

Autoscan

This unofficial app installation script is provided for your convenience. The script is provided as-is and may not be updated or maintained by Ultra.cc. Customers are welcome to use and customize unofficial app installers for their unique needs and requirements. Unofficial support may be offered via [Discord](#) only and at the sole discretion of Ultra.cc staff. Use at your own risk and only proceed if you are comfortable managing the application on your own.

Autoscan replaces the default method of updating your Plex, Jellyfin, or Emby libraries by the use of webhooks sent from the Connect feature within Sonarr and Radarr. More information can be found here:

github.com/Cloudbox/autoscan

Notable benefits of Autoscan over Radarr/Sonarr Connect:

- Will update efficiently the path of the media item(s) only, and not perform a full library scan.
 - This can lighten the use of HDD IO resources as well as remote storage API calls.
- Has the ability to check for anchor files on mounts to prevent library updates in the case of the mount being offline.

This installer, and guide, assumes that your Radarr/Sonarr and media server applications such as Plex, Jellyfin, or Emby, are all on the same service

Prerequisites

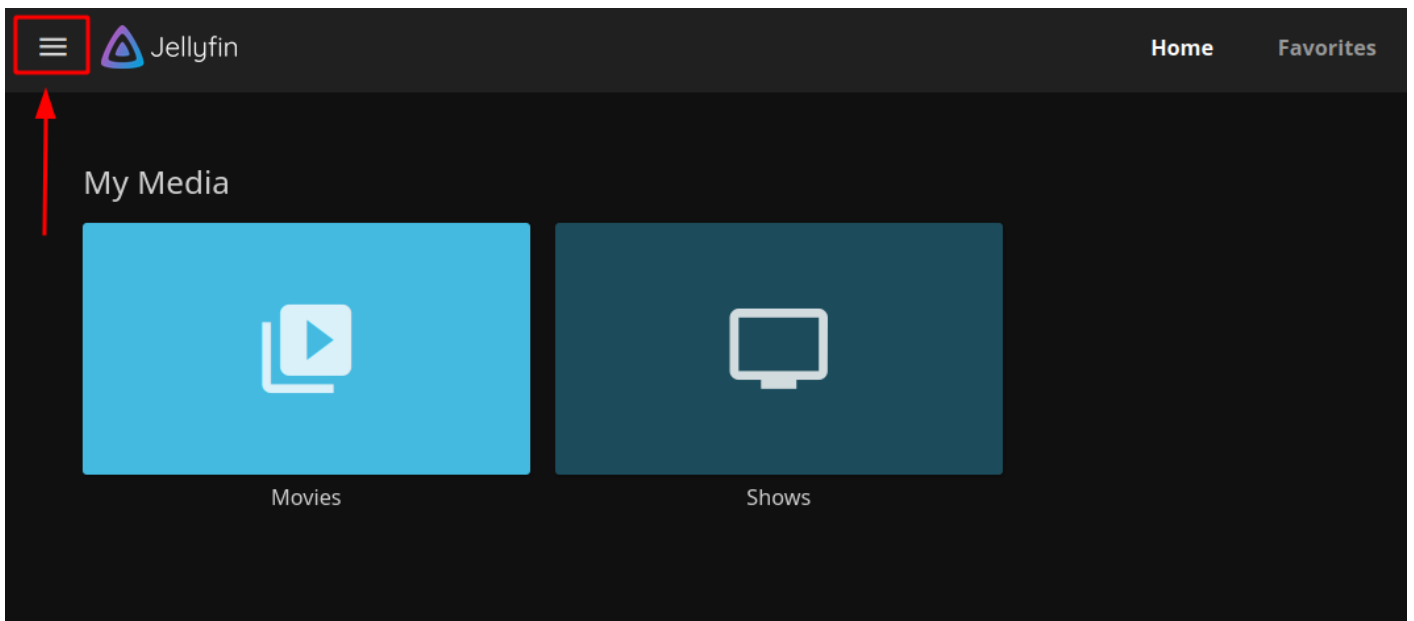
Autoscan will use a token to gain access to your media server application to perform its update functions.

