HTPC Guides

Streamline your home media experience

Enter Email

Get More Tips!

Configure Plex Media Server Reverse Proxy nginx Linux

Configure a Plex Media Server reverse proxy with nginx on Linux for convenient remote access. The best way to use a reverse proxy for people with dynamic IP addresses is to use a free dynamic DNS service like AfraidDNS (guide for automating), DuckDNS or No-IP. When you are done with this Plex reverse

Search …

Recent Posts

LineageOS 14.1 New Updates Download Location

Configure Transdrone for Deluge and nginx Reverse Proxy

HiFiBerry DAC+ and DIGI+ What you Need to Get Started

Install Cardigann Torznab Indexer on Ubuntu 16.04

proxy tutorial you will be able to access Plex without plex.tv and instead use your custom DNS address like http://htpcguides.crabdance.com/web instead of http://IP:32400/web. This Plex reverse proxy how-to was tested on Debian and Ubuntu but the nginx virtual host should work on any Linux system. I also managed to get a custom location to work so you can use /plex instead of /web.

Configure Plex Media Server Reverse Proxy nginx Linux

I will assume you already have a dynamic DNS address configured. For the best results use your router running [dd-wrt](#) or [OpenWRT](#) to update your free dynamic DNS. At the very least do not use a device that is connected to a VPN service like [PIA](#), [PureVPN](#) or [IPVanish](#) etc. Something like a Raspberry Pi would be a good choice since it uses very little power and physical space.

Pi Unit	Processor	RAM	RAM Bus	Network	WiFi	USB
Raspberry Pi 3	1.2 GHz ARMv8 Quad Core	1 GB DDR2	450 MHz	100 Mbit	Yes	4
Raspberry Pi 2	900 MHz ARMv7 Quad Core	1 GB DDR2	450 MHz	100 Mbit	No	4
Raspberry Pi	700 MHz ARMv6 Single Core	512 MB SDRAM	400 MHz	100 Mbit	No	4

Install Watcher on Ubuntu 16.04

banana pi radarr sickrage windows reviews reverse proxy sonarr sabnzbd music benchmarks giveaway pushbullet usenet nzbdrone virtual machines transmission mylar debian sickgear synology varnish nzbget orange pi nzbmegasearch wordpress htpc utorrent android htpc manager deluge nzbhydra remotes nzedb couchpotato nas vps odroid dlna jackett ubuntu plex raspberry pi torrent osx seedbox tv streaming vpn arch linux headphones routers lazylibrarian kodi xbmc

Popular Posts

Enable SSH on

| Banana Pi Pro | 1 GHz ARMv7 Dual Core | 1 GB DDR3 | 432 MHz | Gigabit | Yes | 2 |

Make uTorrent Automatically Stop Seeding When Complete

Configure Plex with Dynamic DNS

If you are behind a VPN this can allow you to still access Plex by your dynamic DNS address without having to resort to iptable rules.

Note that if you use plex.tv for gaining access to other Plex servers this will not fix that. You will have to have your friends use a similar set up and connect to them directly.

In the Plex Media Server settings click **Server** at the top and click **Network** in the sidebar

