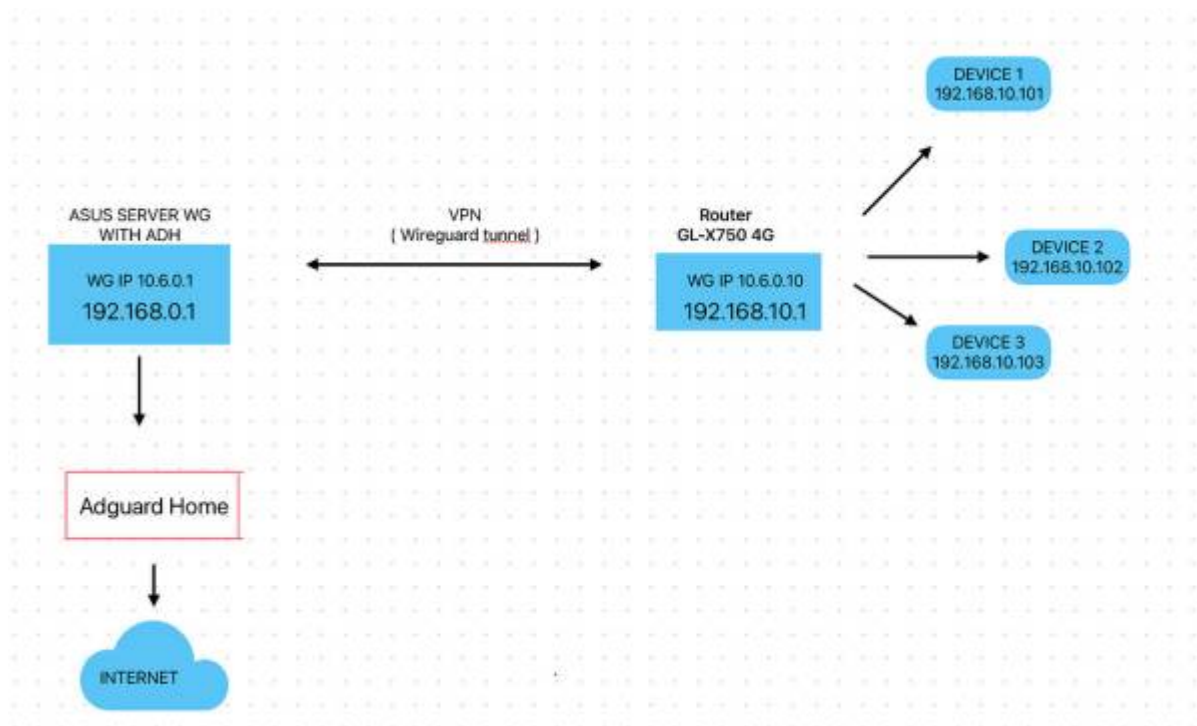




Our solution bases on the GL router, including the VPN Server and Client. Only for reference.

1. Enable Lan Access on the server and client.
2. Disable IP masq on the client. And configure the server to route to the client's subnet.
3. In the client, DNS is configured as the wg server's address, and custom DNS override vpn dns is turned off.
4. The server firewall is configured with a redirection rule that redirects traffic from port 53 of the wgserver to port 3053 (adguard).
5. The client subnet DNS traffic will be directed to server.
6. Client Luci add firewall rule

LAN - Route

This function allows you to add routing rules into RT-AX88U Pro. It is useful if you connect several routers behind RT-AX88U Pro to share the same connection to the Internet.

Basic Config

Enable static routes ☒ Yes ☐ No

Static Route List (Max Limit : 64)

Network/Host IP	Netmask	Gateway	Metric	Interface	Add / Delete
				LAN	Add
192.168.10.0	255.255.255.0	10.6.0.10	0	LAN	Delete

Apply

Since the firewall menu has not the custom rule, please manual add in the SSH: Login the SSH, Create the file:

```
vi /etc/firewall.user
```

```
iptables -w -t nat -I PREROUTING -i br-lan -p udp --dport 53 -j DNAT --to 10.6.0.1
```

```
#!/bin/sh  
iptables -w -t nat -I PREROUTING -i br-lan -p udp --dport 53 -j DNAT --to 10.0.0.1  
~  
~  
~  
~  
~  
~  
~  
~  
~  
~  
~  
~  
~  
~  
~  
- /etc/firewall.user [Modified] 3/4 75%
```

```
chmod 755 /etc/firewall.user
```

add the custom rule in the `/etc/config/firewall`:

```
config include 'user_script'
    option type 'script'
    option path '/etc/firewall.user'
    option reload '1'
    option fw4 compatible '1'
```

```

option target 'ACCEPT'
option proto 'udp'
option dest_port '67-68'

config rule
option name 'Allow-DNS'
option src 'guest'
option target 'ACCEPT'
option proto 'tcp udp'
option dest_port '53'

config include 'vpn_server_policy'
option type 'script'
option path '/etc/firewall.vpn_server_policy.sh'
option reload '1'
option enabled '1'

config include 'user_script'
option type 'script'
option path '/etc/firewall.user'
option reload '1'
option fw4_compatible '1'

- /etc/config/firewall 182/182 100%
```

reboot OR

```
/etc/init.d/firewall restart
```

<https://forum.gl-inet.com/t/vpn-wireguard-and-adguard-home/45861>

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