Plex Token

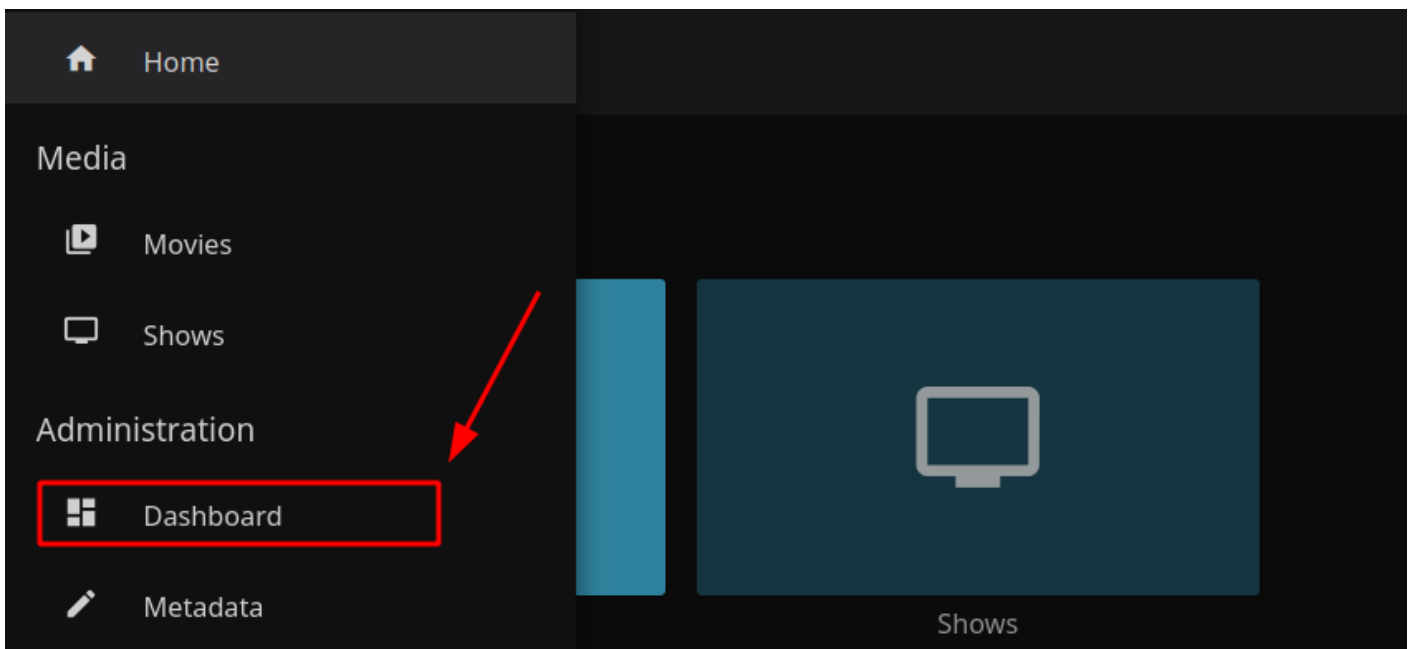
- To find your Plex token, please visit this Plex article: [Finding an authentication token / X-Plex-Token](#)

