

Practica Examen con PFSense

Configuración inicial.

Asignación de interfaces WAN Y LAN.

```
If the names of the interfaces are not known, auto-detection can
be used instead. To use auto-detection, please disconnect all
interfaces before pressing 'a' to begin the process.

Enter the WAN interface name or 'a' for auto-detection
(em0 em1 or a): em1

Enter the LAN interface name or 'a' for auto-detection
NOTE: this enables full Firewalling/NAT mode.
(em0 a or nothing if finished): em0

The interfaces will be assigned as follows:

WAN  -> em1
LAN  -> em0

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

Writing configuration...done.
One moment while the settings are reloading... done!
```

IP del router(WAN).

```
Enter an option: 2

Available interfaces:

1 - WAN (em1 - static)
2 - LAN (em0)

Enter the number of the interface you wish to configure: 1

Configure IPv4 address WAN interface via DHCP? (y/n) n

Enter the new WAN IPv4 address. Press <ENTER> for none:
> 172.16.1.1

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 WAN IPv4 subnet bit count (1 to 32):
> 24

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

IP del router(WAN).

```
8) Shell

Enter an option: 2

Available interfaces:

1 - WAN (em1 - static)
2 - LAN (em0)

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

Enter the new LAN IPv4 address. Press <ENTER> for none:
> 10.25.25.1

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):
> 8

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

IP a la que hay que acceder desde el cliente interno para configurar el firewall con interfaz grafica.

```
The IPv4 LAN address has been set to 10.25.25.1/8
You can now access the webConfigurator by opening the following URL in your web
browser:

    http://10.25.25.1/

Press <ENTER> to continue.
VMware Virtual Machine - Netgate Device ID: 63756e9ccd80a70693f5

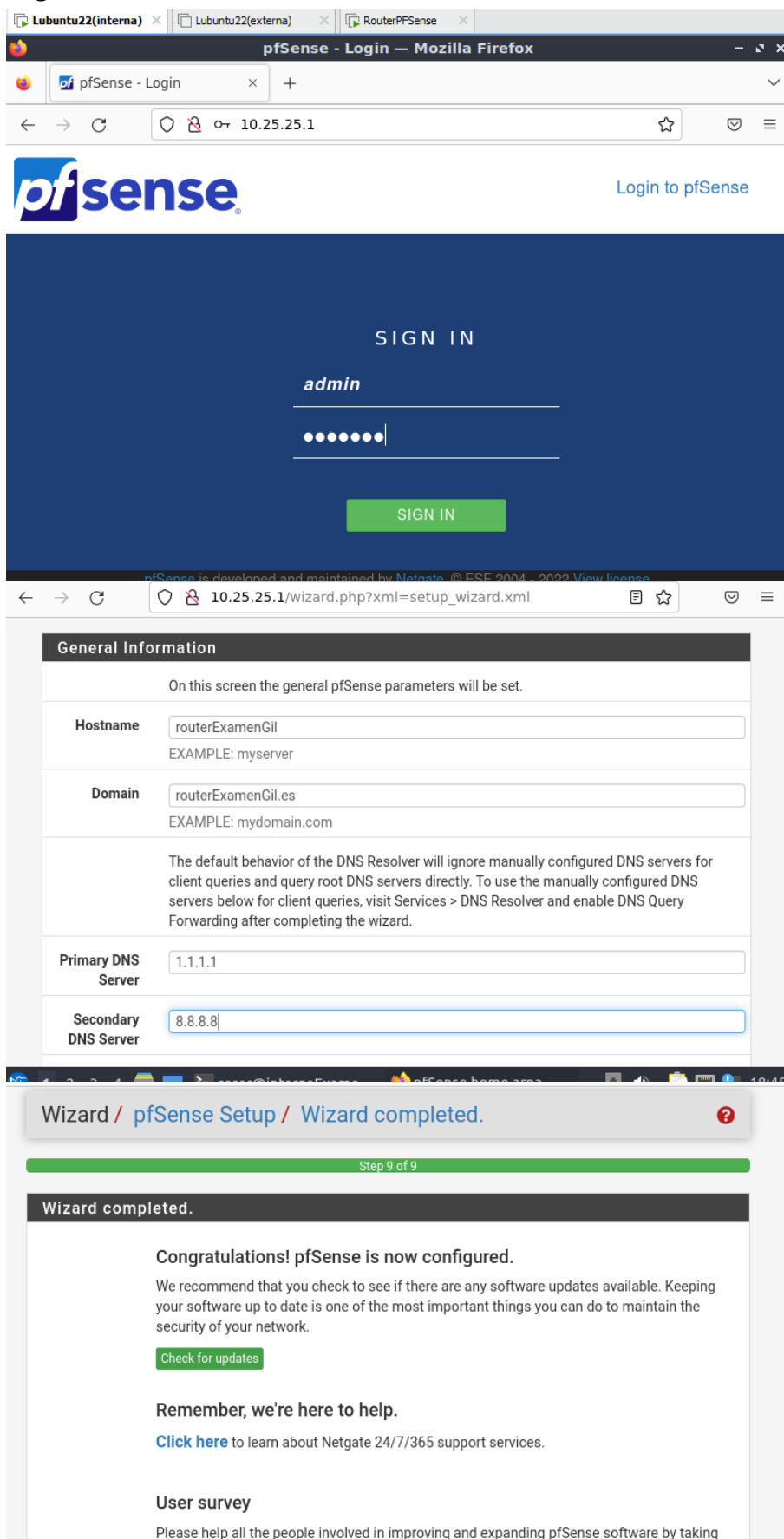
*** Welcome to pfSense 2.6.0-RELEASE (amd64) on pfSense ***

WAN (wan)      -> em1      -> v4: 172.16.1.1/24
LAN (lan)      -> em0      -> v4: 10.25.25.1/8

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: 
```

Login PFSense.



The image shows a sequence of three screenshots from a web browser. The first screenshot is the pfSense login page, accessed at 10.25.25.1. It features the pfSense logo and a 'Login to pfSense' link. The login form has a 'SIGN IN' heading, a username field with 'admin' entered, a password field with masked characters, and a green 'SIGN IN' button. The second screenshot shows the 'General Information' step of the pfSense setup wizard at 10.25.25.1/wizard.php?xml=setup_wizard.xml. It includes fields for Hostname (routerExamenGil), Domain (routerExamenGil.es), Primary DNS Server (1.1.1.1), and Secondary DNS Server (8.8.8.8). The third screenshot shows the 'Wizard completed' screen, indicating that pfSense is now configured. It includes a progress bar for 'Step 9 of 9', a congratulatory message, a 'Check for updates' button, and a link to support services.

pfSense - Login — Mozilla Firefox

pfSense - Login

10.25.25.1

pfSense

Login to pfSense

SIGN IN

admin

●●●●●●

SIGN IN

10.25.25.1/wizard.php?xml=setup_wizard.xml

General Information

On this screen the general pfSense parameters will be set.

Hostname: routerExamenGil
EXAMPLE: myserver

Domain: routerExamenGil.es
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: 1.1.1.1

Secondary DNS Server: 8.8.8.8

Wizard / pfSense Setup / Wizard completed.

Step 9 of 9

Wizard completed.

Congratulations! pfSense is now configured.

We recommend that you check to see if there are any software updates available. Keeping your software up to date is one of the most important things you can do to maintain the security of your network.

