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SSH Tunnel to Ngrok and Initiate RDP

Ask Question

Asked 7 years, 8 months ago   Modified 5 years, 2 months ago   Viewed 19k times

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I am trying to access my Linux machine from anywhere in the world. I have tried originally port forwarding and then ssh'ing in; however, I believe my school's WiFi won't allow port forwarding (every time I ran it, it would tell me connection refused). I have setup an account with ngrok and I can remotely SSH in, but now I am wondering if it is possible to RDP. I tried connecting via the Microsoft Remote Desktop app on Mac, but it instantly crashes. I have also looked at trying to connect with localhost, but it's not working. So far, I have tried (with xxxx being the port):

```
ssh -L xxxx:localhost:xxxx 0.tcp.ngrok.io
```

and

```
ssh -L xxxx:localhost:xxxx <user>@0.tcp.ngrok.io
```

but my computer won't allow it and after about 2 or 3 times, it warns me of a possible DNS Spoofing. Is there anyway that I can run a remote desktop of my linux machine that I have ssh tunneled to (from my mac) on ngrok? Thank you!

`linux`   `ubuntu`   `ssh`   `ngrok`

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asked Feb 24, 2017 at 15:26
SF Dev
409 ●1 ●4 ●13

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1 Answer

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First you'll need to [sign up with ngrok](#) if you haven't already and you'll be given an authtoken. You'll need to install this by running

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This will save your token to a file located `../username/.ngrok/ngrok.yml`

Then you'll need to ask ngrok to [create a TCP tunnel](#) from their servers to your local machine's Remote Desktop port which should be 3389 by default

```
ngrok tcp 3389
```

Give it 30 seconds or so then jump to `http://localhost:4040/status` to see what the tcp address ngrok has allocated you. It should look something like `tcp://1.tcp.ngrok.io:158764`

Now you should be able to remote into your machine using address `1.tcp.ngrok.io:158764`

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answered Jun 20, 2017 at 12:15

Frank Fu
3,633 ● 2 ● 30 ● 39

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4   If following the steps above does not allow your Remote Desktop Client to connect, make sure your Windows machine's Remote Desktop is enabled. That's the trap I fell into. :) – Big Pumpkin Jul 31, 2018 at 5:52

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