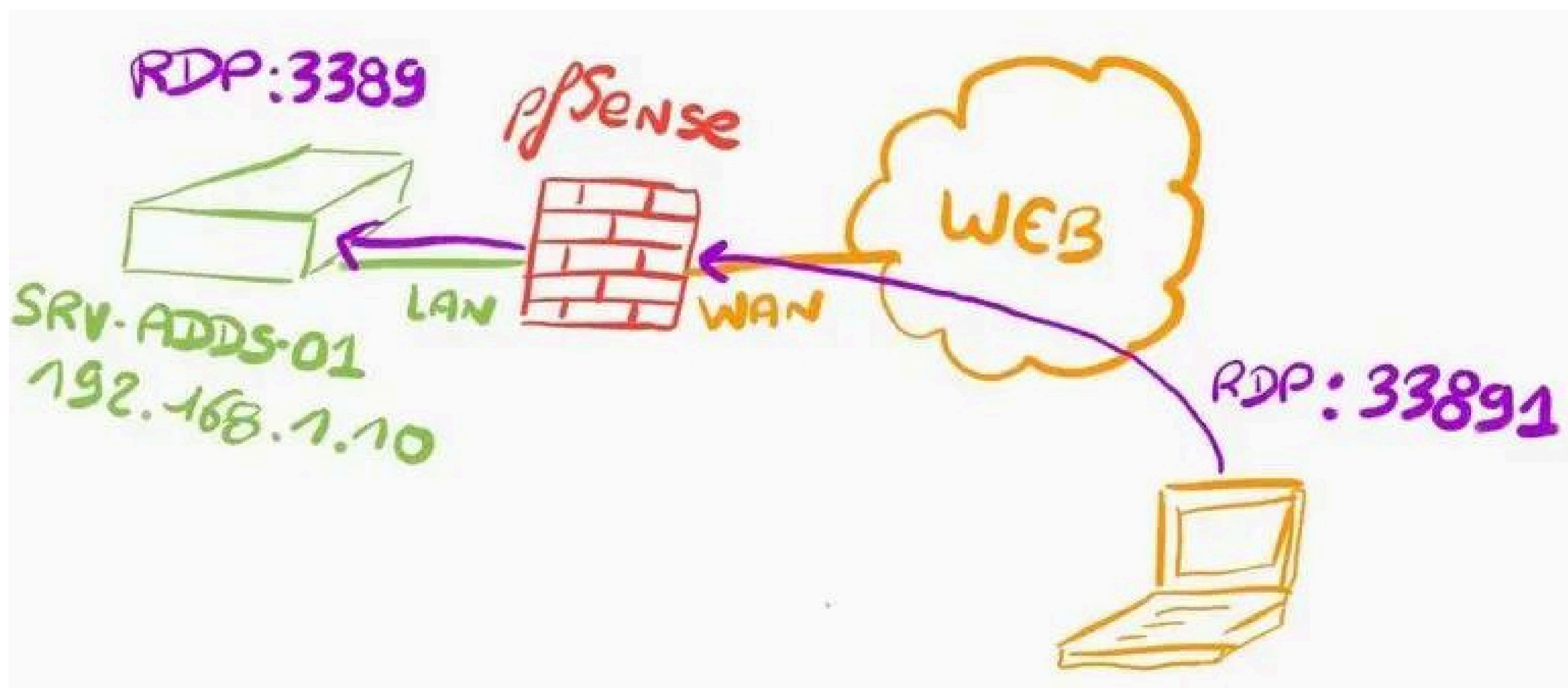


# [TSSR] Redirection de Port avec pfSense



## Procédure création de règle port forwarding

Après connexion à l'interface Pfsens par IP sur navigateur, rendez vous dans (Interface=>WAN) et en bas de page d'éselectionner Block private networks and loopback addresses

Reject leases from

To have the DHCP client reject offers from specific DHCP servers, enter their IP addresses here (separate multiple entries with a comma). This is useful for rejecting leases from cable modems that offer private IP addresses when they lose upstream sync.

