

ESERCIZIO DEL 12.12

ho creato su pfSense due schede una per Kali (intnet1) ed una per Metaspotable (intnet2), lasciando la PfSense sotto WAN e le altre due macchine sotto LAN.

```
php-fpm[398]: /index.php: Successful login for user 'admin' from: 192.168.50.151
  (Local Database)
EXIT

VirtualBox Virtual Machine - Netgate Device ID: 2175453648d9c4328bdc

*** Welcome to pfSense 2.7.2-RELEASE (amd64) on pfSense ***

WAN (wan)      -> vtne0      -> v4/DHCP4: 10.0.2.15/24
                      v6/DHCP6: fd17:625c:f037:2:a00:27ff:fe12:de2e/64
LAN (lan)      -> vtne1      -> v4: 192.168.50.1/24
OPT1 (opt1)    -> vtne2      -> v4: 192.168.60.1/24

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: [
```

Sotto riporto le 3 schermate relative a WAN LAN E OPT1 dove ho creato una regola per impedire l'accesso al servizio web dwva

The screenshot shows the pfSense web interface with the following details:

- Header:** Shows the pfSense logo and navigation links: File, Macchina, Visualizza, Inserimento, Dispositivi, Aiuto.
- Toolbar:** Includes icons for Home, Firewall, Services, Status, Diagnostics, Help, and a search bar.
- Address Bar:** Displays the URL http://192.168.50.1/firewall_rules.php?if=wan.
- Warning Message:** A red box at the top states: "WARNING: The 'admin' account password is set to the default value. Change the password in the User Manager."
- Page Title:** Firewall / Rules / WAN
- Navigation:** Floating, WAN (selected), LAN, OPT1.
- Table:** Rules (Drag to Change Order)

States	Protocol	Source	Port	Destination	Port	Gateway	Queue	Schedule	Description	Actions
X 0/0 B	*	RFC 1918 networks	*	*	*	*	*		Block private networks	
X 0/0 B	*	Reserved Not assigned by IANA	*	*	*	*	*		Block bogon networks	
- Message:** No rules are currently defined for this interface.

The screenshot shows the pfSense Firewall Rules interface for the LAN interface. There are four rules listed:

States	Protocol	Source	Port	Destination	Port	Gateway	Queue	Schedule	Description	Actions
✓ 1/1.42 MiB	*	*	*	LAN Address	80	*	*	*	Anti-Lockout Rule	
✗ 0/628 B	IPv4 TCP	LAN subnets	*	OPT1 subnets	80 (HTTP)	*	none	*	block Kali to DVWA	
✓ 7/8.04 MiB	IPv4 *	LAN subnets	*	*	*	*	none	*	Default allow LAN to any rule	
✓ 0/0 B	IPv6 *	LAN subnets	*	*	*	*	none	*	Default allow LAN IPv6 to any rule	

