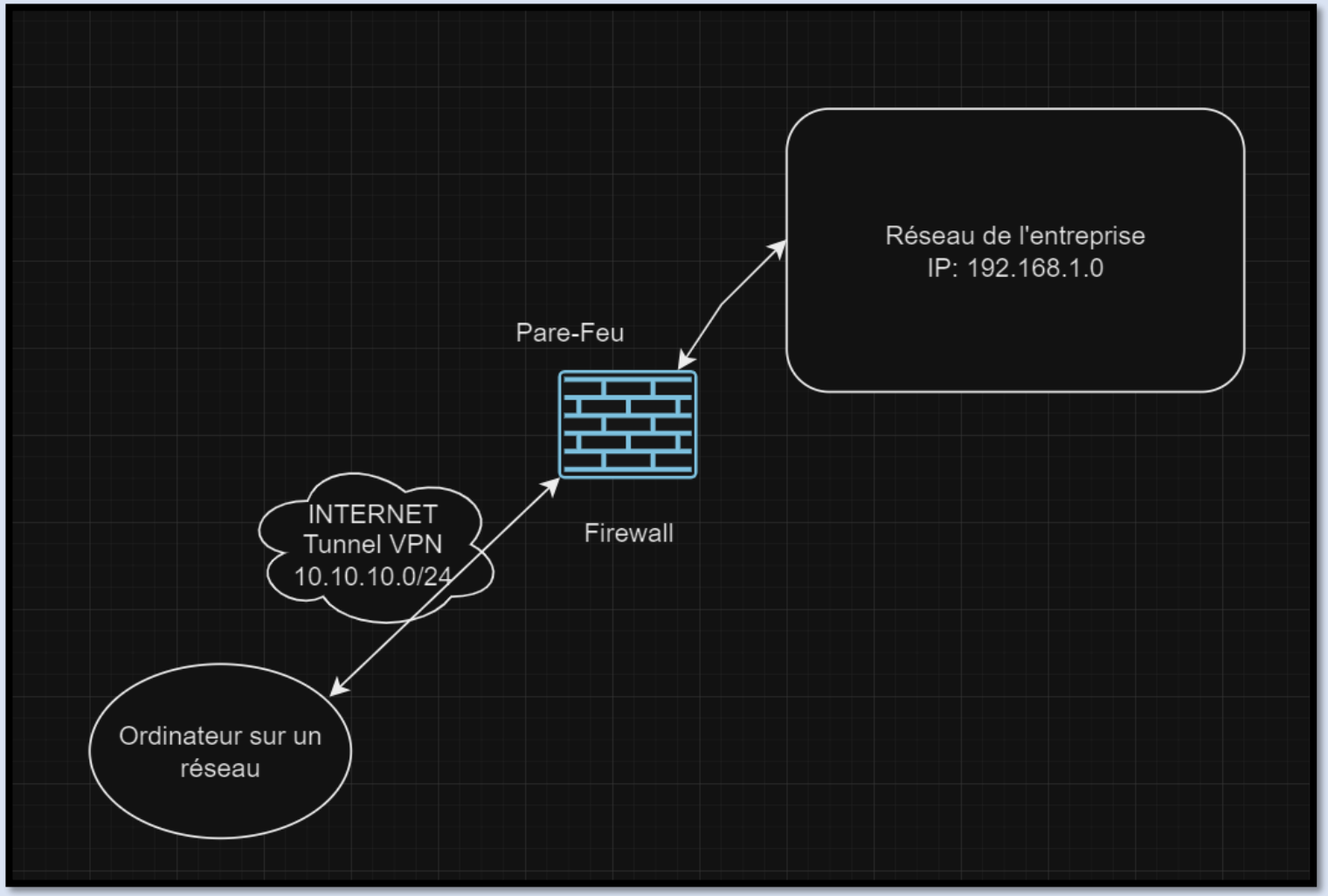
Infrastructure



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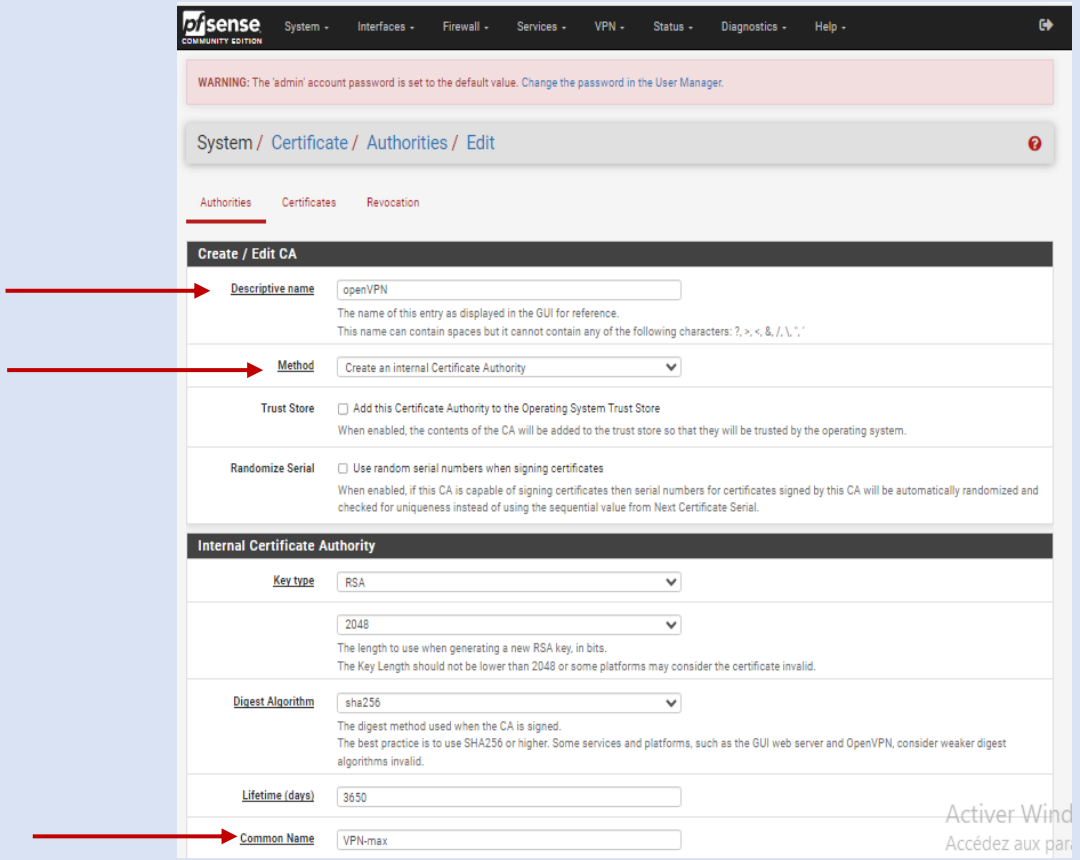
Création autorité de certification

- Ajouter un Name