Jellyfin API Token

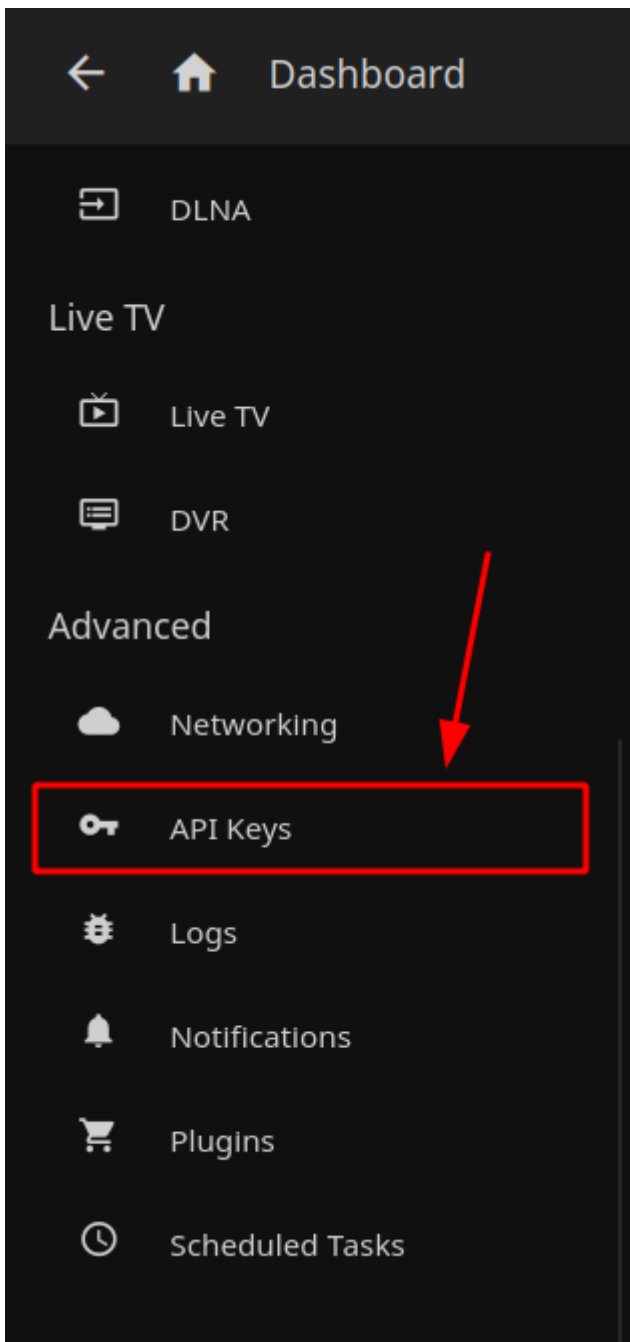
- To create your Jellyfin API token for Autoscan first navigate to your Jellyfin menu in the top left-hand corner.



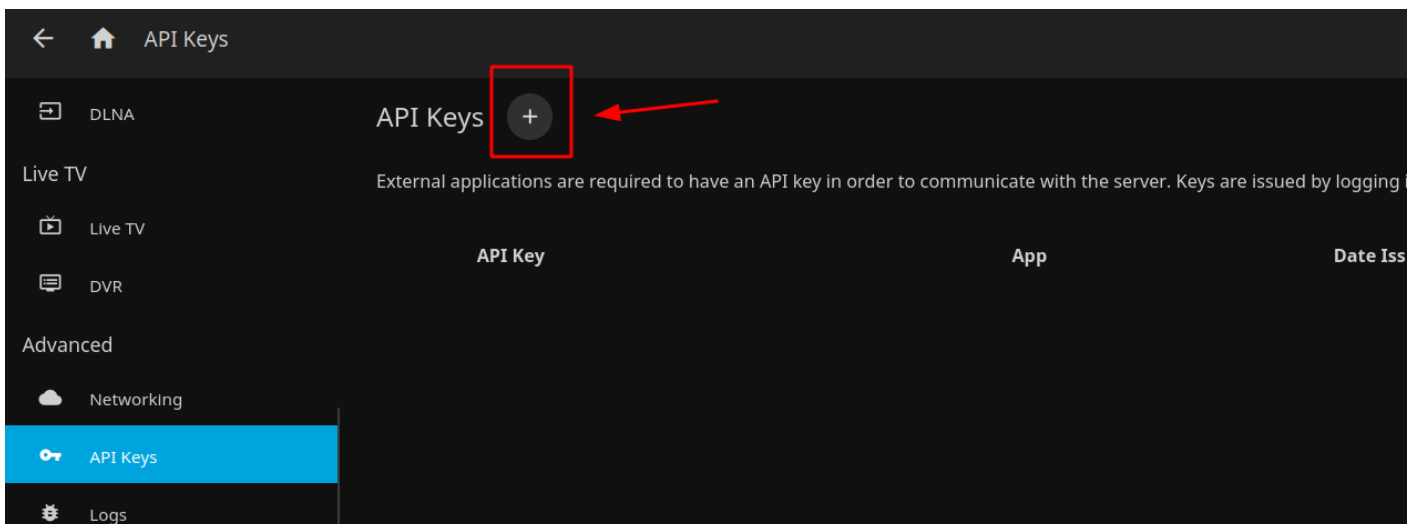
- Next select the Jellyfin **Dashboard** menu



