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r/WireGuard



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r/WireGuard • 1 yr. ago

Mark_-88



How to setup, configure properly (VLAN, no NAT)?

Hi, I have a question regarding how to setup Wireguard:

I have multiple VLANs. VLAN 10 is VPN (10.10.10.0/28).

I will put Wireguard server (Alpine + Wireguard) in this VLAN with IP 10.10.10.5.

I only need 2 peers to connect via Wireguard.

In Wireguard I will create network 10.10.11.0/28

When the connect they should receive static IP 10.10.10.11.10 (peer A) / 10.10.10.11.11 (peer B).

They should be visible (no NAT) and managed by my router.

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when the connect they should receive static IP 10.10.10.11.10 (peer A) / 10.10.10.11.11 (peer B).

I hope you haven't configured [10.10.11.0/28](#) on an actual VLAN, only on the WireGuard interface. (WireGuard is a routed protocol, which means you can't bridge it to a VLAN interface.)

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Mark_-88 OP • 1y ago

Thank you.

I understand a little bit more now and I have edited my questions. Please check updated post.

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Swedophone • 1y ago

Do I need to make routes on my router?

I think I need to make route to 10.10.11.0/28 via 10.10.10.5 ?

It looks good.

Will peers have same firewall rules as a host (host acts as gateway if I understand properly)?

Not really, since traffic to/from the host is handled in the INPUT/OUTPUT chains, and traffic forwarded between interfaces is handled by the FORWARD chain.

Is there a way to make firewall rules per specific peer?

Yes, you can use the IP addresses of the peers in the firewall rules, using the -s och -d options to iptables.

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Mark_-88 OP • 1y ago

I couldn't find any info regarding "-s och -d options" - can you please explain it little bit more?

Where should I put iptable with these options (wg config, host, fw)?

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[r/opnsense](#) • 1 yr. ago

Need help understanding how VLAN, and subnets work together

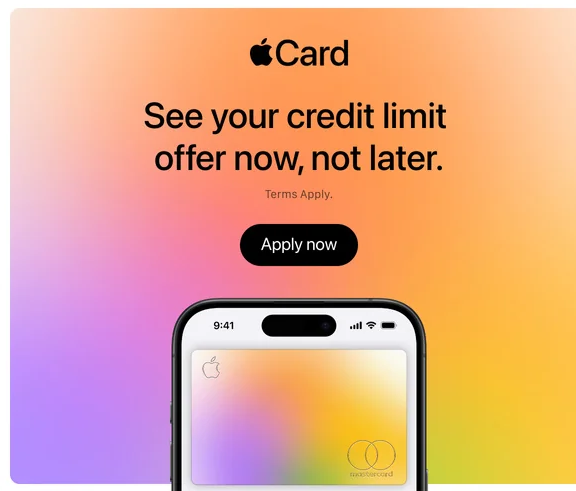
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Same VLAN on different subnets - or do u have better ideas? - bring vlan into 9 different sites connected via mpls

25 upvotes · 38 comments

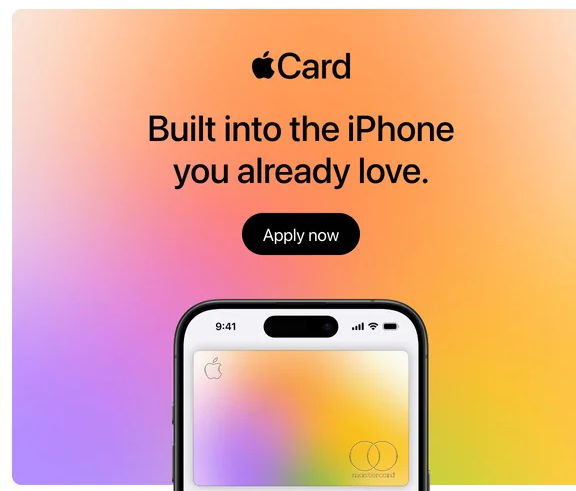


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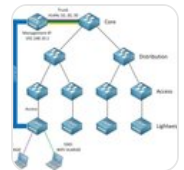
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it's not always DNS... sometimes it's DHCP! 😭

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