[Check for updates](#)

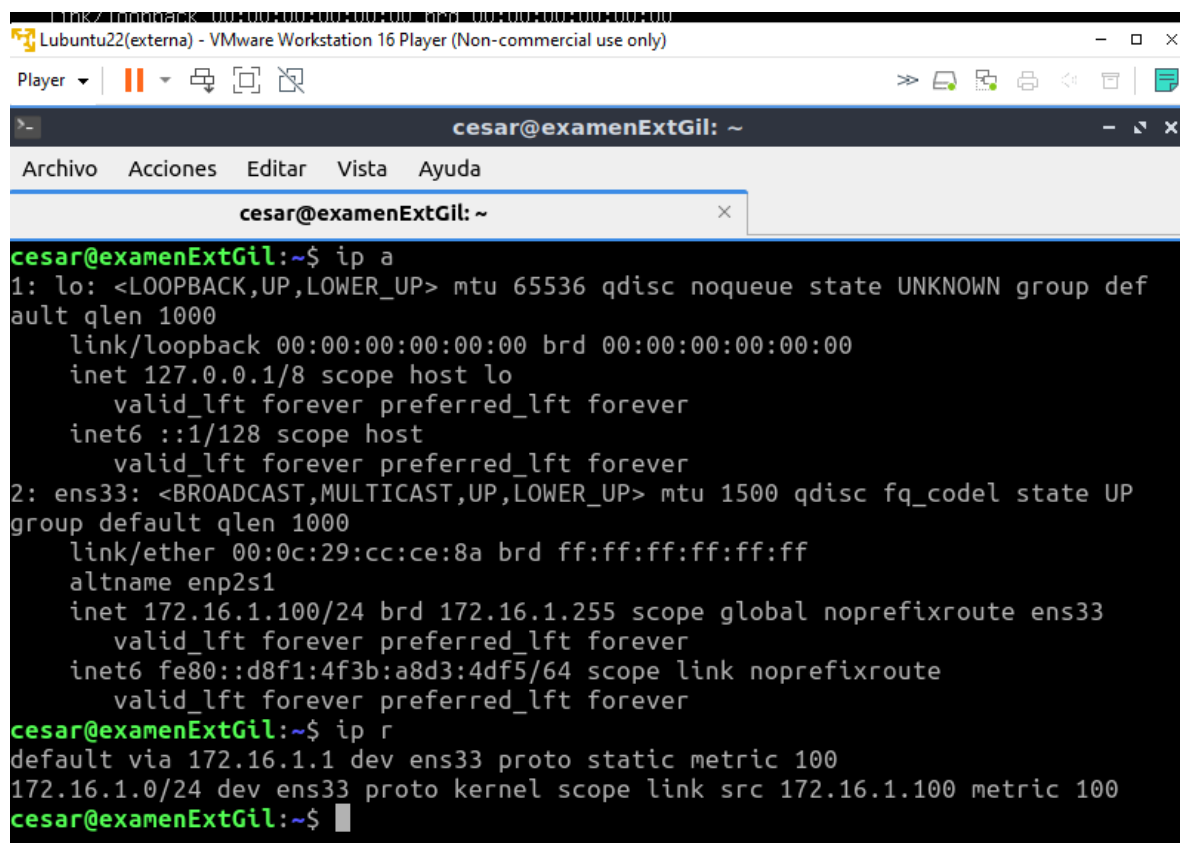
Remember, we're here to help.

[Click here](#) to learn about Netgate 24/7/365 support services.

User survey

Please help all the people involved in improving and expanding pfSense software by taking

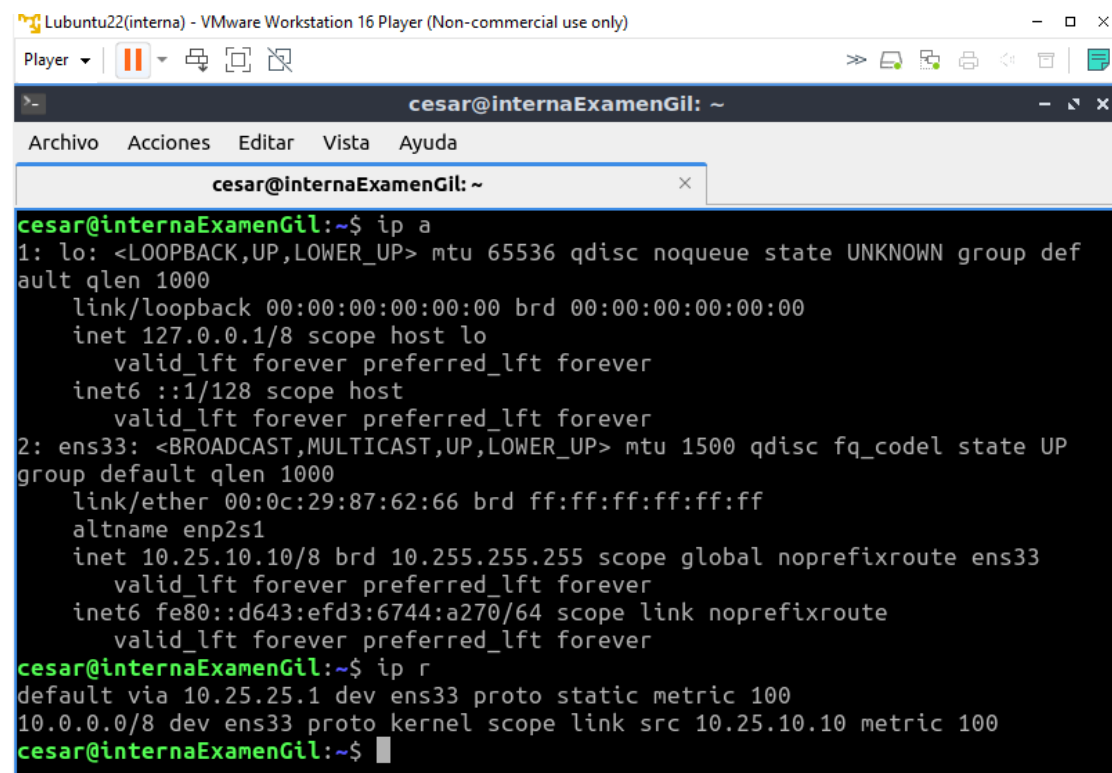
IP del cliente.



The screenshot shows a terminal window titled 'cesar@examenExtGil: ~' within a VMware Workstation 16 Player. The terminal displays the output of the 'ip a' and 'ip r' commands. The 'ip a' command shows details for the loopback interface 'lo' (127.0.0.1) and the ethernet interface 'ens33' (172.16.1.100). The 'ip r' command shows the default route via 172.16.1.1 on interface ens33.

```
cesar@examenExtGil:~$ ip a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group def
ault 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
        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:cc:ce:8a brd ff:ff:ff:ff:ff:ff
    altname enp2s1
    inet 172.16.1.100/24 brd 172.16.1.255 scope global noprefixroute ens33
        valid_lft forever preferred_lft forever
    inet6 fe80::d8f1:4f3b:a8d3:4df5/64 scope link noprefixroute
        valid_lft forever preferred_lft forever
cesar@examenExtGil:~$ ip r
default via 172.16.1.1 dev ens33 proto static metric 100
172.16.1.0/24 dev ens33 proto kernel scope link src 172.16.1.100 metric 100
cesar@examenExtGil:~$
```

IP del servidor.