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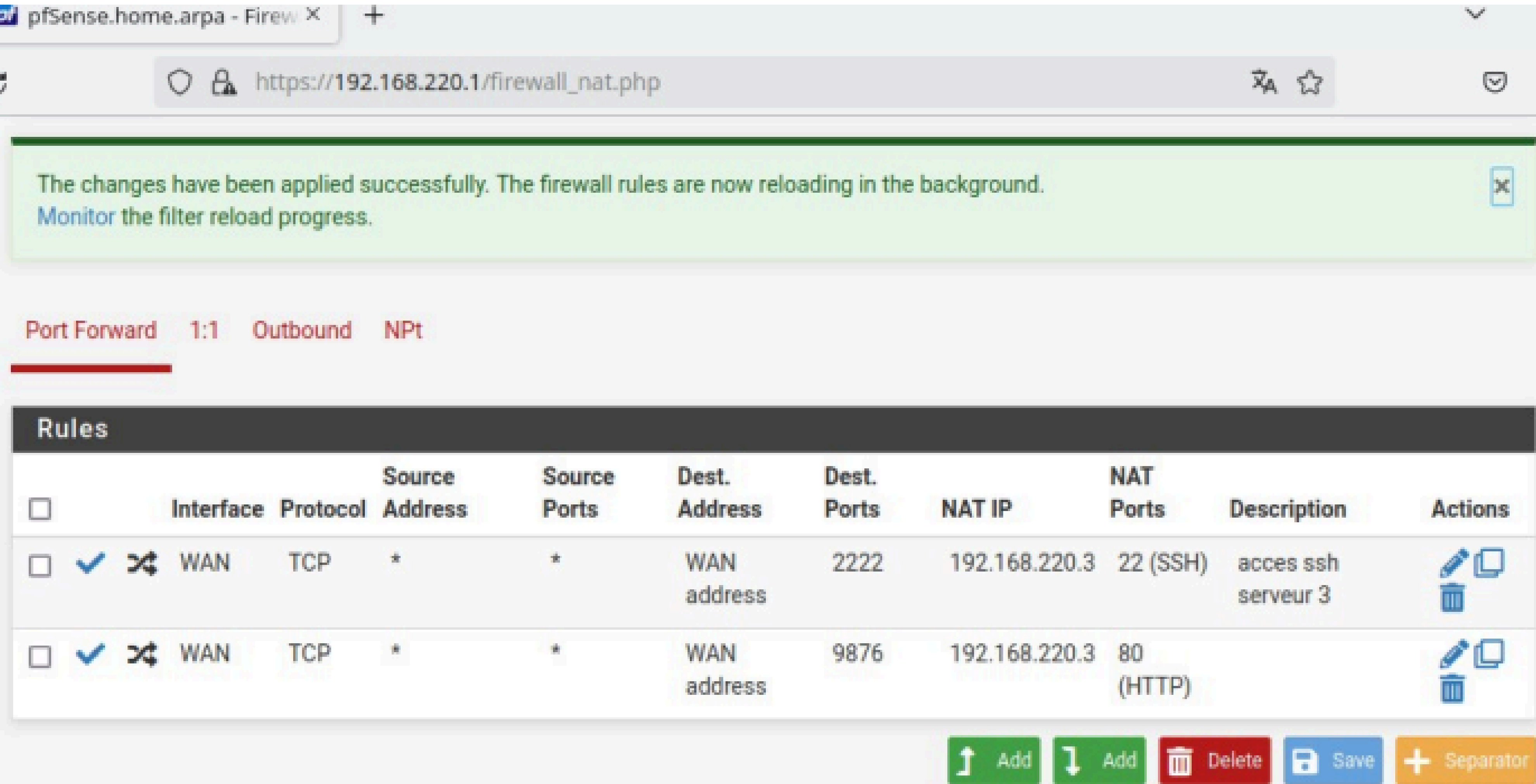
### Reserved Networks

Block private networks and loopback addresses	<input type="checkbox"/>	Blocks traffic from IP addresses that are reserved for private networks per RFC 1918 (10/8, 172.16/12, 192.168/16) and unique local addresses per RFC 4193 (fc00::/7) as well as loopback addresses (127/8). This option should generally be turned on, unless this network interface resides in such a private address space, too.
Block bogon networks	<input checked="" type="checkbox"/>	Blocks traffic from reserved IP addresses (but not RFC 1918) or not yet assigned by IANA. Bogons are prefixes that should never appear in the Internet routing table, and so should not appear as the source address in any packets received. This option should only be used on external interfaces (WANs), it is not necessary on local interfaces and it can potentially block required local traffic. Note: The update frequency can be changed under System > Advanced, Firewall & NAT settings.

Si vous ne cochez pas cette case la connexion sera impossible d'un post externe.

# [TSSR] Redirection de Port avec pfSense

Ensuite aller dans (Firewall=>NAT=>Port Forward) et ajoutez 2 règles de redirection, SSH et HTTP.



Assurez vous de changer les paramètres comme ci-dessous pour la règle SSH.

Interface

WAN

Choose which interface this rule applies to. In most cases "WAN" is specified.

Address Family

IPv4

Select the Internet Protocol version this rule applies to.

Protocol

TCP

Choose which protocol this rule should match. In most cases "TCP" is specified.

Source

Display Advanced

Destination

Invert match.