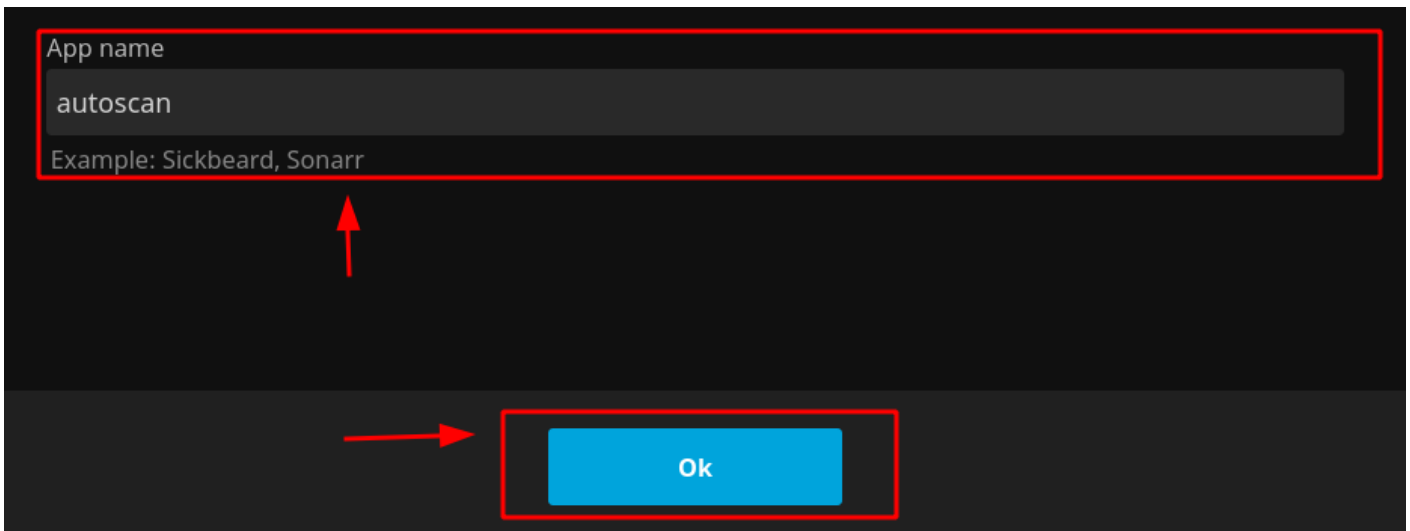
- Then select **API Keys** in the **Advanced** dashboard menu



- From here you will need to click the  button to create a new API token

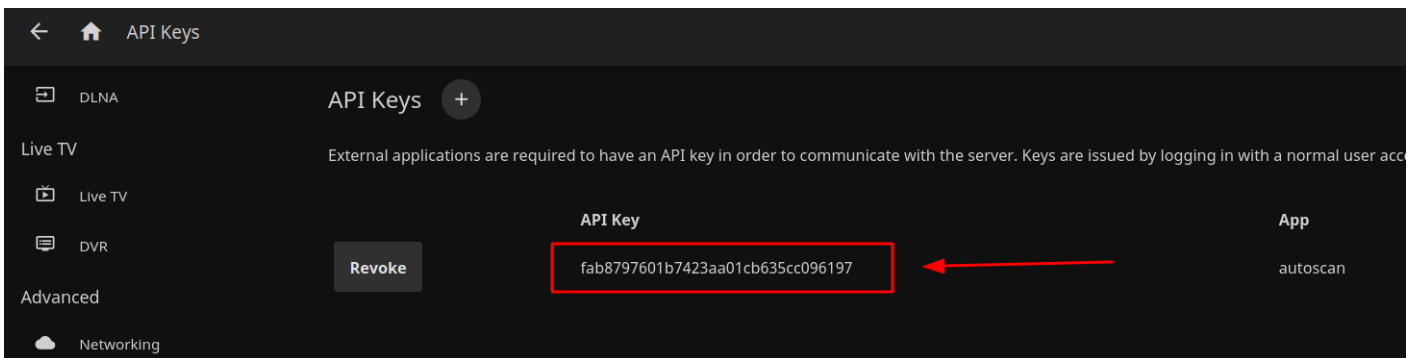


- Name your API Key and save it using the **Save** button



A dark-themed form for creating an API key. The 'App name' field is highlighted with a red box and contains the text 'autoscan'. Below it, there is a hint text 'Example: Sickbeard, Sonarr'. A red arrow points from the 'App name' field down to the 'Ok' button, which is also highlighted with a red box.

