

4. Setup VPN Firewall Rules

We are almost there! The last thing we need to do is setup the correct firewall rules. Now, since you will create a root VPN you want this user to have access to all the different networks. Hence, the rules will be pretty simple.

1. Go to Firewall > Rules [New] > +Add
2. Then make sure you give it a proper Description name such as VPN_ROOT
3. Finally check that all passing rules are set to "any"

Edit rule

advanced mode full help

Organisation

Enabled ☒

Categories Nothing selected
Clear All Select All

Description VPN_ROOT

Interface

Invert Interface ☐

Interface VPN_ROOT
Clear All Select All

Filter

Quick ☒

Action Pass

Direction In

Version any

Protocol any

Invert Source ☐

Source any

Source Port any

4. Perfect then save your configuration and apply the changes.

5. Now after setting up the allow all access to the VPN_ROOT the final rule that you need to apply is to allow your WAN_1 port to be accessible over the Wireguard PORT you have set in the Wireguard Instance creation. Wireguard only needs UDP access and hence in Protocols you can choose UDP instead of any.

6. For the destination you will choose the WAN_1 address and not the WAN_1 network since that would provide permissions that are not necessary in this simple case.

7. If all done right the firewall rules should look something like this

FIREWALL: RULES [NEW]

4 All rules

Categories

Inspect

Tree

Search

50

		Icons		Version	Protocol	Source	Port	Destination	Port	Gateway	Description	Commands
☐	☒		LAN	*	*	*	*	*	*	*	LAN IPv4	
☐	☒		VPN_ROOT	*	*	*	*	*	*	*	VPN_ROOT	
☐	☒		WAN_1	*	UDP	*	*	WAN_1 address	60001	*	Wireguard_VPN	
☐	☒		MGMT	*	*	*	*	*	*	*	LAN IPv4	

« < 1 > »

Showing 1 to 4 of 4 entries

Apply

After changing settings, please remember to apply them.

8. Now, your VPN should be working for your peer. Test it out by using the Wireguard app on your phone and or in Linux there is a VPN option where you can upload the name_location.conf file saved in the Peer generation step.

9. If for some reasons it does not work yet try to enable and disable Wireguard!

10. Congratzzz you made it to the end and hopefully you can now access your home network from any place in the world like you would be home.

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