- séléctionner la bonne Méthod
- donner un NAME Common Name



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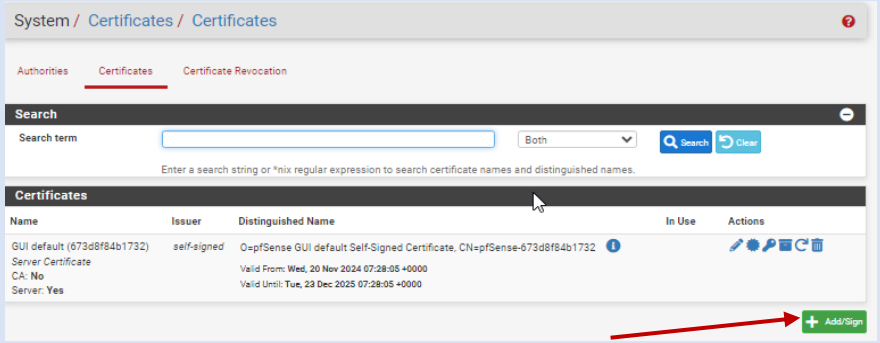
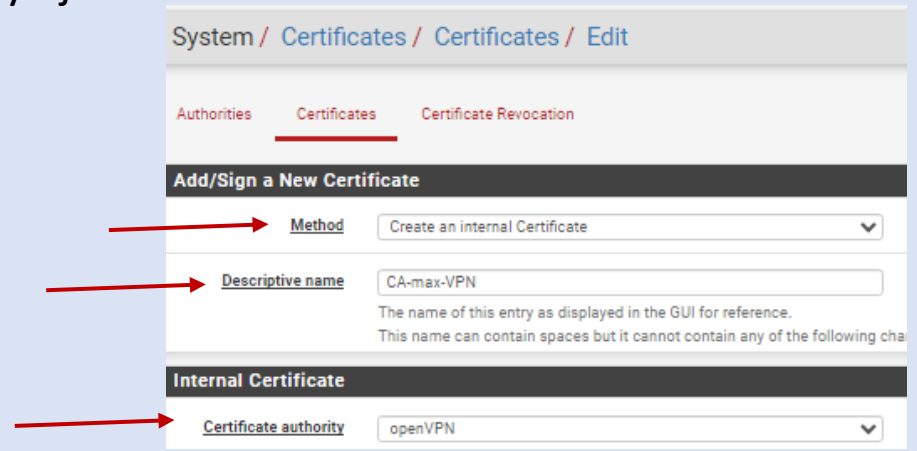
Création du certificat Server