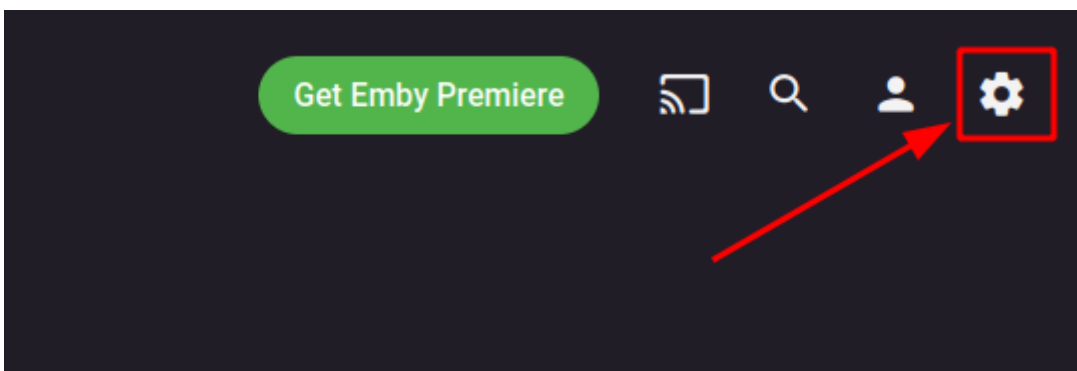
- Finally, from here you will see your **API Key** to copy and save so that you may enter it when prompted by the autoscan installer script



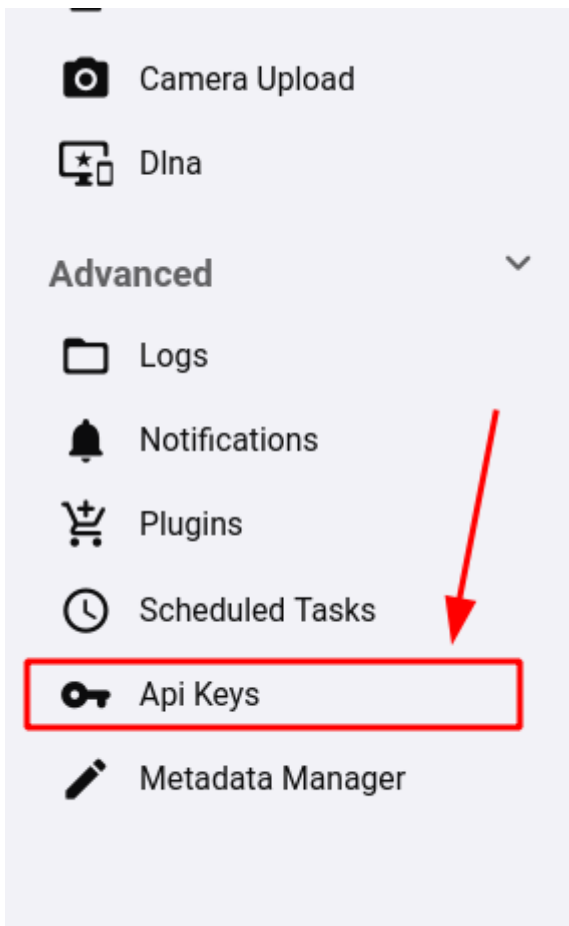
A screenshot of the 'API Keys' management page. The page has a dark theme. On the left, there is a sidebar with navigation links: 'DLNA', 'Live TV', 'DVR', 'Advanced', and 'Networking'. The main content area is titled 'API Keys' and includes a '+ API Keys' button. Below the title, there is a text block: 'External applications are required to have an API key in order to communicate with the server. Keys are issued by logging in with a normal user account.' Below this, there is a table with the following columns: 'API Key', 'App', and 'Actions'. The table contains one row with the API key 'fab8797601b7423aa01cb635cc096197', the app name 'autoscan', and a 'Revoke' button. A red box highlights the API key, and a red arrow points to it from the right.

