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r/WireGuard



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r/WireGuard • 2 yr. ago

PigletFuzzy5314



Need help configuring multicast over WireGuard

Solved

Hi community!

What I need is that every client on my WireGuard network exchange UDP packets to each other and if I use IP from the subnet (10.8.0.0/24) in unicast the packets goes through but I need them to send and receive multicast packets.

They need to exchange those packets only on the wireguard network and those from outside wg0 should't be able to see them.

What I've tried so far is that I put 239.0.0.0/24 in allowed IPs but the packets doesn't seem to go through.

I've read that this is not possible on wireguard as it's L3 but that it could be possible to route those with smcroute.

Is this possible and can someone help me out on this?



6



26



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TheAspiringFarmer • 2y ago

<https://anOn-r0.medium.com/making-dlna-through-site-to-site-vpn-work-f393629f4ce0>

Reply

PigletFuzzy5314 **OP** • 2y ago

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14 more replies

**bmullan** • 2y ago • Edited 1y ago

VxLAN does this! Transports L2 & L3 traffic.
Its pretty simple to configure.

There is also sw tool I use that can automate some of the config set for all your machines.

General vxlan on linux:

<https://vincent.bernat.ch/en/blog/2017-vxlan-linux>

and [vx-wireguard-generator](#)

Which is a **great** tool to build the required wireguard confis for each node.

2 Reply ...

[deleted] • 1y ago

**PigletFuzzy5314** OP • 2y ago • Edited 2y ago

Managed to get it working with one peer. When I put 239.0.0.0/24 both on the server and peers, I can only get one to connect at that subnet according to wg command. Is there any way to bypass this?

I feel stuck :)

1 Reply ...

**duckITguy** • 2y ago

Unfortunately, you cannot specify a subnet as an allowed ip for more than one peers . However, you could create separate wg interfaces for each client, specify the same multicast subnet for all of them (the allowed ips only need to be unique per interface) and tell smcroute to route that subnet to all interfaces.

1 Reply ...

7 more replies

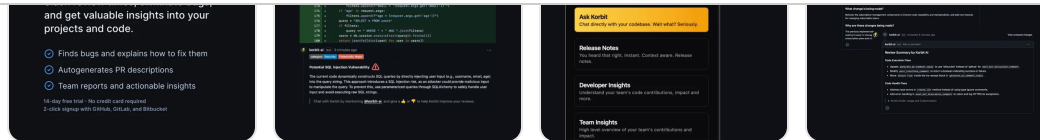
**Few-Judge-8384** • 1y ago

Прекрасно работает iptv через Wireguard Нужно прописать всю подсеть 239.0.0.0/0

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[Learn More](#)**PigletFuzzy5314** OP • 2y ago

What I ended up doing is using WireGuard with samplicator. What this utility does is copying the UDP packets and forwarding them to other unicast addresses. It's not the perfect solution, but I will settle for it as of now. Thanks for helping me out on this, and have a nice day!

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4 more replies

**d3luxor** • 2mo ago

can vxlan be over internet?

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Multicast routing through WireGuard

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**r/WireGuard** • 9 mo. ago

Multicast support in Wireguard

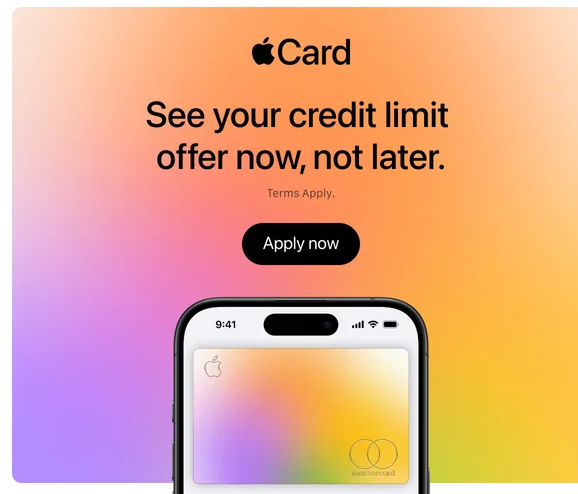
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ospf or multicast over WireGuard

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r/WireGuard • 5 yr. ago

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r/networking • 6 yr. ago

Multicast over IPSec

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r/WireGuard • 4 mo. ago

How secure is wireguard for a small business when peoples computers might get hacked and the config file stolen?

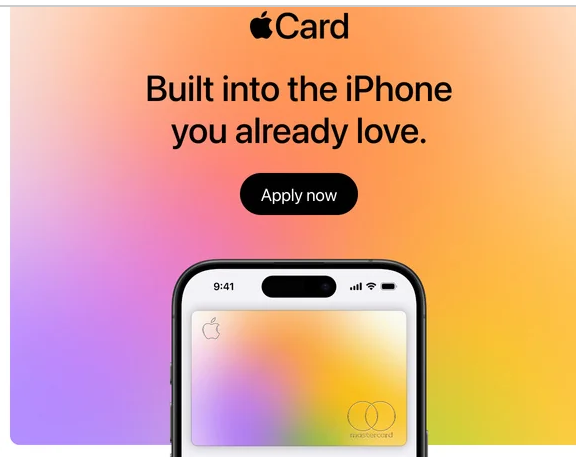
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Wireguard MFA

13 upvotes · 12 comments

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 r/WireGuard • 7 mo. ago

No internet access when connected to WireGuard VPN

5 upvotes · 41 comments

 r/WireGuard • 3 yr. ago

Help wanted: Broadcast SSID which routes over wireguard? (raspi or UniFi?)

10 comments

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Multicast and VPNs

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WireGuard with Bandwidth Control (ProofOfConcept)

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WG client as part of home subnet - like any other VPN

5 upvotes · 6 comments

 r/WireGuard • 5 yr. ago

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app.plex.tv: is unable to connect to server securely

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Only use wireguard with specific applications?

6 upvotes · 8 comments



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5 upvotes · 14 comments

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