Enabling CDN

- Configure your own "custom" CDN
- Requesting a CDN "Share"
- Verifying if the CDN is working and active
- Enable CDN

Configure your own "custom" CDN

ARE YOU HAVING PEERING ISSUES, AND YOU WANT THE STABILITY OF USING YOUR OWN CDN?

Getting a domain

First you need a domain. For example Godaddy

Register on Cloudflare

Create an account on cloudflare.com and add your newly purchased domain. Read the article on how to do this here

Creating certs with Cloudflare

Step 1. Navigate to the Crypto page on Cloudflare

Log in to www.cloudflare.com and click the "Crypto" icon. You might need to click your domain name first.

Image not found or type unknown
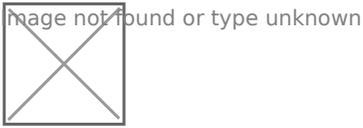
Step 2. Change your SSL to "Full (strict)"

The change will be saved automatically!

Image not found or type unknown
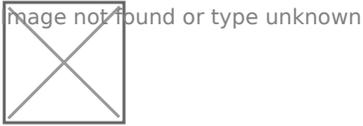
Step 3. Create certificate"

Under Origin Certificates - Click Create Certificate

Image not found or type unknown
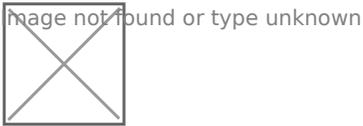
Step 4. Fill out the form

After clicking "Create Certificate", a popup will open.

- Select "Let Cloudflare generate a private key and a CSR"
- Make sure to select "RSA"
- Leave list hostnames default to what is preselected
- For certificate expiration close anything from 1 year to 15 years depending on if you want
-
Image not found or type unknown
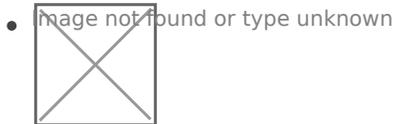
Step 5. Generate the certs

Now click next, and you will be given your certificates.

- Copy the Origin certificate to text editor and save it with the name **chain.pem**
- Copy the Private key to a text editor and save it with the name **privkey.pem**

- Make a copy of **chain.pem** and name it **fullchain.pem**

Step 6. Get the root cert

Click this link https://support.cloudflare.com/hc/en-us/articles/115000479507#h_30cc332c-8f6e-42d8-9c59-6c1f06650639

Find the "Cloudflare Origin CA — RSA Root" accordian. Then click it to expand, and copy the content.

Then open **fullchain.pem** and paste the contents under **-----END CERTIFICATE-----**

Providing us with the needed data

Head over to settings - CDN Host page. You will be presented with a form asking for some data.

Cloudflare data

Login to cloudflare.com and click your domain.

In the "overview" tab, scroll down and find the **Zone ID**. Copy this and add it to the form.

Click the "**get your api key**" button underneath the "account ID" box. Scroll down and click "**view**" on "**Global api key**". Copy this and add it to the form. The Cloudflare E-mail is the email you logged in with. Add this to the form.

Domain data

Enter your domain in the "Domain" field. **Do not include http, https, or www**.

Example: bestdomain.net

.pem file content

Open the **chain.pem**, **fullchain.pem** and **privkey.pem** in your favorite editor.

Copy **ALL** of the content and copy into their respective text area in the form.

When you're done, click "Save information"

That's it!

You may head over to the dashbaord, and the new CDN will appear in the CDN kronos dropdown list!

Requesting a CDN "Share"

If you feel intimidated by the "custom CDN" setup guide, or just want to see if you can save some time, we offer a community based feature called "CDN Share"

This allows other customers with a custom CDN to share their CDN with you, so that you can enable the CDN on your server via your own dashboard.

Head over to the community center and read more about this feature to sign up for a share!

Welcome to the Community Center

In the community center, you will find access to features that are in part supported by the Elysium community

CDN

Ask for share

Looking to improve your connection to your Plex server?

If you don't want to setup your own CDN, you can ask for someone to share theirs with you.