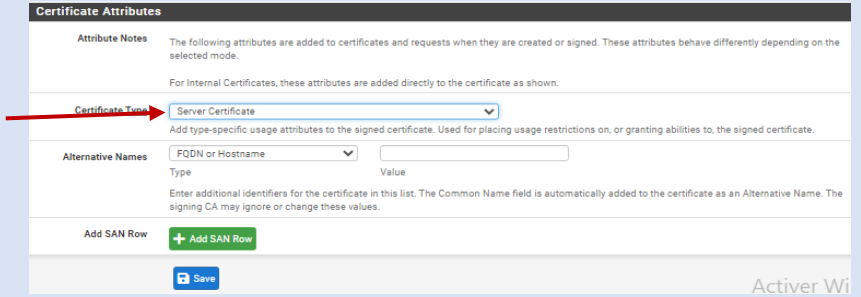
- Cliquer sur « Add/sign »



- Ajouter un Name
- Séléctionner la bonne « Méthod »
- Sélectionner le nom de votre certficat d'authorité
- Ne pas oublier d'y ajouter le « common name »



Sélectionner le type de certificat



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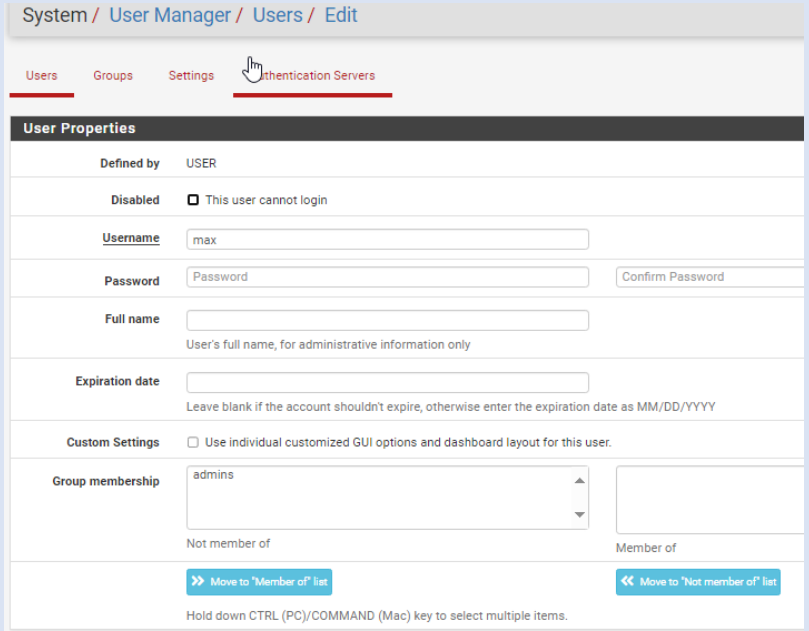
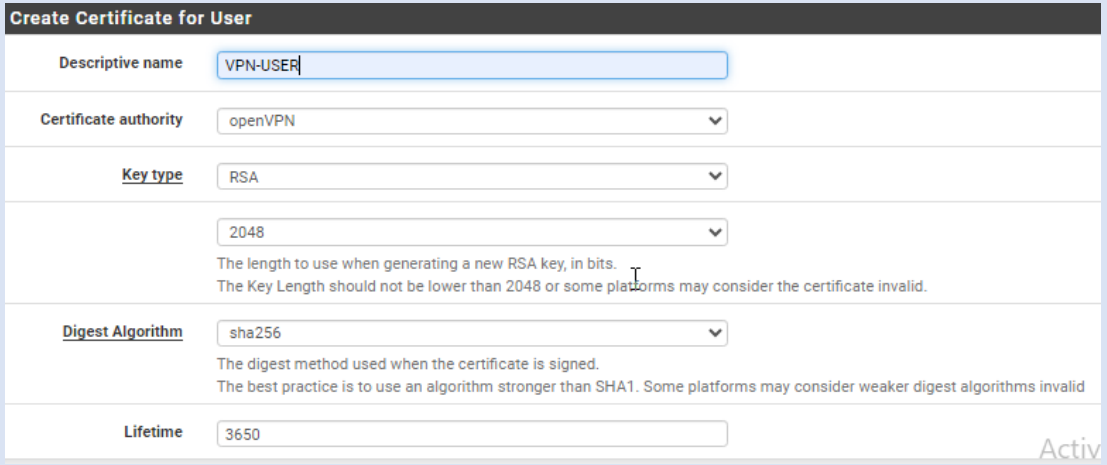
Création des utilisateurs locaux