Emby API Token

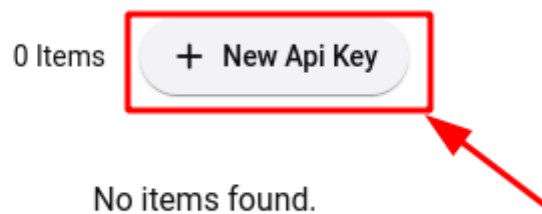
- To create your Emby API token for autoscan first navigate to your Emby admin menu



- Then select **API Keys** in the **Advanced** menu section



- From here select the **New Api Key** button



- Name your API Key and save it using the **Save** button

← New Api Key

App name

 ←

Example: Sickbeard, NzbDrone

Ok

- Finally, from here you will see your **API Key** to copy and save so that you may enter it when prompted by the autoscan installer script

← Api Keys

1 Item

+ New Api Key



ac6cfae90c674d3cae0130adf66e06d9 autoscan

Disable Media Server's Internal Scans

Autoscan is meant to handle your media center's scanning entirely, so it is recommended to disable your Plex, Jellyfin, or Emby's internal scanning settings to avoid any conflicts.

Disable Plex's Internal Scanning

- Navigate to your Plex Server **Settings >> Library** and disable the following:

Scan my library automatically: DISABLED

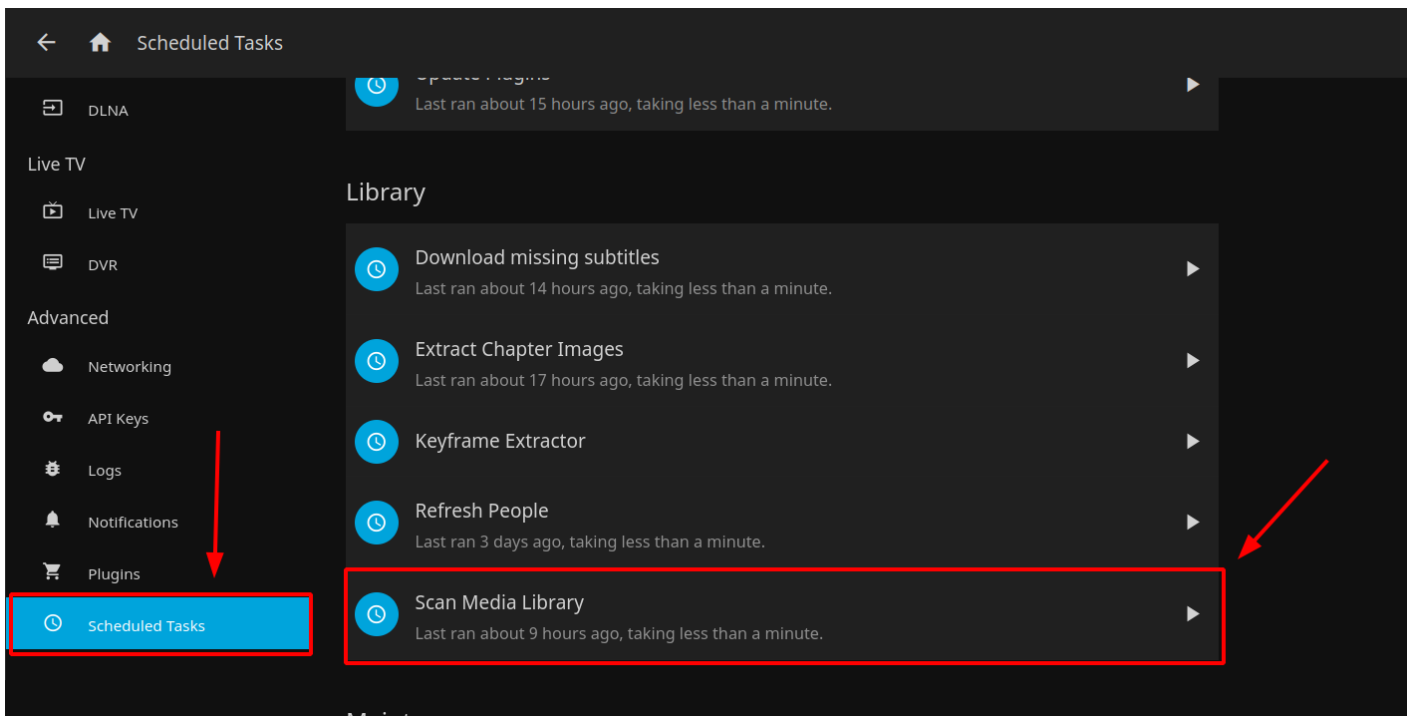
Run a partial scan when changes are detected: DISABLED