This will add yourself to the list of people requesting a CDN share.
Elysium members with a custom CDN can then share their CDN with you, so that you can enable it on your appbox via the "Enable CDN button".
Note that simply requesting access does not guarantee that someone will share with you.
Your **username** will be visible to other users!

📋 Put me on the list

Share your CDN

Looks like you have a custom CDN. Nice!
If you wish, you can share this CDN with any users you like from the list below.

The users will NOT be able to see any of your domain information. The CDN wil appear as "CDN shared by Suspense" in their CDN list

Show 5 ▽ entries

Search users... 🔍

Username	
StephonUrquelle	Share with this user

Showing from 1 to 1 of total 1 items

First   Previous   1   Next   Last

Verifying if the CDN is working and active

Once the CDN is enabled, you might want to verify if indeed it is in effect.

Do this, by downloading something from your plex server, and verify the domain location the download originals from.

If the CDN is active, you will see your domain name, in the download URL
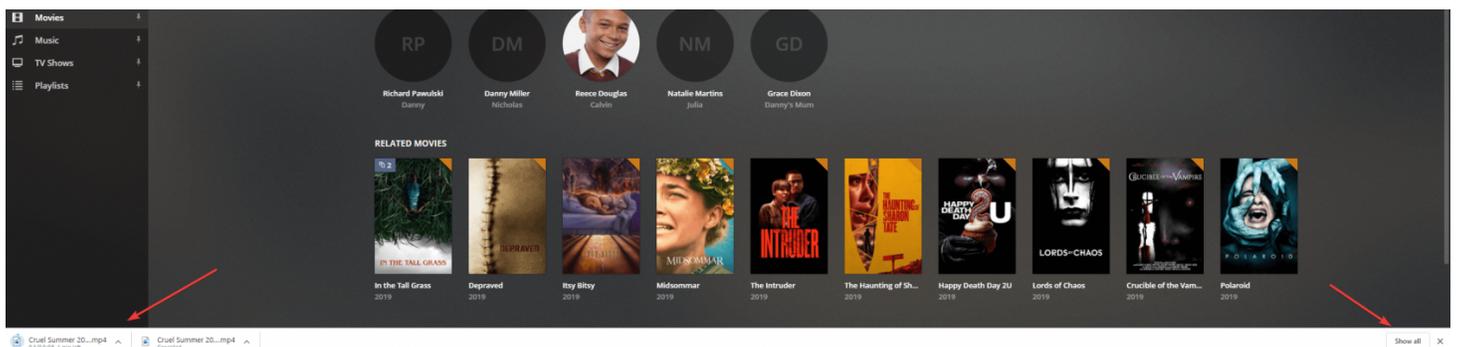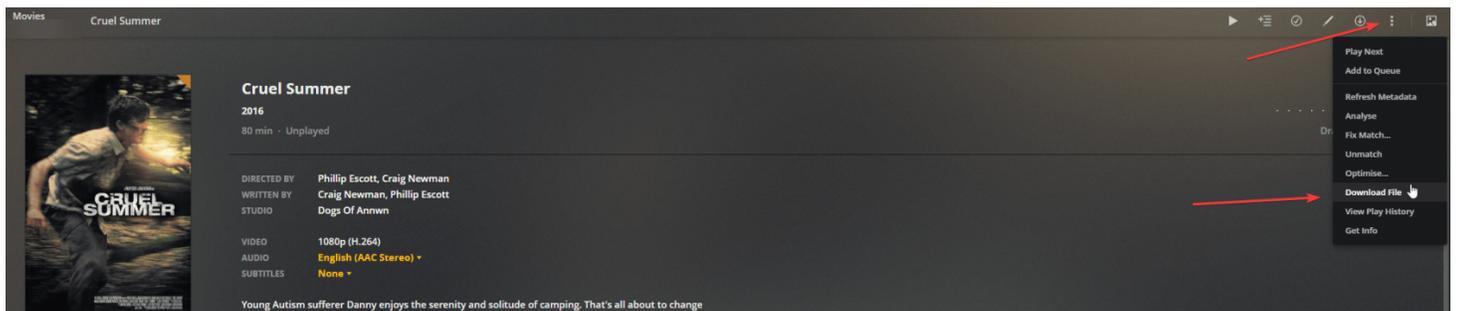
Cruel Summer 2016 Bluray-1080p.AAC.x264.FGT.mp4

