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f0rc3u2



Reverse proxy SSH connection with nginx?

So apparently since nginx 1.9, a stream module was added that would be able to reverse proxy SSH connections. I would like to have one on a standard port for cases where only certain ports are allowed in a network.

So far my config looks like this (nginx 1.14):

```
server {  
    server_name test.laptop;  
    listen 80;  
    set $upstream ssh;  
    location / {  
        proxy_pass_header Authorization;  
        proxy_pass http://$upstream;  
    }  
}
```

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```
proxy_pass http://$upstream;
```

When you talk about the stream module, than you should use the stream module.

```
stream {
    upstream ssh {
        server localhost:22;
    }
    server {
        listen 80;
        proxy_pass ssh;
    }
}
```

The question is why not change the port for ssh in ssh config if you proxy to localhost?

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f0rc3u2 OP • 5y ago

Ah thank you, I did not notice that! Unfortunately I will probably need to look for a different solution, as stream doesn't support subdomains (which makes sense). I will probably need to use an SSL tunnel instead.

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Starbeamrainbowlabs • 5y ago

Looks like that server block is a regular http block? If you're trying to get HTTPS and SSH on the same port, then you might want [SSLH](#) in front of Nginx and OpenSSH.

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MorphedOverride • 5y ago

Don't even need anything in front of Nginx/SSH any more

<https://www.nginx.com/blog/running-non-ssl-protocols-over-ssl-port-nginx-1-15-2/>

Had this bookmarked for a while but haven't tried it yet.

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Plebboi23 • 8mo ago

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