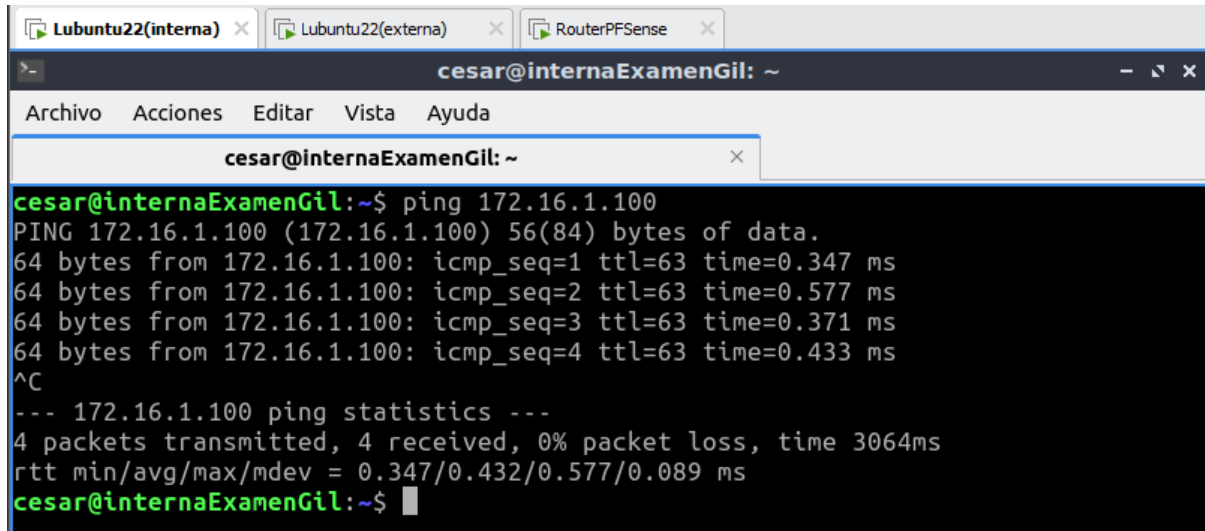


The screenshot shows a terminal window titled 'cesar@internaExamenGil: ~' within a VMware Workstation 16 Player. The terminal displays the output of the 'ip a' and 'ip r' commands. The 'ip a' command shows details for the loopback interface 'lo' (127.0.0.1) and the ethernet interface 'ens33' (10.25.10.10). The 'ip r' command shows the default route via 10.25.25.1 on interface ens33.

```
cesar@internaExamenGil:~$ ip a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group def
ault 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
        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:29:87:62:66 brd ff:ff:ff:ff:ff:ff
    altname enp2s1
    inet 10.25.10.10/8 brd 10.255.255.255 scope global noprefixroute ens33
        valid_lft forever preferred_lft forever
    inet6 fe80::d643:efd3:6744:a270/64 scope link noprefixroute
        valid_lft forever preferred_lft forever
cesar@internaExamenGil:~$ ip r
default via 10.25.25.1 dev ens33 proto static metric 100
10.0.0.0/8 dev ens33 proto kernel scope link src 10.25.10.10 metric 100
cesar@internaExamenGil:~$
```

Ping interno a externo con todo en ACCEPT.

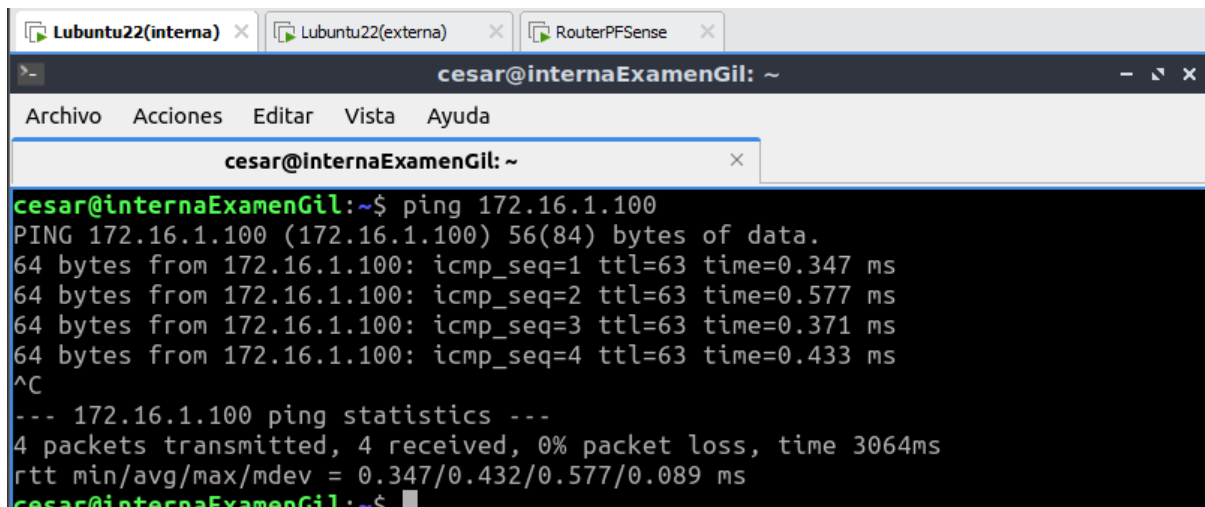
Captura del ping.



```
Lubuntu22(interna) x Lubuntu22(externa) x RouterPFSense x
cesar@internaExamenGil: ~
Archivo Acciones Editar Vista Ayuda
cesar@internaExamenGil: ~
cesar@internaExamenGil:~$ ping 172.16.1.100
PING 172.16.1.100 (172.16.1.100) 56(84) bytes of data.
64 bytes from 172.16.1.100: icmp_seq=1 ttl=63 time=0.347 ms
64 bytes from 172.16.1.100: icmp_seq=2 ttl=63 time=0.577 ms
64 bytes from 172.16.1.100: icmp_seq=3 ttl=63 time=0.371 ms
64 bytes from 172.16.1.100: icmp_seq=4 ttl=63 time=0.433 ms
^C
--- 172.16.1.100 ping statistics ---
4 packets transmitted, 4 received, 0% packet loss, time 3064ms
rtt min/avg/max/mdev = 0.347/0.432/0.577/0.089 ms
cesar@internaExamenGil:~$
```

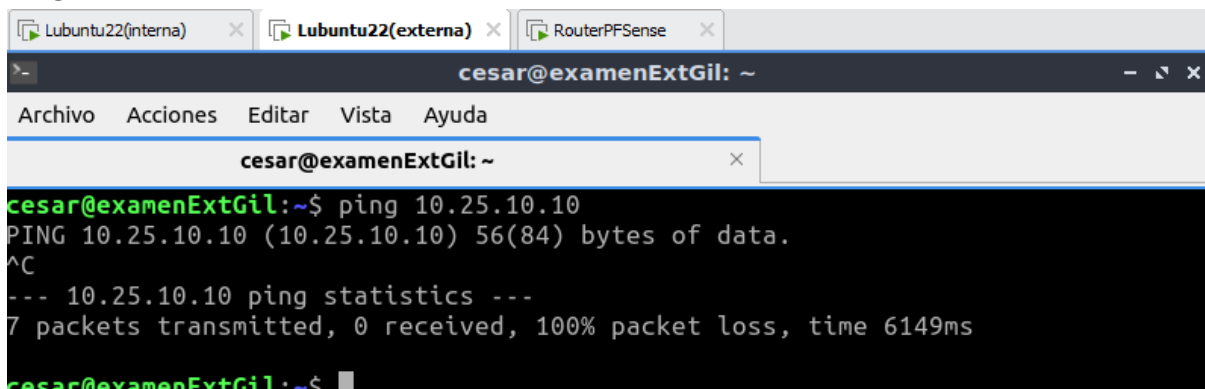
Con todo en DROP, Ping interno a externo pero al revés no.

Captura del ping.



```
Lubuntu22(interna) x Lubuntu22(externa) x RouterPFSense x
cesar@internaExamenGil: ~
Archivo Acciones Editar Vista Ayuda
cesar@internaExamenGil: ~
cesar@internaExamenGil:~$ ping 172.16.1.100
PING 172.16.1.100 (172.16.1.100) 56(84) bytes of data.
64 bytes from 172.16.1.100: icmp_seq=1 ttl=63 time=0.347 ms
64 bytes from 172.16.1.100: icmp_seq=2 ttl=63 time=0.577 ms
64 bytes from 172.16.1.100: icmp_seq=3 ttl=63 time=0.371 ms
64 bytes from 172.16.1.100: icmp_seq=4 ttl=63 time=0.433 ms
^C
--- 172.16.1.100 ping statistics ---
4 packets transmitted, 4 received, 0% packet loss, time 3064ms
rtt min/avg/max/mdev = 0.347/0.432/0.577/0.089 ms
cesar@internaExamenGil:~$
```

Ping fallido externo-interno.



```
Lubuntu22(interna) x Lubuntu22(externa) x RouterPFSense x
cesar@examenExtGil: ~
Archivo Acciones Editar Vista Ayuda
cesar@examenExtGil: ~
cesar@examenExtGil:~$ ping 10.25.10.10
PING 10.25.10.10 (10.25.10.10) 56(84) bytes of data.
^C
--- 10.25.10.10 ping statistics ---
7 packets transmitted, 0 received, 100% packet loss, time 6149ms
cesar@examenExtGil:~$
```

Normas a drop(se ponen por defecto, es decir, todo lo que no este especificado se filtra a drop).