https://138-201-1

29.8 MB/s - 2.1 GB of 7.0 GB, 3 mins left

Pause   Cancel

Enable CDN

Enable one of our official CDN nodes, we recommend Finland/AMS from our list
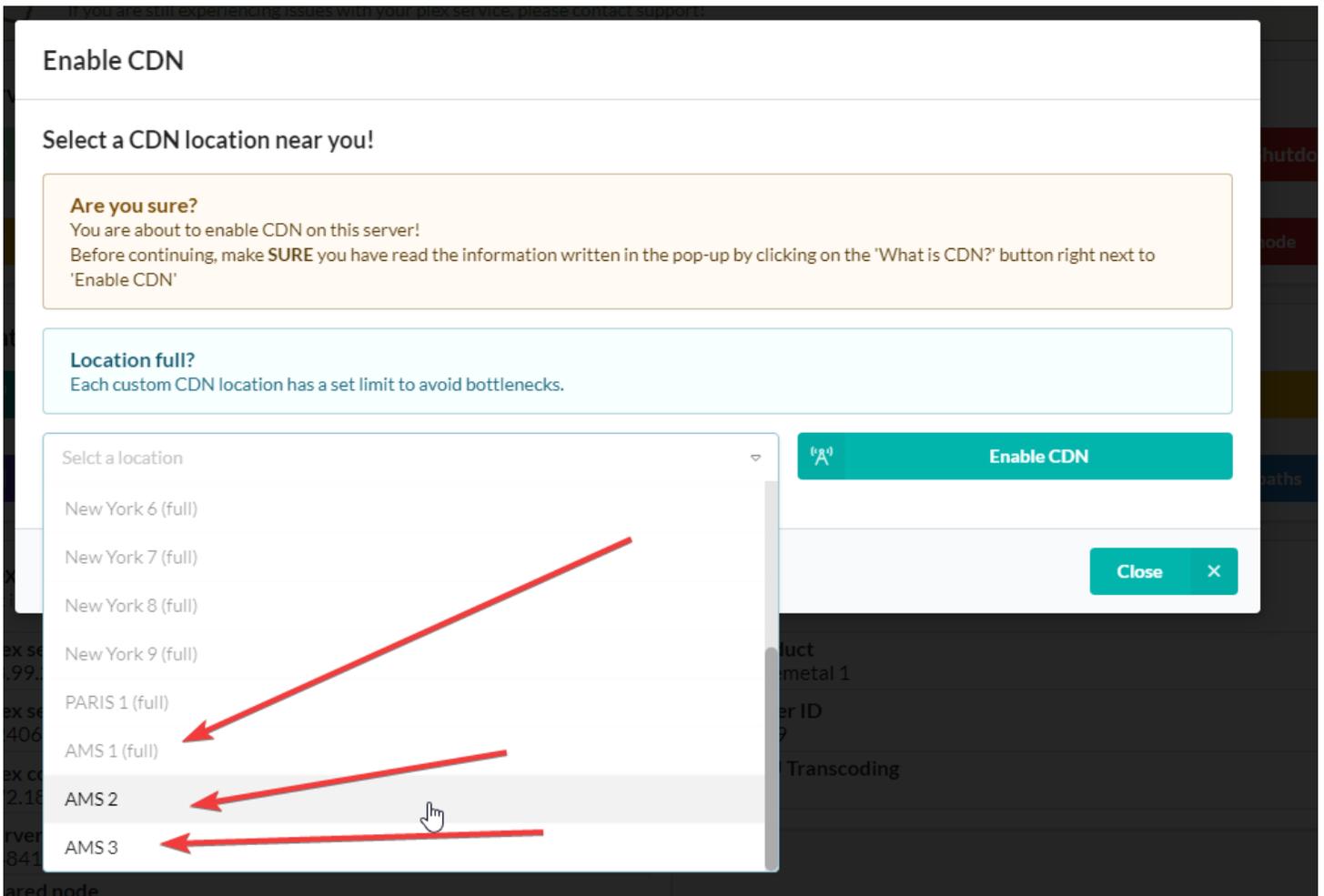
Confirm the CDN is actually working, after enabling

If you have enabled one of the provided CDNs, you can easily confirm if the CDN is effective after enabling, by following these steps.