Dans l'onglet System> User manager> Users> Edit

- Saisir un nom et mot de passe





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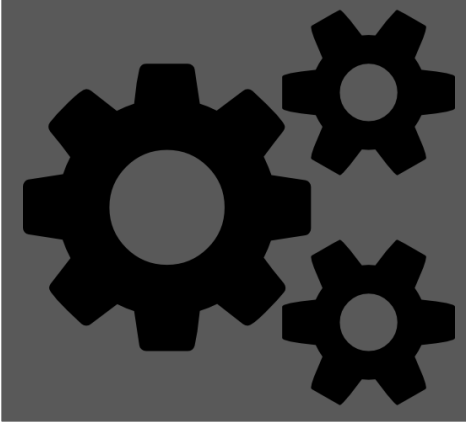
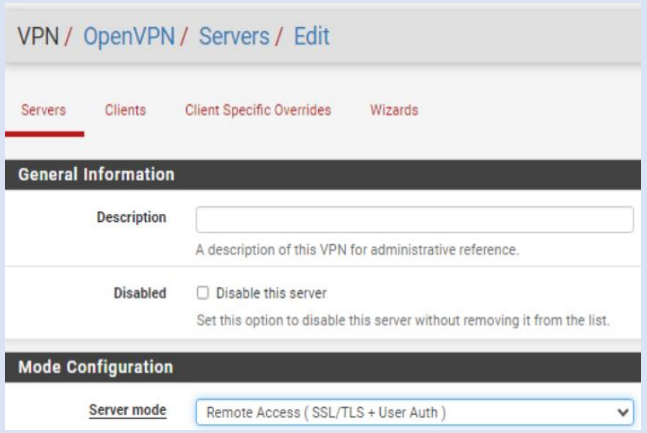
Configuration du server OpenVPN

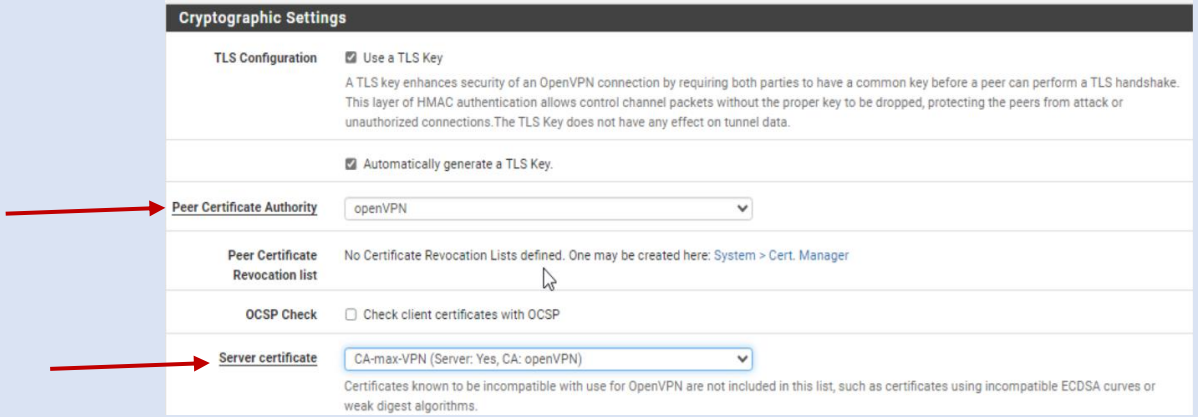


Dans l'onglet VPN> OpenVPN il faut ajouter une configuration

- Changer le Server mode pour mettre celui afin d'avoir une authentification à la connexion.