FloatingWANLAN

Rules (Drag to Change Order)

<input type="checkbox"/>	States	Protocol	Source	Port	Destination	Port	Gateway	Queue	Schedule	Description	Actions
<input checked="" type="checkbox"/>	0 /1.50 MiB	*	*	*	LAN Address	80	*	*		Anti- Lockout Rule	

FloatingWANLAN

Rules (Drag to Change Order)

<input type="checkbox"/>	States	Protocol	Source	Port	Destination	Port	Gateway	Queue	Schedule	Description	Actions
<input checked="" type="checkbox"/>	0/0 B	*	Reserved Not assigned by IANA	*	*	*	*	*		Block bogon networks	

No rules are currently defined for this interface
All incoming connections on this interface will be blocked until pass rules are added. Click the button to add a new rule.

Reglas para permitir el ping.

FloatingWANLAN

Rules (Drag to Change Order)

<input type="checkbox"/>	States	Protocol	Source	Port	Destination	Port	Gateway	Queue	Schedule	Description	Actions
<input checked="" type="checkbox"/>	0 /1.56 MiB	*	*	*	LAN Address	80	*	*		Anti- Lockout Rule	
<input checked="" type="checkbox"/>	0 /1008 B	IPv4 ICMP echoreq	LAN net	*	WAN net	*	*	none			

Firewall / Rules / WAN

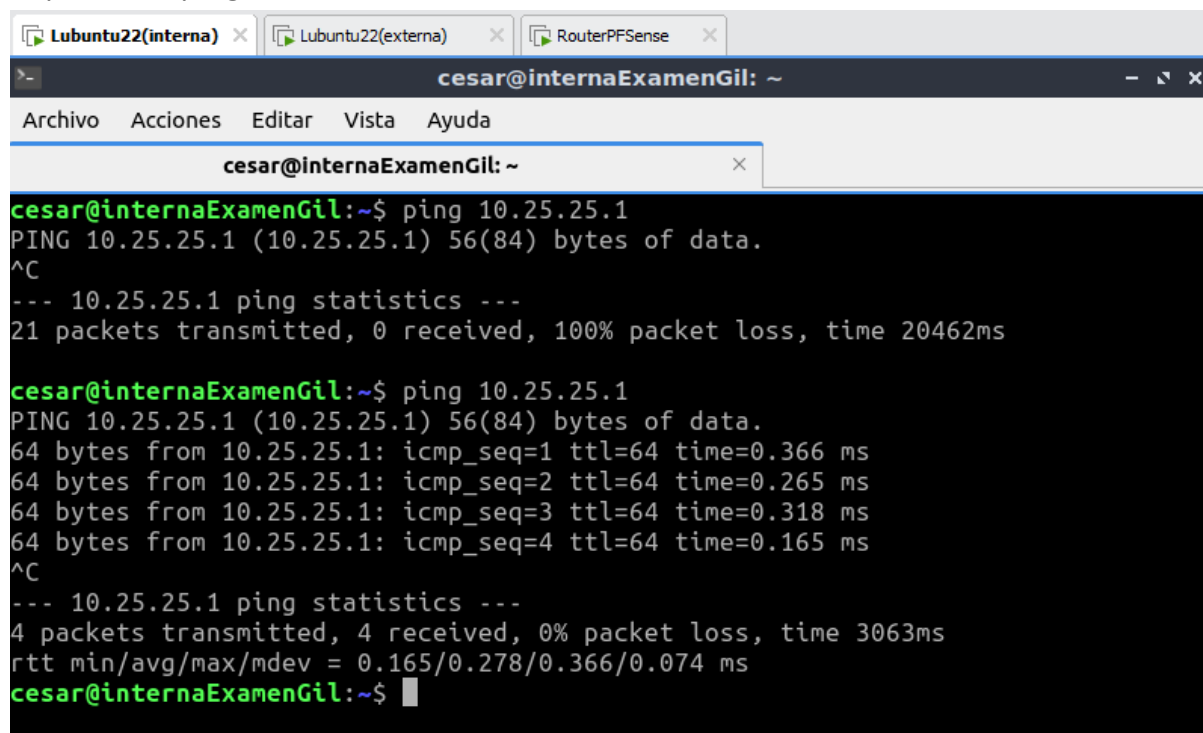
FloatingWANLAN

Rules (Drag to Change Order)

<input type="checkbox"/>	States	Protocol	Source	Port	Destination	Port	Gateway	Queue	Schedule	Description	Actions
<input type="checkbox"/>	0/0 B	IPv4 ICMP echorep	WAN net	*	LAN net	*	*	none			

Ping interno a router pero al revés no.

Captura del ping.

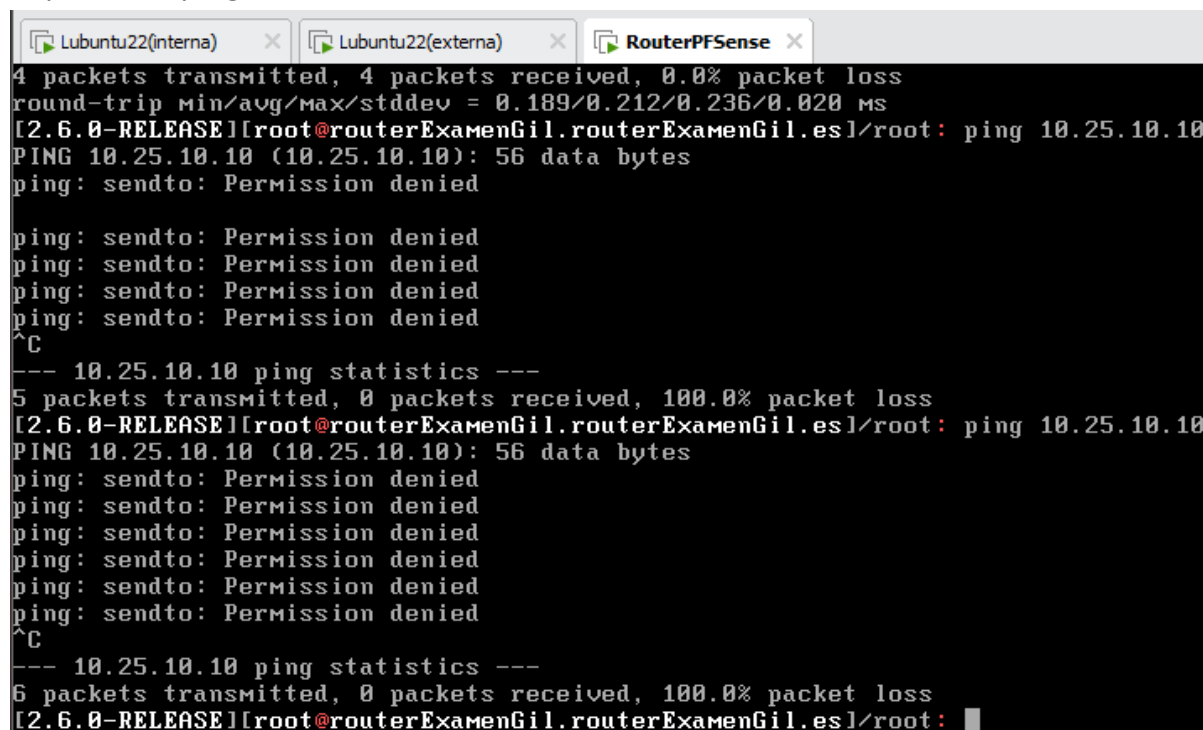


The screenshot shows a terminal window titled 'cesar@internaExamenGil: ~'. The window has tabs for 'Lubuntu22(interna)', 'Lubuntu22(externa)', and 'RouterPFSense'. The terminal output shows two ping attempts to 10.25.25.1. The first attempt shows 21 packets transmitted, 0 received, and 100% packet loss. The second attempt shows 4 packets transmitted, 4 received, and 0% packet loss.

```
cesar@internaExamenGil:~$ ping 10.25.25.1
PING 10.25.25.1 (10.25.25.1) 56(84) bytes of data.
^C
--- 10.25.25.1 ping statistics ---
21 packets transmitted, 0 received, 100% packet loss, time 20462ms

cesar@internaExamenGil:~$ ping 10.25.25.1
PING 10.25.25.1 (10.25.25.1) 56(84) bytes of data.
64 bytes from 10.25.25.1: icmp_seq=1 ttl=64 time=0.366 ms
64 bytes from 10.25.25.1: icmp_seq=2 ttl=64 time=0.265 ms
64 bytes from 10.25.25.1: icmp_seq=3 ttl=64 time=0.318 ms
64 bytes from 10.25.25.1: icmp_seq=4 ttl=64 time=0.165 ms
^C
--- 10.25.25.1 ping statistics ---
4 packets transmitted, 4 received, 0% packet loss, time 3063ms
rtt min/avg/max/mdev = 0.165/0.278/0.366/0.074 ms
cesar@internaExamenGil:~$
```