1. Verify on your appbox dashboard, that the CDN is enabled, as well as your "Server ID".

Features

Disable CDN

CDN location currently using
Finland-6(US)   ← 1

Manage Plex Backups

Troubleshoot

Transcoding issues

Plex
Plex information

Plex server IP

Plex server port

Plex config IP

Server ID
21723   ← 2

Shared node

2. Next, open your web browser and enter, https://serverID.tixehosting.com - **Remember to use your own server ID, and not the one in this image!.**

If you see plex open when entering this in your browser, then the CDN is properly enabled. If you get an error, submit a ticket on your dashboard!

3. Verify remote access on your appbox is disabled, to force the CDN to be used.

Login to https://plex.tv and click the settings icon, top left
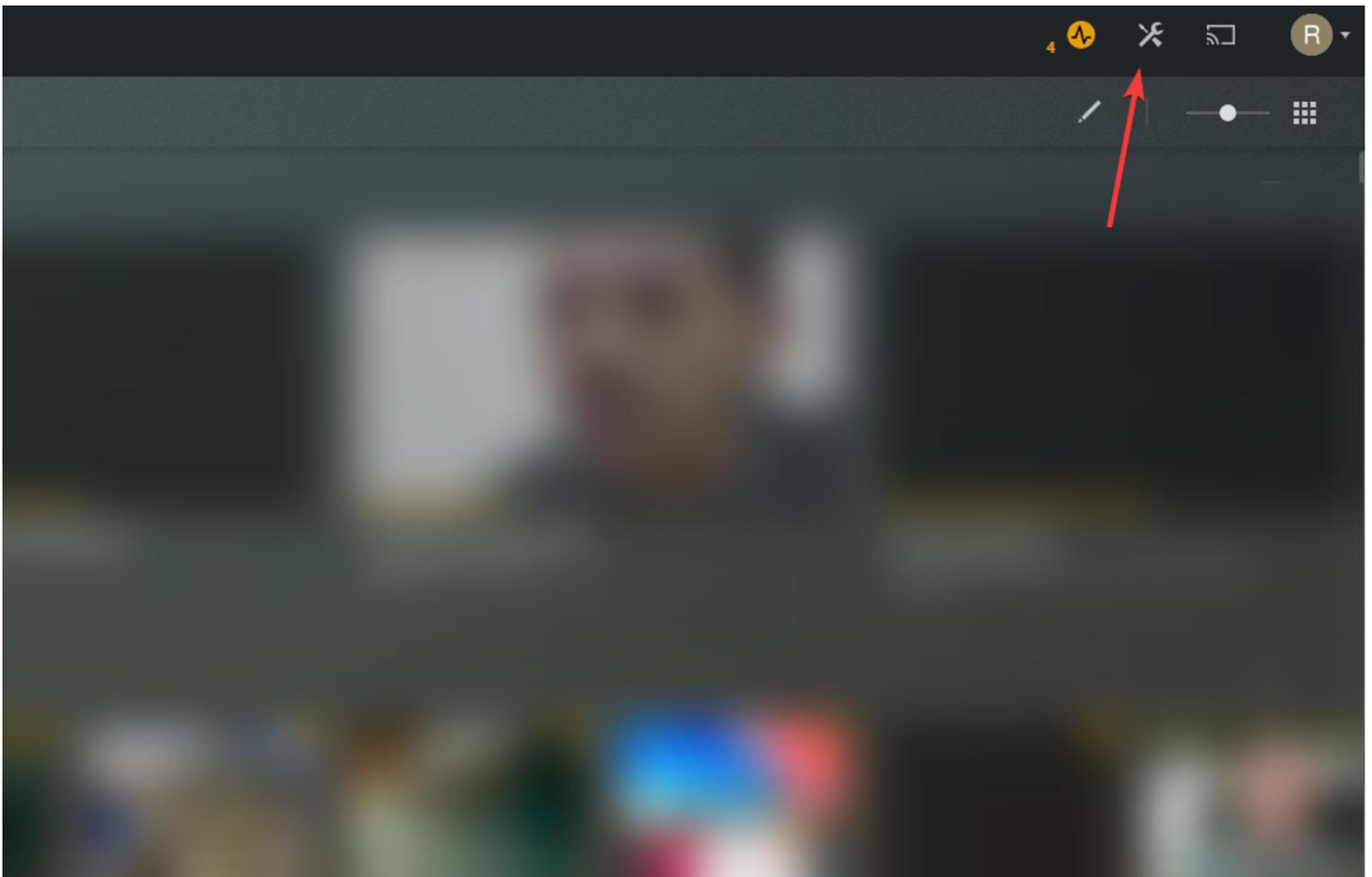
4. Select "Remote access" and click "Disable"
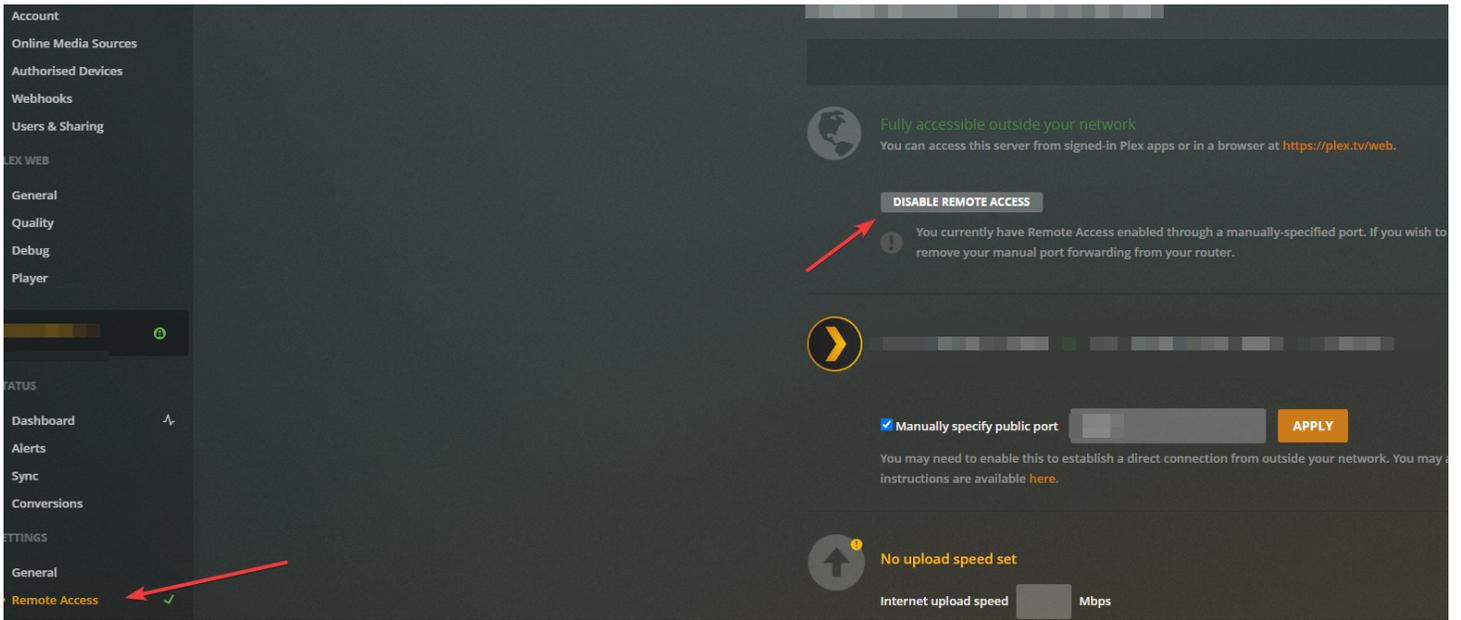
CDN is now forcefully enabled