Click **SHOW ADVANCED** at the top

For **Custom server access URLs** enter your dynamic DNS address

Scroll down and click **Save Changes**

Configure Transmission Remote GUI Client on Windows

Autoconnect Private Internet Access VPN on Boot Linux

Spin Down and Manage Hard Drive Power on Raspberry Pi

How to Use SD Card Reader in VMPlayer and VMWorkstation

Archives

Select Month ⌄
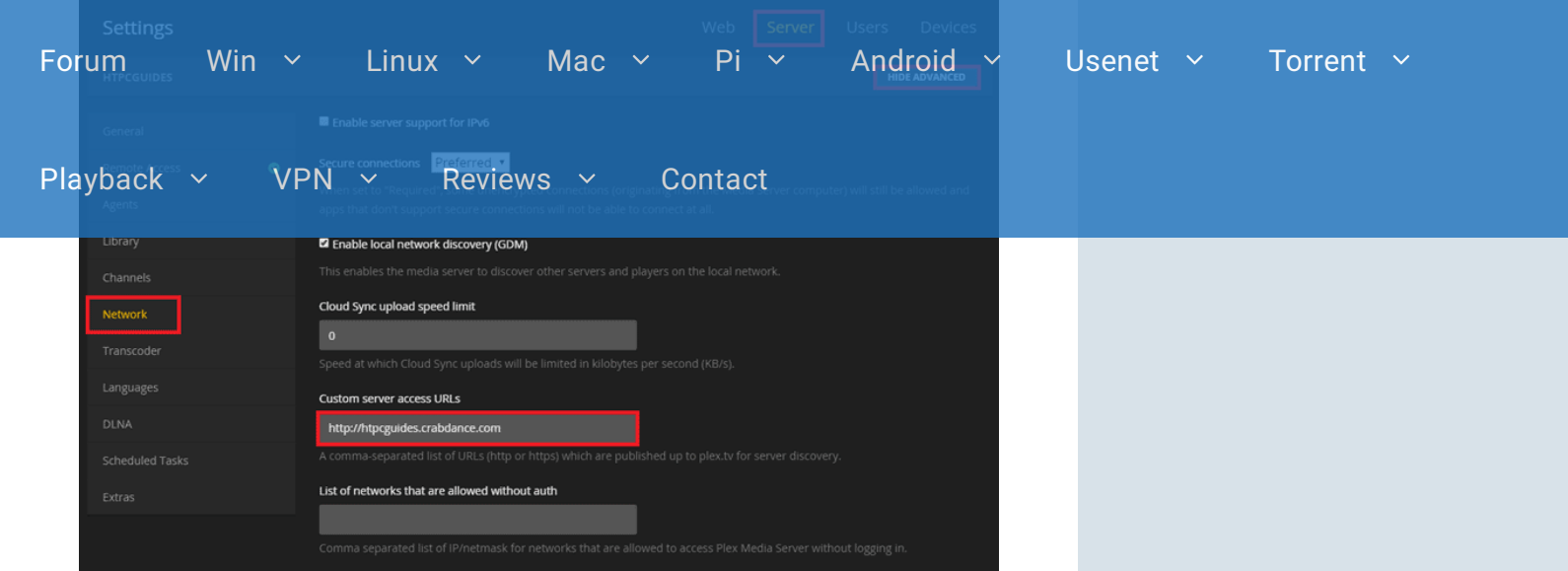
Configure Plex Reverse Proxy with nginx

Install nginx on Debian or Ubuntu

```
sudo apt-get update
sudo apt-get install nginx -y
```

Unlink the default nginx host

```
sudo unlink /etc/nginx/sites-enabled/default
```

Create the Plex nginx reverse proxy virtual host

```
sudo nano /etc/nginx/sites-available/reverse
```

Paste this working Plex reverse proxy nginx virtual host.

Change to match your dynamic DNS address (here `htpcguides.crabdance.com`) and local IP address

(here 192.168.40.105).

If you already have a reverse proxy setup then only add the blue block.

```
server {
    listen 80;
    server_name htpcguides.crabdance.com 192.168.40.10!

location /web {
    proxy_pass http://127.0.0.1:32400;
    proxy_set_header Host $host;
    proxy_set_header X-Real-IP $remote_addr;
    proxy_set_header X-Forwarded-For $proxy_add_x_forwa
  }
}
```

To use a custom location like /plex for your nginx reverse proxy, you can try the virtualhost below. It requires the one above as well. I tested this and it worked, credit goes to information found here and more information from here and here.

Only add the blue section if you already have a reverse proxy nginx virtual host.

```
server {
    listen 80;
    server_name htpcguides.crabdance.com 192.168.40.10!

location /web {
    proxy_pass http://127.0.0.1:32400;
    proxy_set_header Host $host;
```

```
    proxy_set_header X-Real-IP $remote_addr;
    proxy_set_header X-Forwarded-For $proxy_add_x_forw
  }

location /plex {
    proxy_pass http://127.0.0.1/web;
  }
}
```

Link your Plex nginx virtual host into sites-enabled

```
sudo ln -s /etc/nginx/sites-available/reverse /etc/ngi
```

Test nginx to make sure your configuration has the correct syntax

```
sudo nginx -t
```

If you got no errors then restart nginx to activate the Plex reverse proxy

```
sudo service nginx restart
```

Now you can access Plex via reverse proxy using your dynamic DNS address and bypass plex.tv, make sure to port forward port 80 from your home router to your Plex server.

If you want to be super secure then use https on the reverse proxy by following this guide.

Forum   Win   ⌄   Linux   ⌄   Mac   ⌄   Pi   ⌄   Android   ⌄   Usenet   ⌄   Torrent   ⌄

📁   debian, htpc, plex, reverse proxy, ubuntu
‹   Install php7 + nginx + MariaDB + WordPress on Debian
Playback   ⌄   VPN   ⌄   Reviews   ⌄   Contact
Jessie
›   Install Plex Requests Windows with System Service

DISCLAIMER

The information on HTPC Guides is for educational purposes and only condones obtaining public domain content. HTPC Guides is not responsible for content from any other site or provider. By using the links provided on this site you agree that neither this site nor its proprietor is in any way responsible for any damages or liability arising from use of external content.

Copyright

The information on this site is the intellectual property of the owner. Credit to other sources is provided where relevant. If you believe any information has not been sourced, please leave a comment and appropriate action will be taken.

175ZkZkzsqub6WKUsCcDdGv6E117KG6VTb