Sélectionner le certificat d'authentification ainsi le certificat server



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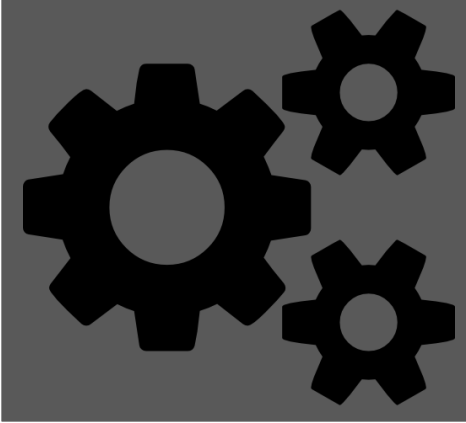
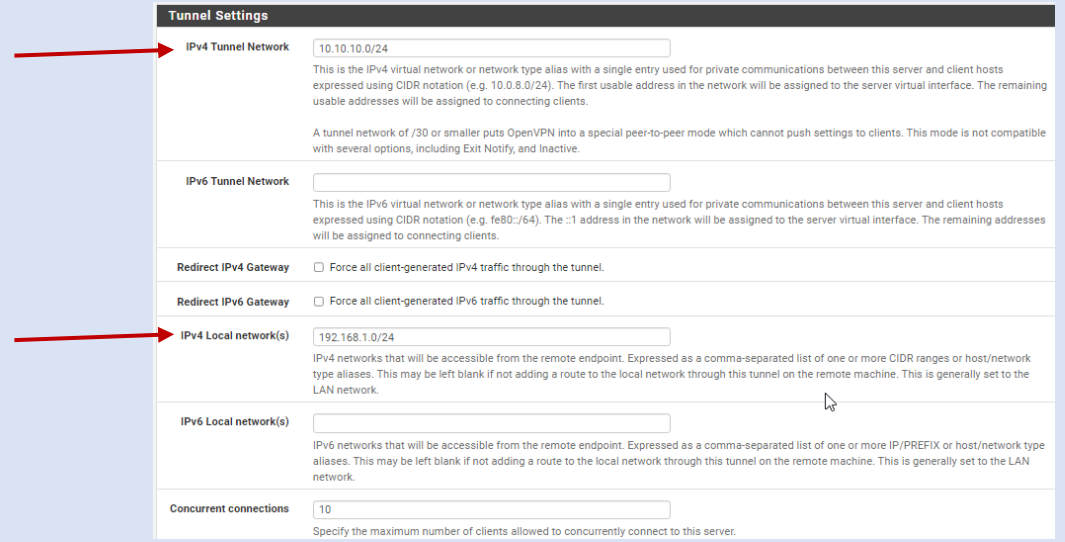
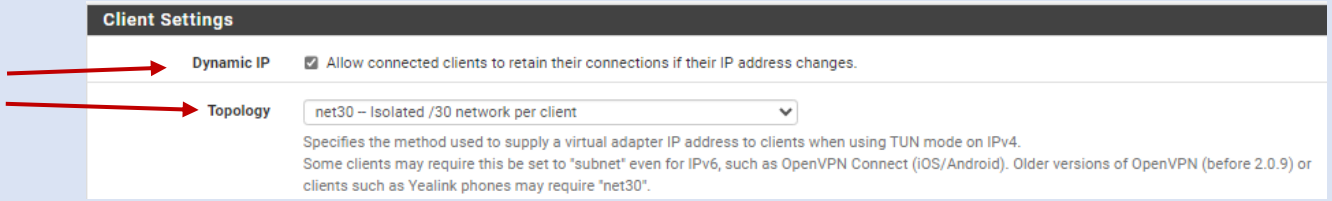
Configuration du server OpenVPN



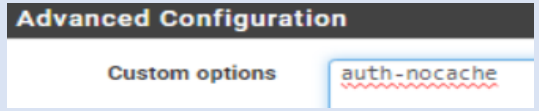
Configuration de l'IP tunnel ainsi que celle du réseau local :