Captura del ping fallido router-interno.



The screenshot shows a terminal window titled 'cesar@internaExamenGil: ~'. The window has tabs for 'Lubuntu22(interna)', 'Lubuntu22(externa)', and 'RouterPFSense'. The terminal output shows two ping attempts to 10.25.10.10. The first attempt shows 4 packets transmitted, 4 packets received, and 0.0% packet loss. The second attempt shows 5 packets transmitted, 0 packets received, and 100.0% packet loss.

```
4 packets transmitted, 4 packets received, 0.0% packet loss
round-trip min/avg/max/stddev = 0.189/0.212/0.236/0.020 ms
[2.6.0-RELEASE][root@routerExamenGil.routerExamenGil.es]/root: ping 10.25.10.10
PING 10.25.10.10 (10.25.10.10): 56 data bytes
ping: sendto: Permission denied

ping: sendto: Permission denied
ping: sendto: Permission denied
ping: sendto: Permission denied
ping: sendto: Permission denied
^C
--- 10.25.10.10 ping statistics ---
5 packets transmitted, 0 packets received, 100.0% packet loss
[2.6.0-RELEASE][root@routerExamenGil.routerExamenGil.es]/root: ping 10.25.10.10
PING 10.25.10.10 (10.25.10.10): 56 data bytes
ping: sendto: Permission denied
ping: sendto: Permission denied
ping: sendto: Permission denied
ping: sendto: Permission denied
ping: sendto: Permission denied
ping: sendto: Permission denied
^C
--- 10.25.10.10 ping statistics ---
6 packets transmitted, 0 packets received, 100.0% packet loss
[2.6.0-RELEASE][root@routerExamenGil.routerExamenGil.es]/root:
```

Reglas para permitir el ping del interno al router.

Rules (Drag to Change Order)											
<input type="checkbox"/>	States	Protocol	Source	Port	Destination	Port	Gateway	Queue	Schedule	Description	Actions
<input checked="" type="checkbox"/>	✓ 0 /1.89 MiB	*	*	*	LAN Address	80	*	*		Anti-Lockout Rule	
<input type="checkbox"/>	✓ 0 /1008 B	IPv4 ICMP echoreq	LAN net	*	WAN net	*	*	none			
<input checked="" type="checkbox"/>	✓ 0 /1 KiB	IPv4 ICMP echoreq	LAN net	*	LAN address	*	*	none			

Reglas para denegar el ping del servidor al router.

Firewall / Rules / Floating

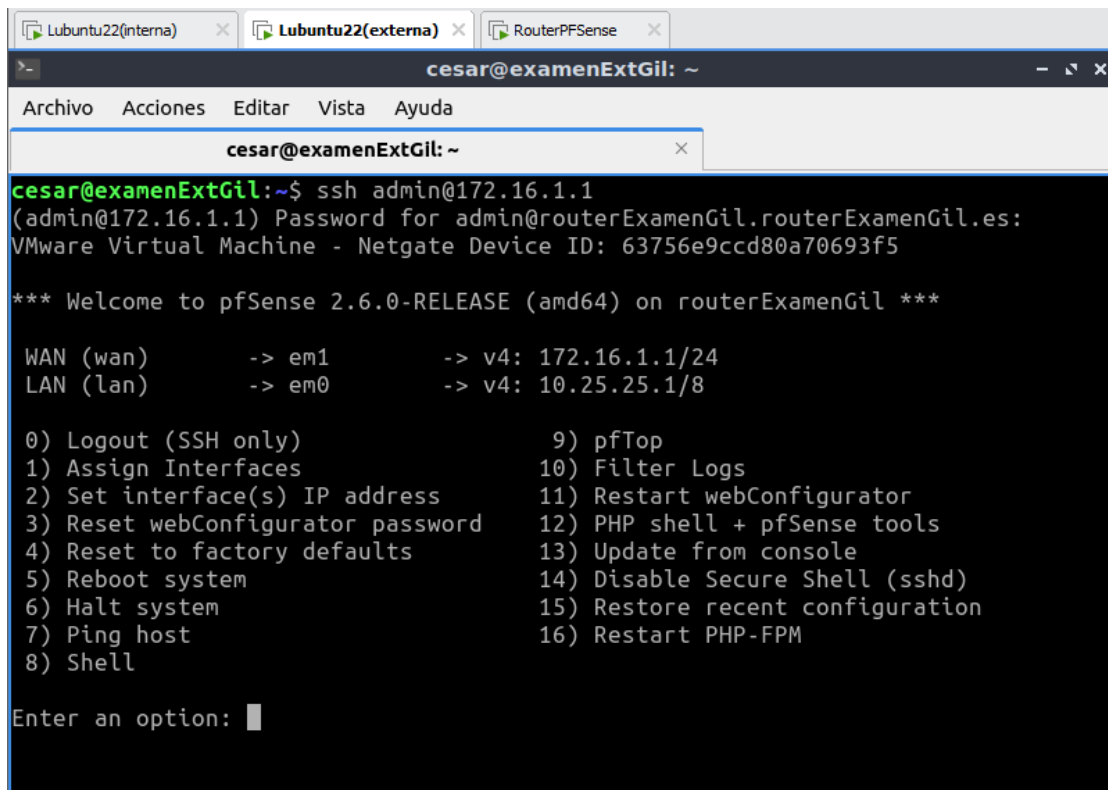
Floating WAN LAN

Rules (Drag to Change Order)											
<input type="checkbox"/>	States	Interfaces	Protocol	Source	Port	Destination	Port	Gateway	Queue	Schedule	Description
<input type="checkbox"/>	✗ 0 /0 B 	LAN	IPv4 ICMP echoreq	LAN address	*	LAN net	*	*	none		

Add Add Delete Save Separator

SSH a router desde externo pero no desde el interno.

Captura del ssh.