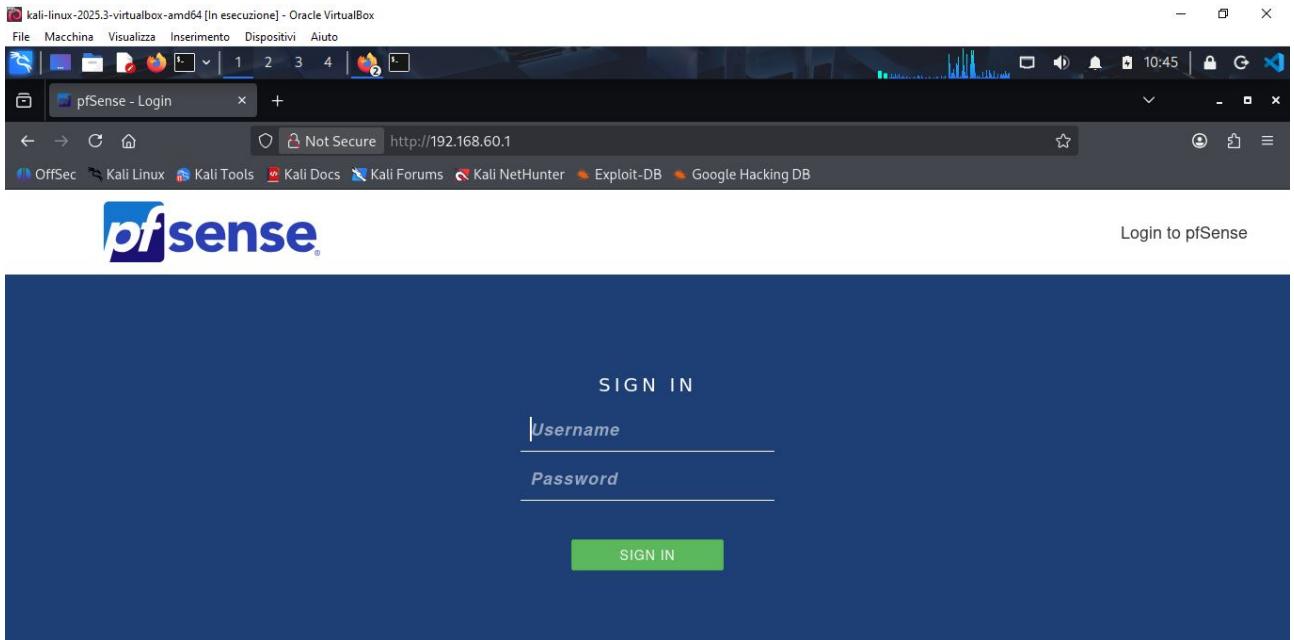
Buttons at the bottom include: Add, Add, Delete, Toggle, Copy, Save, and Separator.

The screenshot shows the pfSense Firewall Rules interface for the OPT1 interface. A message states: "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." Below this message is a table with columns: States, Protocol, Source, Port, Destination, Port, Gateway, Queue, Schedule, Description, and Actions.

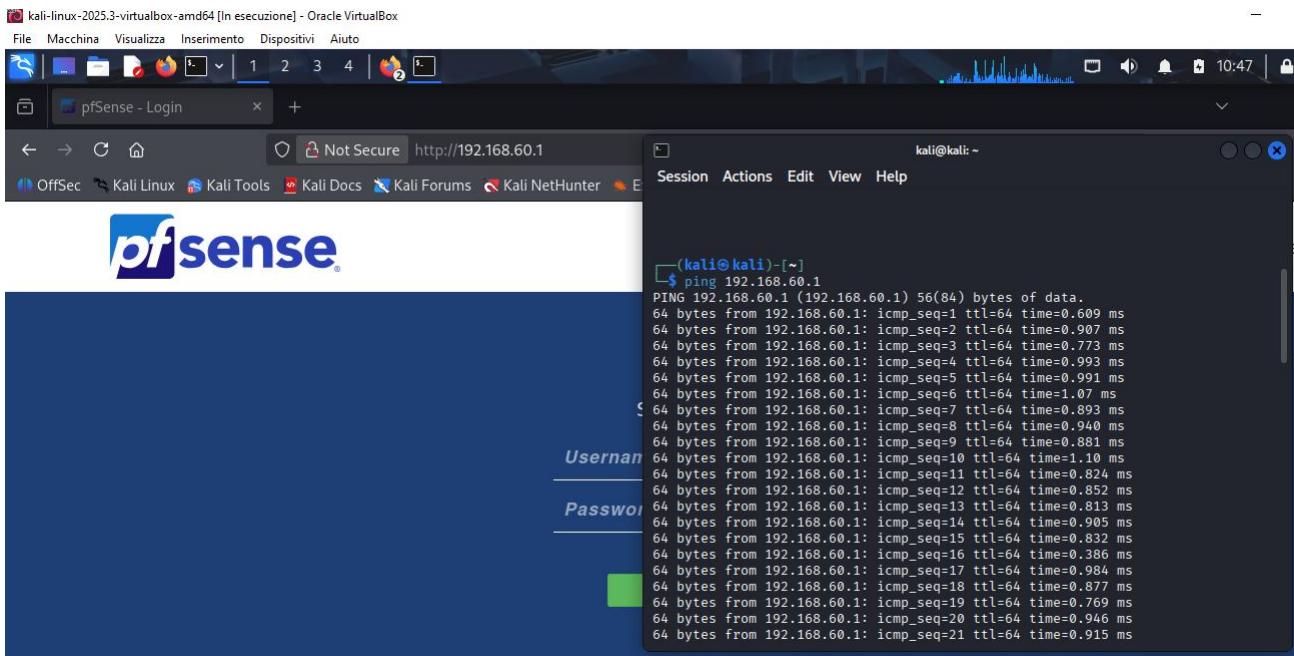
States	Protocol	Source	Port	Destination	Port	Gateway	Queue	Schedule	Description	Actions
No rules are currently defined for this interface. All incoming connections on this interface will be blocked until pass rules are added. Click the button to add a new rule.										