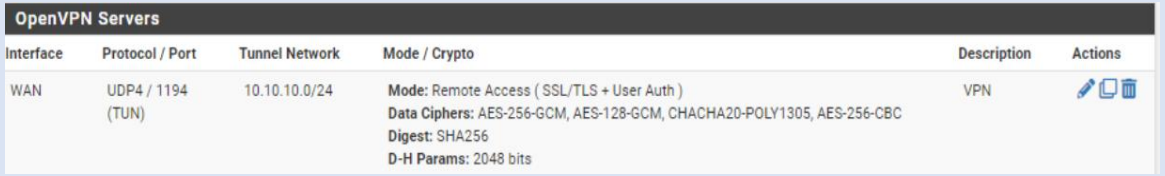


Paramètres du client :



Dans la zone "Custom options", indiquez : auth-nocache. Cette option offre une protection supplémentaire contre le vol des identifiants en refusant la mise en cache





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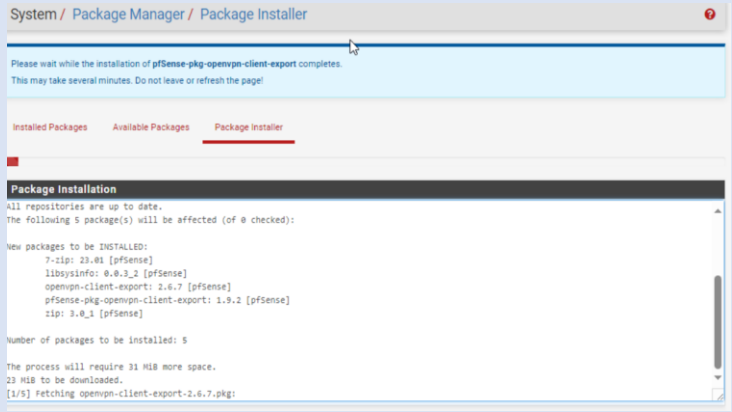
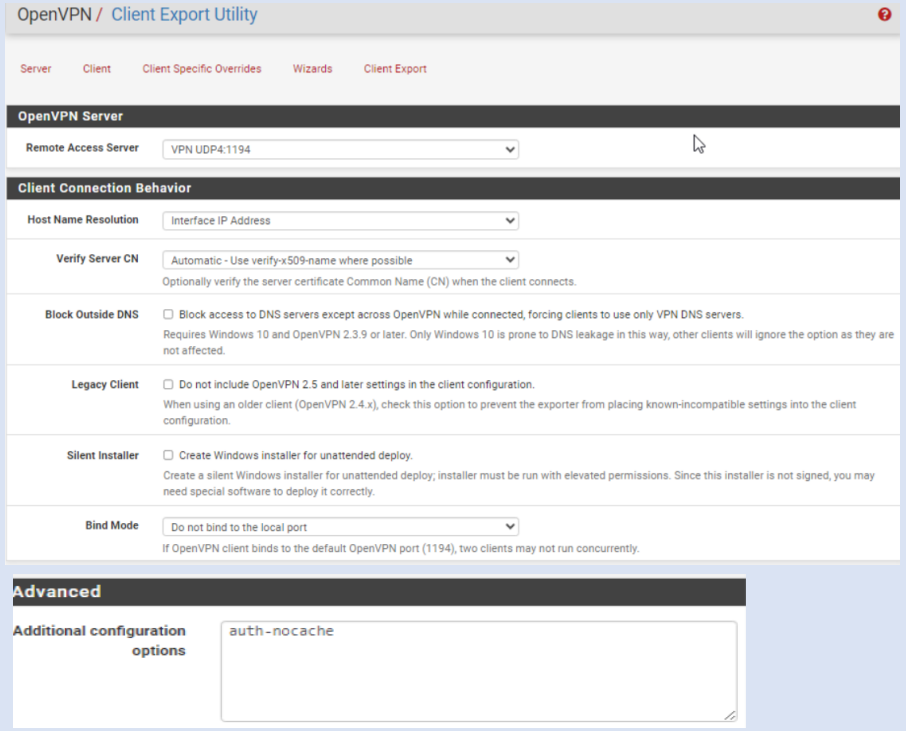
Client d’exportation de la configuration

Pour exporter les fichiers il est nécessaire d’installer un plugin :

