

Firewall Rules

The last step of your WireGuard set up involved creating 2 firewall rules. One for your WAN firewall, and one for your Tunnel.

If you haven't done so already, assign your WireGuard VPN as an interface. To do so, navigate to Interfaces ---> Assignments:

INTERFACES: ASSIGNMENTS		
Interface	Identifier ?	Device
[HomeWGVPN]	opt2	✓ wg0 (WireGuard - HomeWGVPN) ▼
[LAN]	lan	✓ igb0 (a0:36:9f:2f:85:b0) ▼
[WAN]	wan	✓ igb1 (a0:36:9f:2f:85:b1) ▼
[homeLAB1]	opt1	✓ igb3 (a0:36:9f:2f:85:b3) ▼
Save		

Select your Interface in the sidebar menu:

Basic configuration	
? Enable	<input checked="" type="checkbox"/> Enable Interface
? Lock	<input checked="" type="checkbox"/> Prevent interface removal
? Identifier	opt2
? Device	wg0
? Description	<input type="text" value="HomeWGVPN"/>
Generic configuration	
? Block private networks	<input type="checkbox"/>
? Block bogon networks	<input type="checkbox"/>
? IPv4 Configuration Type	<input type="text" value="None"/> ▼
? IPv6 Configuration Type	<input type="text" value="None"/> ▼
? MAC address	<input type="text"/>
? Promiscuous mode	<input type="checkbox"/>
? MTU	<input type="text"/>
? MSS	<input type="text"/>

- Enable the interface
- Lock to prevent removal

- No other configs need to be done, save changes and apply settings.

WAN Rule

Navigate to Firewall ---> Rules ---> WAN and create a new rule:

FIREWALL: RULES: WAN

Edit Firewall rule

Action: Pass

Disabled: Disable this rule

Quick: Apply the action immediately on match.

Interface: WAN

Direction: in

TCP/IP Version: IPv4+IPv6

Protocol: UDP

Source / Invert: Use this option to invert the sense of the match.

Source: any

Source: Advanced

Destination / Invert: Use this option to invert the sense of the match.

Destination: WAN address

Destination port range: from: (other) to: (other)
51823 51823

Log: Log packets that are handled by this rule

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Select the following settings for the rule:

- Action = Pass
- Quick - checked
- Interface = WAN
- Direction = In
- TCP/IP Version = IPv4 + IPv6
- Protocol = UDP
- Source = ANY
- Destination = WAN Address
- Destination Port Range = Enter your Port Number you designated earlier
 - Default WireGuard port is 51820
- Save and apply rules

WireGuard Interface Rule

Navigate to your Firewall ---> Rules ---> Select your WireGuard Interface then click create:

FIREWALL: RULES: HOMEWGPVN

Edit Firewall rule

Action	Pass
Disabled	<input type="checkbox"/> Disable this rule
Quick	<input checked="" type="checkbox"/> Apply the action immediately on match.
Interface	HomeWGPVN
Direction	in
TCP/IP Version	IPv4+IPv6
Protocol	any
Source / Invert	<input type="checkbox"/> Use this option to invert the sense of the match.
Source	HomeWGPVN net
Source	Advanced
Destination / Invert	<input type="checkbox"/> Use this option to invert the sense of the match.
Destination	any
Destination port range	from: any to: any
Log	<input checked="" type="checkbox"/> Log packets that are handled by this rule
Category	

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This rule will allow your client to access any device on the local network. Configure the following settings:

- Action = Pass
- Quick = Checked
- Interface = WireGuard Interface
- Direction = In
- TCP/IP Version = IPv4 + IPv6
- Protocol = any
- Source = Select your WireGuard Interface Net as source
- Destination = Any
- Save and apply rules.

Your configuration should now be all set. Check out the next page to view results!

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