The screenshot shows a terminal window titled 'cesar@examenExtGil: ~'. The user has executed the command 'ssh admin@172.16.1.1'. The terminal output shows the password prompt, the Netgate Device ID, and the pfSense welcome message. A list of 16 options is displayed, and the prompt 'Enter an option:' is shown at the bottom.

```
cesar@examenExtGil:~$ ssh admin@172.16.1.1
(admin@172.16.1.1) Password for admin@routerExamenGil.routerExamenGil.es:
VMware Virtual Machine - Netgate Device ID: 63756e9ccd80a70693f5

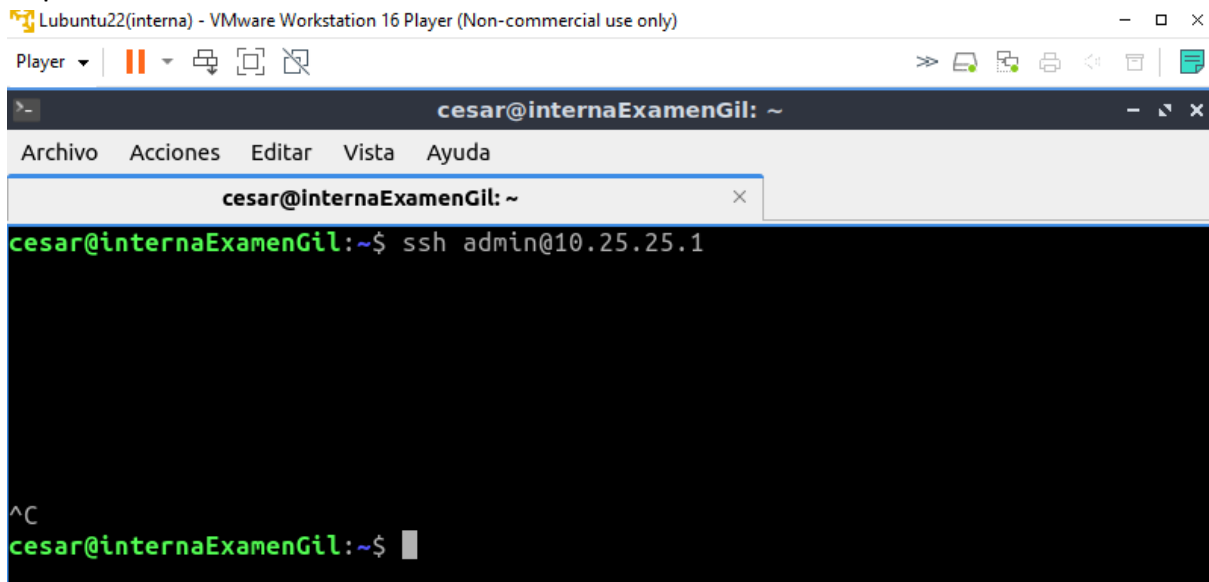
*** Welcome to pfSense 2.6.0-RELEASE (amd64) on routerExamenGil ***

WAN (wan)      -> em1      -> v4: 172.16.1.1/24
LAN (lan)      -> em0      -> v4: 10.25.25.1/8

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) Disable Secure Shell (sshd)
6) Halt system                 15) Restore recent configuration
7) Ping host                   16) Restart PHP-FPM
8) Shell

Enter an option: █
```




Captura del ssh fallido desde el interno.



The screenshot shows a terminal window titled 'cesar@internaExamenGil: ~'. The user has executed the command 'ssh admin@10.25.25.1'. The terminal output shows the password prompt, followed by a carriage return character '^C' and the prompt 'cesar@internaExamenGil:~\$'.

```
cesar@internaExamenGil:~$ ssh admin@10.25.25.1
^C
cesar@internaExamenGil:~$ █
```

Regla para permitir el ssh.

Floating WAN LAN											
Rules (Drag to Change Order)											
<input type="checkbox"/>	States	Protocol	Source	Port	Destination	Port	Gateway	Queue	Schedule	Description	Actions
<input type="checkbox"/>	✓	0 / 32 KIB	IPv4 TCP	WAN net	*	WAN address	22 (SSH)	*	none		  

Secure Shell

Secure Shell Server ☒ Enable Secure Shell

SSHd Key Only Password or Public Key
When set to *Public Key Only*, SSH access requires authorized keys and these keys must be configured for each **user** that has been granted secure shell access. If set to *Require Both Password and Public Key*, the SSH daemon requires both authorized keys **and** valid passwords to gain access. The default *Password or Public Key* setting allows either a valid password or a valid authorized key to login.

Allow Agent Forwarding ☐ Enables ssh-agent forwarding support.

SSH port 22
Note: Leave this blank for the default of 22.

Para denegar el ssh desde el interno, desde la misma pestaña donde habilitamos el secure shell, hay que deshabilitar el anti-lockout. Antes de hacerlo, recordar habilitar la conexión http o si no, no podremos seguir usando el interfaz web.

Lubuntu22(interna) - VMware Workstation 16 Player (Non-commercial use only)

Player ▾ | [Icons] | [Icons]

routerExamenGil.routerExamenGil.es - ...anced: Admin Access — Mozilla Firefox

routerExamenGil.routerE x + ▾

← → ↻ 10.25.25.1/system_advanced_admin.php 80% ☆ 🔒 ☰

When this is checked, user attempts to connect to nginx will be blocked. If you are not sure, please do not check this option, or this option will be ignored by nginx.

WebGUI Login Autocomplete

☒ Enable webConfigurator login autocomplete
When this is checked, login credentials for the webConfigurator may be saved by the browser. While convenient, some security standards require this to be disabled. Check this box to enable autocomplete on the login form so that browsers will prompt to save credentials (NOTE: Some browsers do not respect this option).

WebGUI login messages

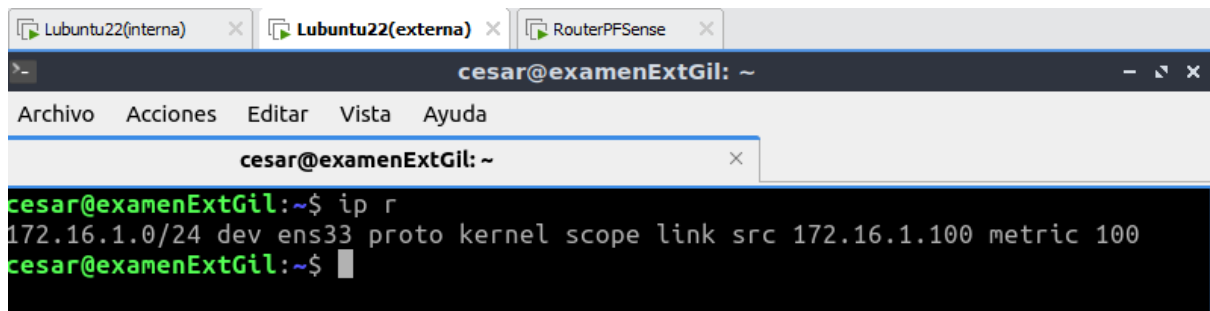
☐ Disable logging of webConfigurator successful logins
When this is checked, successful logins to the webConfigurator will not be logged.

Anti-lockout

☒ Disable webConfigurator anti-lockout rule
When this is unchecked, access to the webConfigurator on the LAN interface is always permitted, regardless of the user-defined firewall rule set. Check this box to disable this automatically added rule, so access to the webConfigurator is controlled by the user-defined firewall rules (ensure a firewall rule is in place that allows access, to avoid being locked out!)
Hint: the "Set interface(s) IP address" option in the console menu resets this setting as well.

Externo sin puerta de enlace.

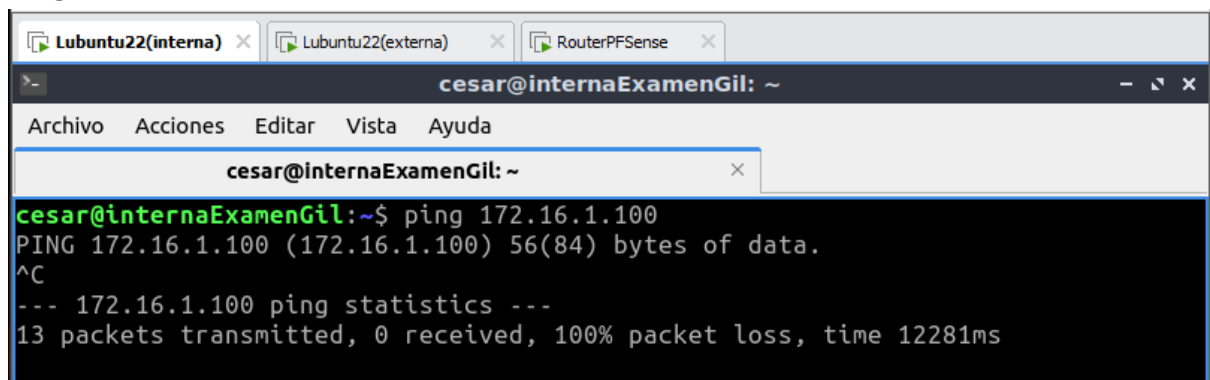
Captura del ip r.