Recherchez « openvpn » et installez le premier paquet :



Configuration pour l’exportation du client



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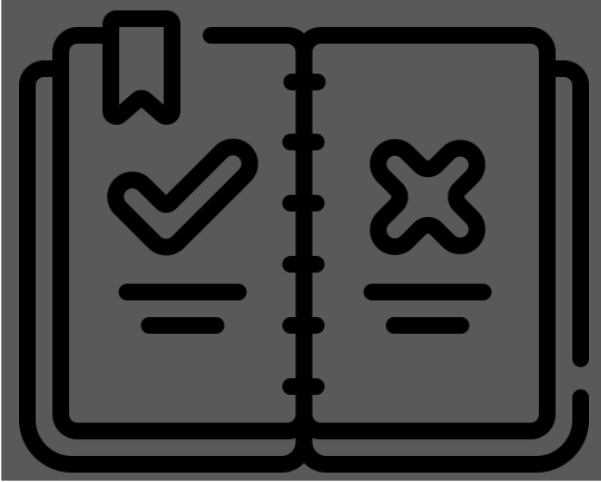
Règles



Wan :

Firewall / Rules / Edit

Edit Firewall Rule

Action	Pass Choose what to do with packets that match the criteria specified below. Hint: the difference between block and reject is that with reject, a packet (TCP RST or ICMP port unreachable for UDP) is returned to the sender, whereas with block the packet is dropped silently. In either case, the original packet is discarded.
Disabled	Disable this rule Set this option to disable this rule without removing it from the list.
Interface	WAN Choose the interface from which packets must come to match this rule.
Address Family	IPv4 Select the Internet Protocol version this rule applies to.
Protocol	UDP Choose which IP protocol this rule should match.

Destination

Destination	Invert match	WAN address	Destination Address	/
Destination Port Range	OpenVPN (1194)		OpenVPN (1194)	
	From	Custom	To	Custom

Specify the destination port or port range for this rule. The "To" field may be left empty if only filtering a single port.

Firewall / Rules / WAN

The changes have been applied successfully. The firewall rules are now reloading in the background.
Monitor the filter reload progress.

Floating | WAN | LAN | OpenVPN

Rules (Drag to Change Order)

	States	Protocol	Source	Port	Destination	Port	Gateway	Queue	Schedule	Description	Actions
✗	0/35 KiB	*	Reserved Not assigned by IANA	*	*	*	*	*		Block bogon networks	
✓	0/0 B	IPv4 UDP	*	*	WAN address	1194 (OpenVPN)	*	none			

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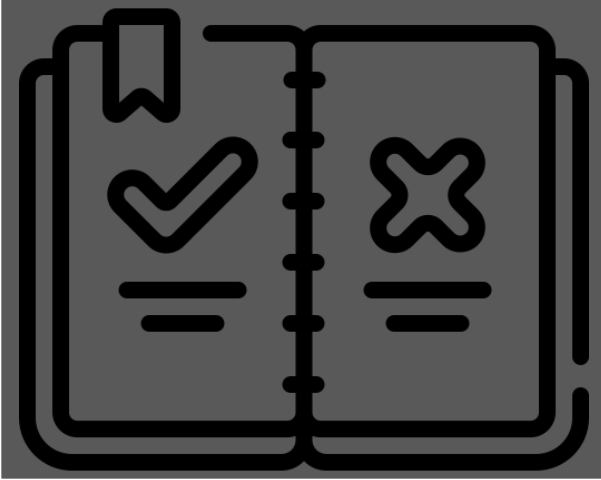
Règles



OpenVPN : Règle pour le contrôle à distance

Firewall / Rules / Edit

Edit Firewall Rule

Action — Pass
Choose what to do with packets that match the criteria specified below.
Hint: the difference between block and reject is that with reject, a packet (TCP RST or ICMP port unreachable for UDP) is returned to the sender, whereas with block the packet is dropped silently. In either case, the original packet is discarded.

Disabled — ☐ Disable this rule
Set this option to disable this rule without removing it from the list.

Interface — OpenVPN
Choose the interface from which packets must come to match this rule.

Address Family — IPv4
Select the Internet Protocol version this rule applies to.

Protocol — TCP
Choose which IP protocol this rule should match.

