

## –PFSENSE / FIREWALL–

- FUNZIONAMENTO
- REGOLE

## –REGOLE–

Le regole applicate sulla pfsense consistono nel bloccare o accettare il traffico dati attraverso ogni zona:

### 1) rete interna:

Firewall / Rules / RETEINTERNA											
Floating   WAN   DMZ <b>RETEINTERNA</b>											
Rules (Drag to Change Order)											
	States	Protocol	Source	Port	Destination	Port	Gateway	Queue	Schedule	Description	Actions
<input type="checkbox"/>	✓ 0/0 B	IPv4 ICMP any	192.168.1.0/25	*	172.16.10.11	*	*	none			
<input type="checkbox"/>	✗ 0/0 B	IPv4 *	192.168.1.0/25	*	172.16.10.0/28	*	*	none			
<input type="checkbox"/>	✓ 0/28 KIB	IPv4 *	*	*	*	*	*	none			

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-regola1: permette ai client di raggiungere il server DHCP in modo tale da poterne richiedere la configurazione IP

- action: pass
- address family: IPv4
- protocol: ICMP any
- source: 192.168.1.0/25
- source port: any
- destination: 172.16.10.11
- destination port: any

-regola2: impedisce qualsiasi richiesta avanzata dalla zona interna verso la DMZ

- action: deny
- address family: IPv4
- protocol: any
- source: 192.168.1.0/25
- source port: any
- destination: 172.16.10.0/28
- destination port: any

-regola3: permette ai client della rete interna per raggiungere internet

- action: deny
- address family: IPv4
- protocol: any
- source: 192.168.1.0/25
- source port: any

- destination: 172.16.10.0/28
- destination port: any

## 2) DMZ:

Firewall / Rules / DMZ

Floating WAN **DMZ** RETEINTERNA

Rules (Drag to Change Order)

	States	Protocol	Source	Port	Destination	Port	Gateway	Queue	Schedule	Description	Actions
<input checked="" type="checkbox"/>	✓ 1/1.43 MiB	*	*	*	DMZ Address	80	*	*		Anti-Lockout Rule	
<input type="checkbox"/>	✗ 0/0 B	IPv4 *	172.16.10.0/28	*	192.168.1.0/25	*	*	none			

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- regola: impedisce qualsiasi richiesta avanzata dalla DMZ verso la zona interna
- action: deny
- address family: IPv4
- protocol: any
- source: 172.16.10.0/28
- source port: any
- destination: 192.168.1.0/25
- destination port: any

## 3) WAN:

Firewall / Rules / WAN

Floating **WAN** DMZ RETEINTERNA

Rules (Drag to Change Order)

	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	
<input type="checkbox"/>	✗ 0/0 B	IPv4 *	*	*	192.168.1.0/25	*	*	none			

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- regola: impedisce qualsiasi richiesta proveniente da internet destinata alla rete interna
- action: deny
- address family: IPv4
- protocol: any
- source: any
- source port: any
- destination: 192.168.1.0/25
- destination port: any