The screenshot shows a terminal window titled 'cesar@examenExtGil: ~'. The window has tabs for 'Lubuntu22(interna)', 'Lubuntu22(externa)', and 'RouterPFSense'. The terminal output shows the command 'ip r' being executed, resulting in the line '172.16.1.0/24 dev ens33 proto kernel scope link src 172.16.1.100 metric 100'. The prompt 'cesar@examenExtGil:~\$' is visible at the end of the line.

```
cesar@examenExtGil:~$ ip r
172.16.1.0/24 dev ens33 proto kernel scope link src 172.16.1.100 metric 100
cesar@examenExtGil:~$
```

Ping fallido interno-externo.

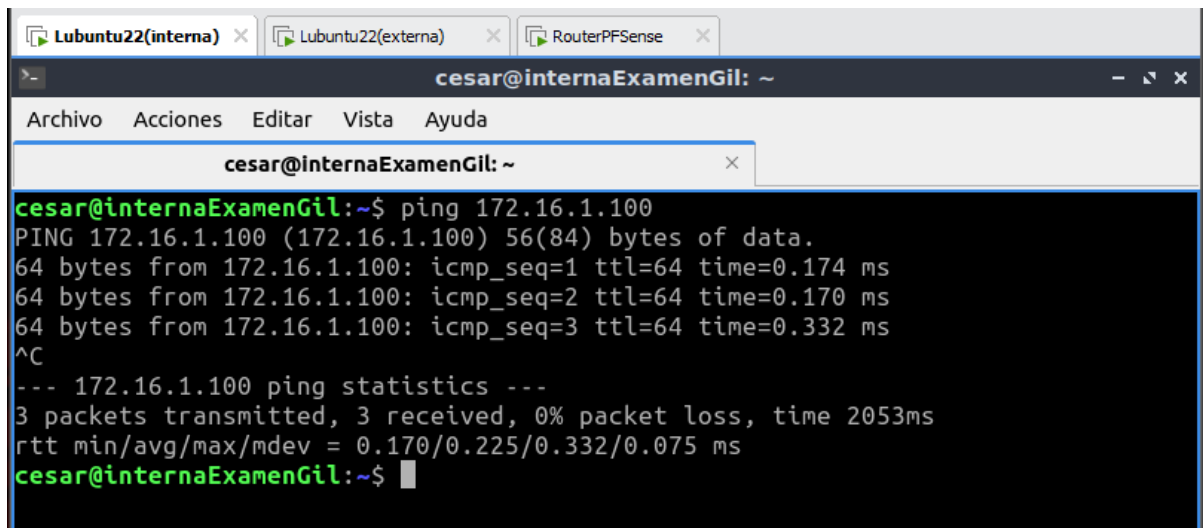


The screenshot shows a terminal window titled 'cesar@internaExamenGil: ~'. The window has tabs for 'Lubuntu22(interna)', 'Lubuntu22(externa)', and 'RouterPFSense'. The terminal output shows the command 'ping 172.16.1.100' being executed. The output shows 'PING 172.16.1.100 (172.16.1.100) 56(84) bytes of data.' followed by a carriage return '^C' and then '--- 172.16.1.100 ping statistics ---'. The final line shows '13 packets transmitted, 0 received, 100% packet loss, time 12281ms'.

```
cesar@internaExamenGil:~$ ping 172.16.1.100
PING 172.16.1.100 (172.16.1.100) 56(84) bytes of data.
^C
--- 172.16.1.100 ping statistics ---
13 packets transmitted, 0 received, 100% packet loss, time 12281ms
```

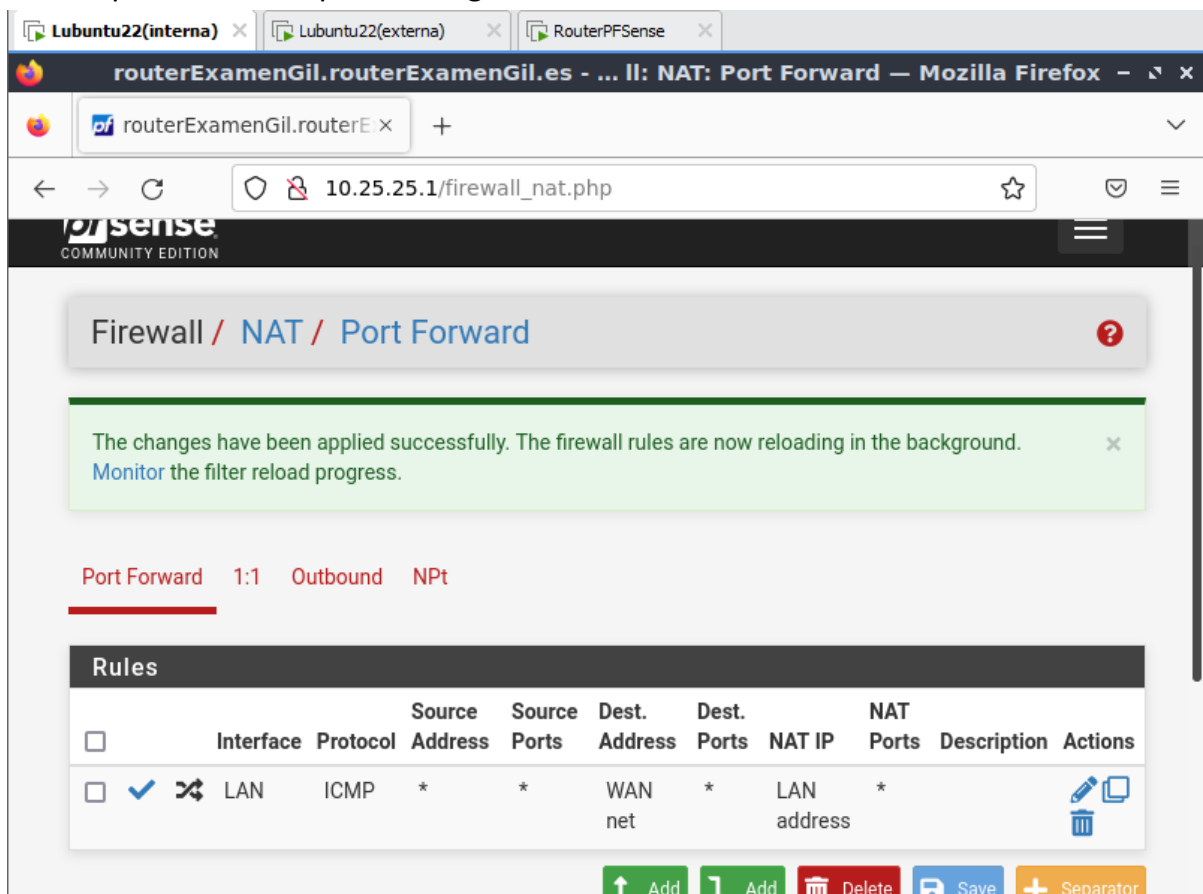
POSTROUTING para que el ping vuelva a funcionar.