Buttons at the bottom include: Add, Add, Delete, Toggle, Copy, Save, and Separator.

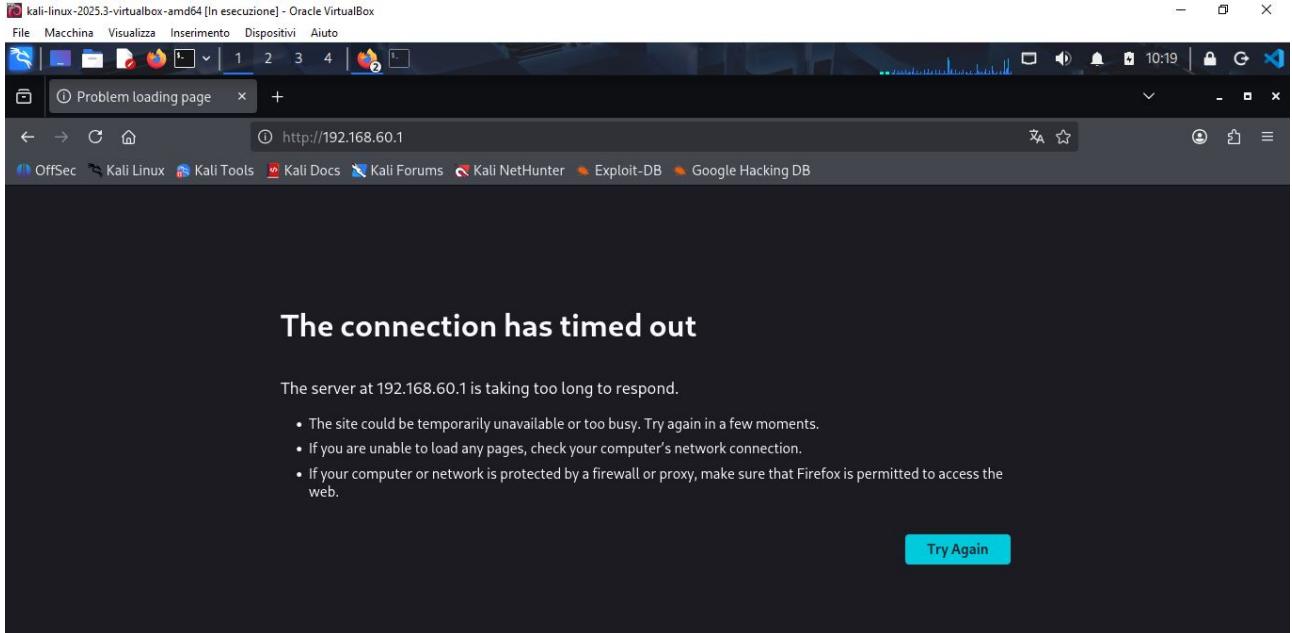
Riporto la schermata



Allego il pin effettuato



Dopo le regole



Anche con l'impostazione di blocco il ping effettuato verso l'ip ha esito positivo in quanto il traffico è ICMP è consentito e non filtrato dalla regola

