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r/Ubiquiti



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r/Ubiquiti • 4 yr. ago
ComprehensiveBird720



Configuring VPN on UniFi switch - do I need any additional hardware/software?

Question

Hello guys,

I have an UniFi switch. The internet is connected via some router provided by internet provider (LTE):

Router LTE -- Ubiquiti switch -- rest of devices

I need external access to my network, so I started configuring a VPN. I found some instruction (on some blog and YouTube video) but in my control panel there are no options shown in instruction.

So, I think I should buy an UniFi USG, but I'm not sure. Maybe I should buy more devices, or I am completely wrong, and it is possible to configure VPN only on switch?

Also, I have dynamic IP, so I need to configure some dyndns service. I have some domains in OVH, I believe there is an option to configure VPN with my own domain but I haven't seen any detailed instruction. Do you have any



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AutoModerator **MOD** • 4y ago •



zerphtech • 4y ago

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Third, your LTE router will need to be in a bridge or passthrough mode for this to work. Check with the manufacturer on the best way to set this up. For example, Comcast no longer recommends bridge mode but instead an advanced mode that basically just shuts off the firewall.

Finally, depending on your provider, you may be behind a CGNAT which will hose you from the start and there is no real way around it. I would check with them before even getting started.

↑ 2 ↓ ...



tand86 • 4y ago

You need a Unifi gateway to use the controller to manage a VPN I would assume. A switch has no ability to host a VPN. If you buy a gateway then you should use your LTE router as a bridge and use the USG as your router. I use my domain for my VPN and I have ddclient on a VM that updates the DNS every 5 min. I think a USG has ddns update capability (YM UDMP does but I don't use it, I assume the USG would too) so you might not need anything else.

↑ 2 ↓ ...



EnterpriseGuy52840 • 4y ago • Edited 4y ago

First, if you're behind LTE, chances are that you're behind a CGNAT, which is basically Double-NAT, but using [100.64.0.0/10](#) as the network in front, instead of [10.0.0.0/8](#), [172.16.0.0/12](#), [192.168.0.0/16](#). What this means is that you can't port forward or host services due to how the network is architected. You can push outbound traffic from your network (Access the internet normally), but you can't get any traffic that didn't originate from your network (VPN, any type of server hosting) if that makes sense.

Like [u/zerphtech](#) said, you can get around the dynamic IP problem by using dynamic DNS, but this only works if you have a public IP address.

On the hardware assuming you're able to get a public IP, a USG would work, but keep in mind that that hardware is really old, equivalent to an *EdgeRouter Lite*. USG Pro 4 is equivalent to an EdgeRouter 8 Pro without a couple of ethernet ports (Still really old). I really have no idea why they're still selling them; they're delisted, but if you search for them in the UI store, you'll find them.

If you can, get an EdgeRouter 4. You won't have the single pane of glass, but it's beefier for VPN with hardware acceleration, at least for IPsec.

↑ 1 ↓ ...

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Advice for newbie considering Unifi setup

6 upvotes · 34 comments

 r/Ubiquiti • 2 mo. ago

Did I screw up with UniFi talk?

2 upvotes · 26 comments

 r/Ubiquiti • 4 mo. ago

First UNIFI system finally done! for now...

402 upvotes · 67 comments

 r/Ubiquiti • 26 days ago

does anyone know if Unifi is going to get into the security alarm side of things?

7 upvotes · 61 comments

 r/sonarr • 4 yr. ago

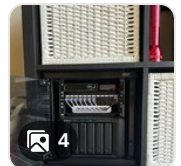
SSL needed when accessing remotely via VPN?

17 upvotes · 14 comments

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Goodbye my small UniFi setup...

990 upvotes · 114 comments

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First UniFi deployment for me... setup a new network for my parents house.

72 upvotes · 15 comments



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170 upvotes · 40 comments



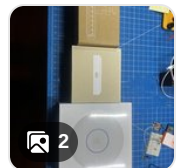
r/Ubiquiti • 24 days ago

Unifi is so fun. So easy to manage and maintain.

141 upvotes · 16 comments



r/Ubiquiti • 1 mo. ago

My first adventure with UniFi is starting

180 upvotes · 43 comments



r/Ubiquiti • 1 mo. ago

Sanity check (especially AP choice) for first home Unifi build

4 upvotes · 13 comments



r/HomeServer • 4 yr. ago

Require µTorrent to only use vpn

12 upvotes · 18 comments



r/Ubiquiti • 1 mo. ago

Exploring moving my voip service to unifi

51 upvotes · 37 comments



r/Ubiquiti • 25 days ago

PSA: Multiple CVE's with Unifi Protect and Unifi Protect Cameras reported...

106 upvotes · 14 comments



r/Ubiquiti • 4 yr. ago

Does the UDM-P require an initial set up? Or is it accessible OOTB?

3 upvotes · 12 comments



r/Ubiquiti • 4 yr. ago

Help wanted. Seeking advice or a beginners guide for adding USG to existing network with pi controller?

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What ports do i need to open on firewall to enable an internal OpenVPN client to connect to External VPN Server

3 upvotes · 8 comments

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Port Fowarding - my PC is not connected to a router

1 upvote · 13 comments

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NTT gigabit with v6 plus ethernet not working?

8 upvotes · 6 comments

 r/Starlink · 4 yr. ago

Help: Picking new router. Need to support Open NAT and Starlink Application.

2 upvotes · 19 comments

 r/Ubiquiti · 5 mo. ago

1st Time UniFi User, 1st Network Rack

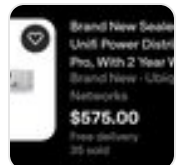
187 upvotes · 57 comments



 r/Ubiquiti · 21 days ago

Ubiquiti needs to do something to prevent this.

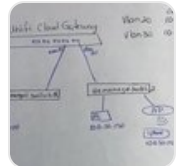
241 upvotes · 187 comments



 r/Ubiquiti · 3 mo. ago

Unifi cloud gateway and unmanage switches.

54 upvotes · 23 comments



 r/Ubiquiti · 20 days ago

First Ubiquiti Setup

119 upvotes · 19 comments





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4 upvotes · 7 comments

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