Captura del ping.



```
cesar@internaExamenGil: ~  
Archivo Acciones Editar Vista Ayuda  
cesar@internaExamenGil: ~  
cesar@internaExamenGil:~$ ping 172.16.1.100  
PING 172.16.1.100 (172.16.1.100) 56(84) bytes of data.  
64 bytes from 172.16.1.100: icmp_seq=1 ttl=64 time=0.174 ms  
64 bytes from 172.16.1.100: icmp_seq=2 ttl=64 time=0.170 ms  
64 bytes from 172.16.1.100: icmp_seq=3 ttl=64 time=0.332 ms  
^C  
--- 172.16.1.100 ping statistics ---  
3 packets transmitted, 3 received, 0% packet loss, time 2053ms  
rtt min/avg/max/mdev = 0.170/0.225/0.332/0.075 ms  
cesar@internaExamenGil:~$
```

Norma para activar el postrouting.



routerExamenGil.routerExamenGil.es - ... II: NAT: Port Forward — Mozilla Firefox




routerExamenGil.routerE

10.25.25.1/firewall_nat.php

Firewall / NAT / Port Forward

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

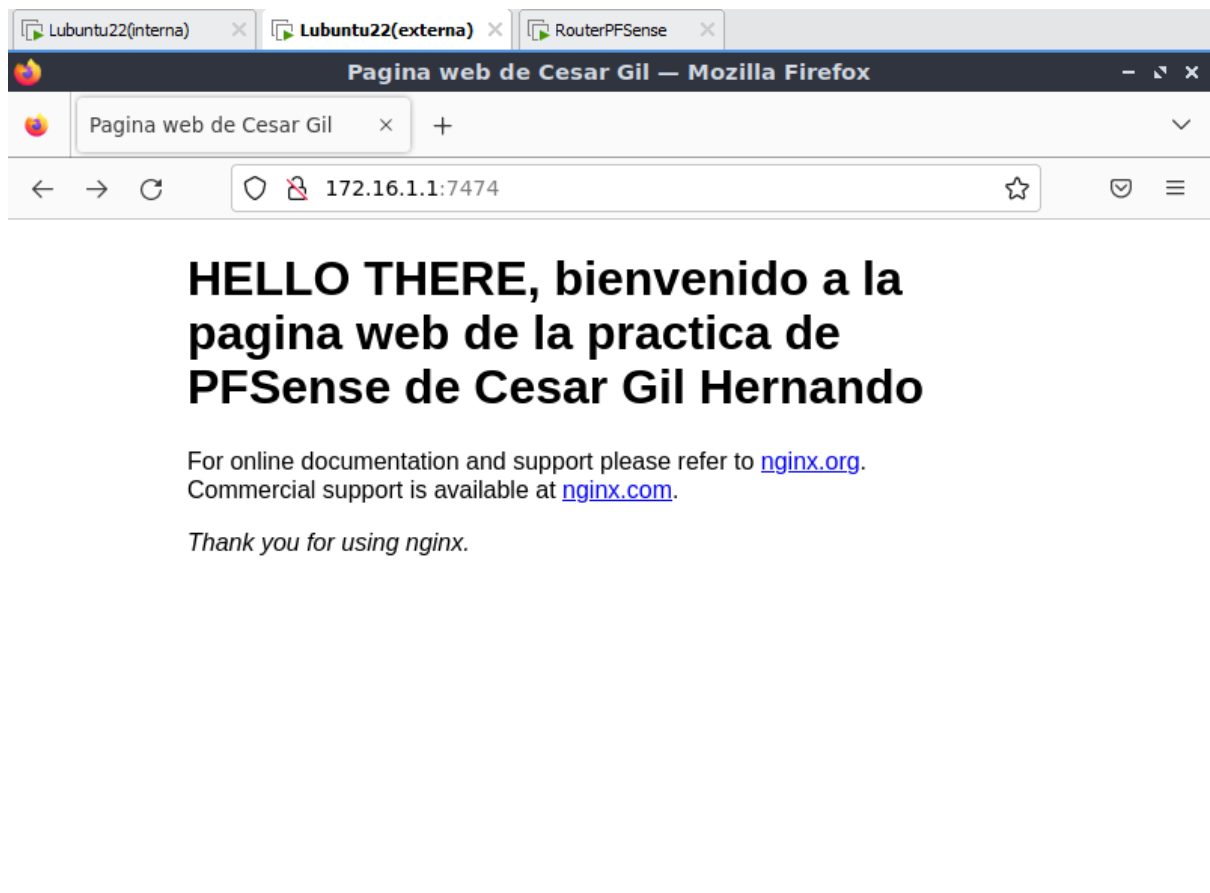
Port Forward 1:1 Outbound NPt

Rules										
	Interface	Protocol	Source Address	Source Ports	Dest. Address	Dest. Ports	NAT IP	NAT Ports	Description	Actions
<input type="checkbox"/>	LAN	ICMP	*	*	WAN net	*	LAN address	*		  

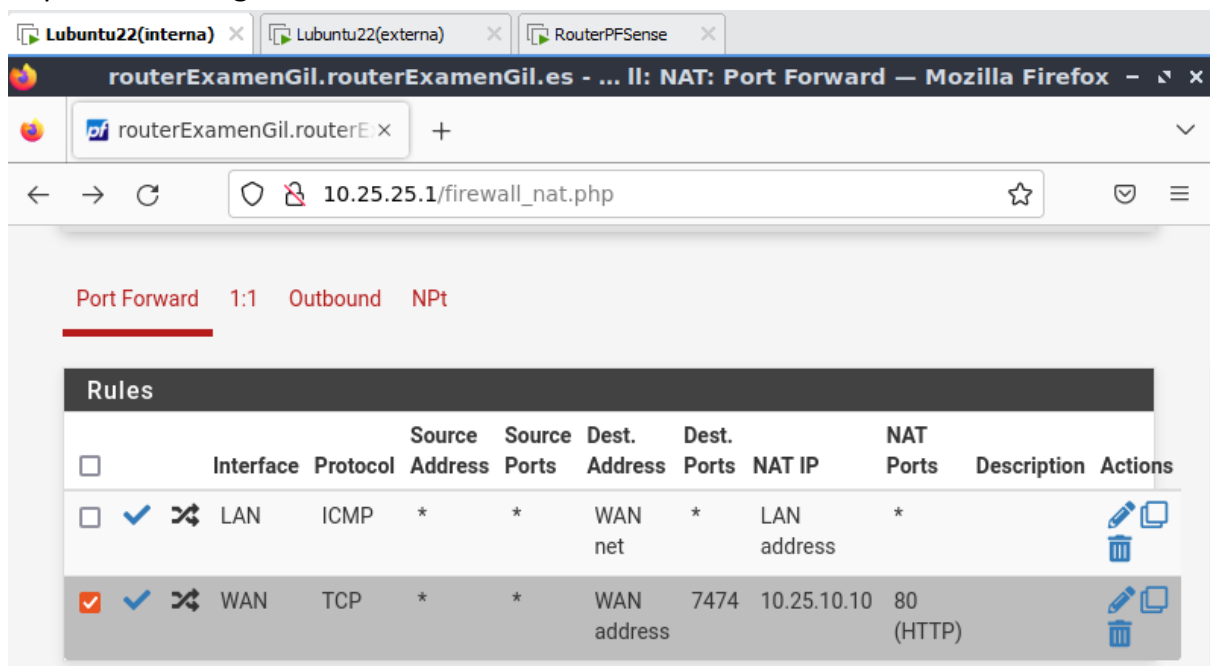
↑ Add ↓ Add Delete Save + Separator

PREROUTING para permitir el HTTP desde el externo.

Captura de la conexión HTTP.



Captura de la regla.



A la hora de crear la regla existe la posibilidad de activar la siguiente opción para que PFSense cree automáticamente una regla en la tabla filter para permitir el forwarding entre la externa y la interna. De lo contrario habría que crearla manualmente.

Filter rule association

Create new associated filter rule

[View the filter rule](#)

Regla del forward creada automáticamente por el S.O del router.

Lubuntu22(interna) x Lubuntu22(externa) x RouterPFSense x

routerExamenGil.routerExamenGil.es - Firewall: Rules: WAN — Mozilla Firefox

routerExamenGil.routerE x +

10.25.25.1/firewall_rules.php

Floating WAN LAN

Rules (Drag to Change Order)

<input type="checkbox"/>	States	Protocol	Source	Port	Destination	Port	Gateway	Queue	Schedule	Description	Actions
<input type="checkbox"/>	✓ 0/0 B	IPv4 TCP	WAN net	*	WAN address	22 (SSH)	*	none			
<input type="checkbox"/>	✓ 0/0 B	IPv4 ICMP echorep	WAN net	*	LAN net	*	*	none			
<input checked="" type="checkbox"/>	✓ 1/2 KiB	IPv4 TCP	*	*	10.25.10.10	80 (HTTP)	*	none		NAT	