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r/OpenMediaVault • 8 mo. ago

lmao3694



Access SMB Share Outside Network Via NGINX Proxy

[How-To](#)

Hello everyone, I've a small setup running proxmox in my home network. In proxmox, there's a VM for NGINX Proxy and another for OMV. I've added OMV as a proxy host, enabled web sockets support and enforced SSL. This is working fine so far and I can access it at servicename.mydomain.com However, I'm trying to mount a SMB Share on my MacBook to enable access to the files, but the I'm not able to figure out what address to connect to. I've tried simply writing SMB://servicename.mydomain.com/ShareName but that never connects. Any help or pointers to any sort of documentation will be highly appreciated. Some other factors that may be in play:

1. The share is a USB Drive formatted in EXFAT and I can't reformat it since it has data I can't move anywhere else.
2. DNS for the domain is through cloudflare and is proxied.



1



6



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But, SAMBA uses port 445, so you need to configure things to use port 445, such as opening the port on your router and forwarding to the SAMBA server. I do not believe it is something you can do with an nginx proxy since SAMBA is not http(s), obviously, and nginx just serves http(s). You can stream ssh with nginx, but I don't think it will do that with SAMBA.

Your best way is to use a VPN or, at a minimum, configure the SAMBA server to use `smb min protocol = SMB3_02` and `smb encrypt = required`. But, again, I would never say using SAMBA via the Internet is a good idea or good practice.

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lmao3694 OP • 8mo ago

Hello, thank you for your input! I don't really have any inclination towards samba, all I need to get done is have a local directory accessible from outside the network and still be accessible inside the network with both read and write. I'm also going to use folders inside the directory as my jellyfin library. Do you think SFTP could potentially fulfill this use case? I'll look more into this.

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will2k_nz • 8mo ago

The way you are wanting to access the samba share from outside is not the smartest idea and could leave you open to vulnerabilities. The best and the proper way would be to setup a VPN to access the share remotely. tailscale would be the easiest to set up. Headscale which I used is the open source version of tailscale and works very well.

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