

Forum:[Hack Forums](#)

Thread: [Looking for a method to reverse SSH back home](#)

the-aphelion - April 24, 2018, 8:01 pm

Hi all, I'm working on a project and I'm trying to figure out a way to have my device phone home and open up a terminal when connected to the internet. I'm unsure as to how to go about this properly. I've looked into AutoSSH but it doesn't seem like exactly what I need (I could be wrong here). Thanks in advance.

FantaŠec - April 30, 2018, 10:48 pm

Have you looked into using a tertiary server that you could have a home computer connected to and SSH into that?

i.e. Have home server A connect to a cloud server B on a cron interval. Then have your device (when mobile) connect to server B. While on server B, `ssh -p [port]` where port is the current port that server A is ssh'd on.

Sir-Teabag - May 1, 2018, 12:38 am

wait open a terminal on your computer at home as soon as it's on the internet?

if so, use this

Code `@echo off`

`:here`

`if not %ERRORLEVEL%==0 goto terminal`

`::this will keep loopning until its connected to the internet`

`goto here`

`:terminal`

`::okay so lets say it has connected to the internet, it should start your terminal now`

`::idk which terminal you use, so i'll use Putty as example?`

`echo Device is connected to the internet`

`start C:\Program^ Files\PuTTY\putty.exe`

`pause & exit`

I think this is what you're looking for?

?CARUs L?VE?™ - May 1, 2018, 7:30 am

(Apr 24, 2018 08:01 PM)the-aphelion Wrote: [\[CITE\]](#) Hi all, I'm working on a project and I'm trying to figure out a way to have my device phone home and open up a terminal when connected to the internet

What device are you using to "phone home", E.T.?

the-aphelion - May 1, 2018, 5:26 pm

(May 1, 2018 07:30 AM)?CARUs L?VE?™ Wrote: [\[CITE\]](#) What device are you using to "phone home", E.T.?

I'm an idiot for leaving out something that important. Device is a Pi 3.

(Apr 30, 2018 10:48 PM)FantaŠec Wrote: [\[CITE\]](#) Have you looked into using a tertiary server that you could have a home computer connected to and SSH into that?

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Well the plan was to have the Pi 3 phone to a permanent home server and use it as an intermediary. However I didn't know that you can forward through the tertiary server like that. I looked up as much as I could during my research but apparently I didn't research well enough. I'm going to give that a try. And I'll report back.

FantaŠec - August 19, 2019, 1:31 pm

(May 1, 2018 05:26 PM)the-aphelion Wrote: [\[CITE\]](#) I'm an idiot for leaving out something that important. Device is a Pi 3.

Well the plan was to have the Pi 3 phone to a permanent home server and use it as an intermediary. However I didn't know that you can forward through the tertiary server like that. I looked up as much as I could during my research but apparently I didn't research well enough. I'm going to give that a try. And I'll report back.

Did you every get this successfully working? This is basically a reverse tunnel over a tertiary server and is used a lot in practice in security and system administration.