WAN address

Type

Address/mask

Destination port range

Other

2222

Other

2222

From port

Custom

To port

Custom

Specify the port or port range for the destination of the packet for this mapping. The 'to' field may be left empty if only ma

Redirect target IP

Single host

192.168.220.3

Type

Address

Enter the internal IP address of the server on which to map the ports. e.g.: 192.168.1.12 for IPv4  
In case of IPv6 addresses, in must be from the same "scope",  
i.e. it is not possible to redirect from link-local addresses scope (fe80:\*) to local scope (::1)

Redirect target port

SSH

Port

Custom

# [TSSR] Redirection de Port avec pfSense

Assurez vous de changer les paramètres comme ci-dessous pour la règle HTTP.

Interface

WAN

Choose which interface this rule applies to. In most cases "WAN" is specified.

Address Family

IPv4

Select the Internet Protocol version this rule applies to.

Protocol

TCP

Choose which protocol this rule should match. In most cases "TCP" is specified.

Source

Display Advanced

Destination

☐ Invert match.

WAN address

Type

Address/mask

Destination port range

Other

9876

Other

9876

From port

Custom

To port

Custom

Specify the port or port range for the destination of the packet for this mapping. The 'to' field may be left empty if only mapping to a single port.

Redirect target IP

Single host

192.168.220.3

Type

Address

Enter the internal IP address of the server on which to map the ports. e.g.: 192.168.1.12 for IPv4  
In case of IPv6 addresses, it must be from the same "scope",  
i.e. it is not possible to redirect from link-local addresses scope (fe80:\*) to local scope (::1)

Redirect target port

HTTP

Port

Custom

N’oubliez pas de sauvegarder et ensuite appliquer les changement.

Voici un test de connexion SSH extérieur.

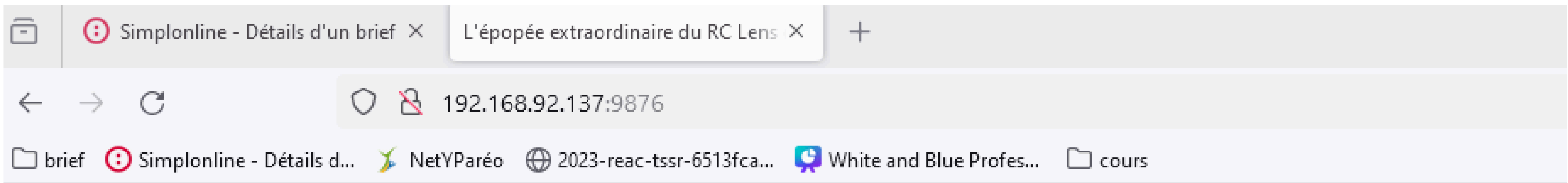
```
C:\Users\Simplon>ssh pierre@192.168.92.137 -p 2222
pierre@192.168.92.137's password:
Linux debi 6.1.0-20-amd64 #1 SMP PREEMPT_DYNAMIC Debian 6.1.85-1 (2024-04-11) x86_64

The programs included with the Debian GNU/Linux system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent
permitted by applicable law.
Last login: Tue May 21 10:19:52 2024 from 192.168.92.1
pierre@debi:~$ ip a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
        valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host noprefixroute
        valid_lft forever preferred_lft forever
2: ens33: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000
    link/ether 00:0c:29:4f:6a:10 brd ff:ff:ff:ff:ff:ff
    altname enp2s1
    inet 192.168.220.3/24 brd 192.168.220.255 scope global ens33
        valid_lft forever preferred_lft forever
    inet6 fe80::20c:29ff:fe4f:6a10/64 scope link
        valid_lft forever preferred_lft forever
pierre@debi:~$
```

# [TSSR] Redirection de Port avec pfSense

Voici un test de connexion HTTP extérieure avec l'adresse IP WAN du PfSense plus le port dans notre cas (192.168.92.137:9876).



## L'épopée extraordinaire du RC Lens en Ligue des champions 1999

### Introduction

La saison 1998-1999 restera gravée à jamais dans la mémoire des supporters du Racing Club de Lens. Après avoir remporté le titre de champion le club artésien a réalisé un parcours exceptionnel en Ligue des champions, atteignant les demi-finales de la compétition.

Cette épopée extraordinaire a été marquée par des moments inoubliables, comme la victoire 3-1 contre le Bayern Munich en phase de groupes, ou les quarts de finale.

Le RC Lens a finalement échoué aux portes de la finale, battu par le FC Barcelone, mais son parcours a marqué l'histoire du football français et e

Logs dans Status=>System logs=>Firewall

✓	May 21 09:26:03	LAN	let out anything IPv4 from firewall host itself (1000002665)	192.168.92.1:62969	192.168.220.3:22	TCP:S
✓	May 21 09:24:57	LAN	let out anything IPv4 from firewall host itself (1000002665)	192.168.92.1:62968	192.168.220.3:80	TCP:S