Destination

Destination — ☐ Invert match — Address or Alias — 192.168.1.2 /

Destination Port Range — (other) — 3389 (From / Custom) — (other) — 3389 (To / Custom)
Specify the destination port or port range for this rule. The "To" field may be left empty if only filtering a single port.

Extra Options

Log — ☐ Log packets that are handled by this rule
Hint: the firewall has limited local log space. Don't turn on logging for everything. If doing a lot of logging, consider using a remote syslog server (see the Status: System Logs: Settings page).

Description — Autoriser RDP vers PC Windows 10
A description may be entered here for administrative reference. A maximum of 52 characters will be used in the ruleset and displayed in the firewall log.

Advanced Options — Display Advanced

Save

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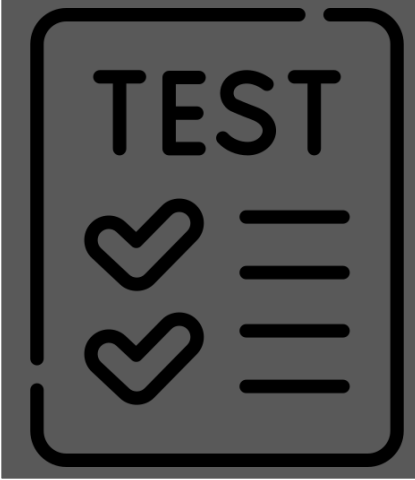
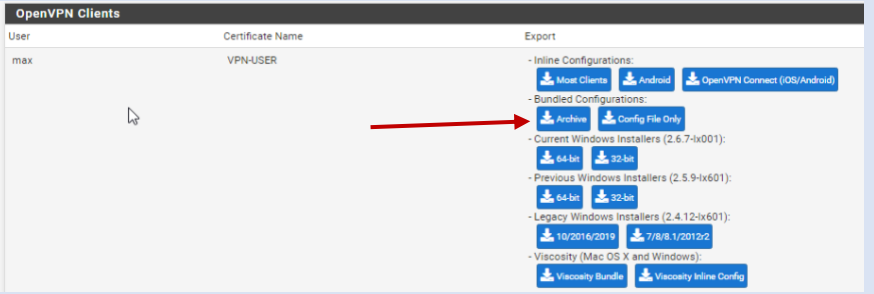
Mise en place et connection du VPN



- Obtention du client

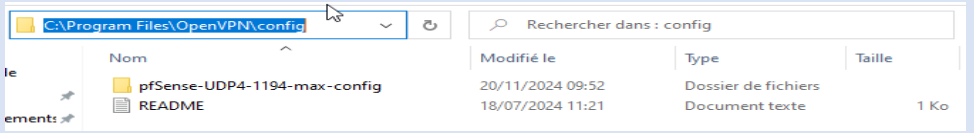
Pour obtenir le client il faut se rendre dans l'onglet OpenVPN puis dans client export :



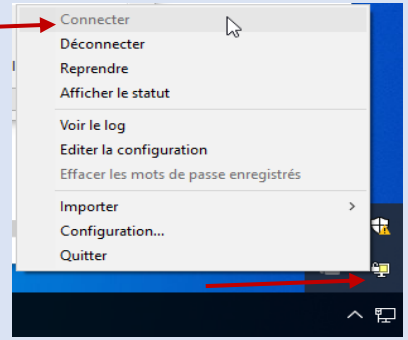
Transfert du Fichier .zip vers la machine hors du réseau via un partage :

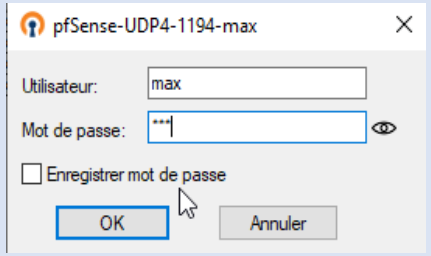
- Installation du client OPENVPN

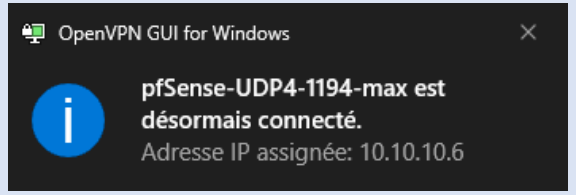
Mettre le fichier de config du vpn dans le chemin ci-dessous :



Je me rends sur l'icone openvpn puis connecter







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