Scan my library periodically: DISABLED

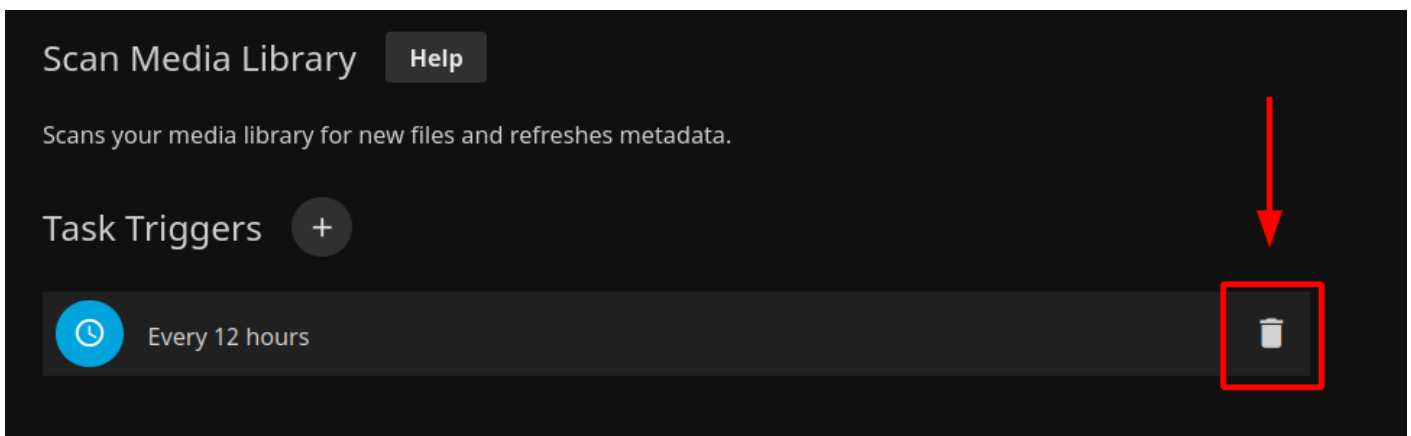
Disable Jellyfin's Internal Scanning

Jellyfin Scan Schedule

- Navigate to your Jellyfin **Menu >> Dashboard >> Scheduled Tasks** and select **Scan Media Library**



- From here you can click the trash icon to delete the Library Scan schedule



Jellyfin Individual Library Settings

- Navigate to your Jellyfin `Menu >> Dashboard` and select `Libraries`
- For each Individual library settings, you will need to **disable** the `Enable real time monitoring` feature

Disable Emby's Internal Scanning

Emby Scan Schedule

- Navigate to your Emby `Settings Menu >> Scheduled Tasks` and select `Scan Media Library`

The screenshot shows the Emby Server web interface. On the left sidebar, the 'Scheduled Tasks' menu item is highlighted with a red box and a red arrow points to it. In the main content area, under the 'Library' section, the 'Scan media library' task is highlighted with a red box, and another red arrow points to its play button icon.

Downloads & Conversions

- Convert media**
Last ran 17 minutes ago, taking 0 seconds.
Converts media
- Transfer media**
Last ran 17 minutes ago, taking 0 seconds.
Transfers completed conversions to their final destination. Used by the Download and Conversion features.

Library

- Download subtitles**
Last ran 15 hours ago, taking 0 seconds.
Searches the internet for missing subtitles based on metadata configuration.
- Scan Metadata Folder**
Run this task if you've modified the contents of Emby Server's internal metadata folder directly, so that Emby Server can discover the changes.
- Scan media library**
Last ran 3 hours ago, taking 0 seconds.
Scans your media library and refreshes metadata based on library options.
- Thumbnail image extraction**
Creates thumbnails for videos.

- From here you can click the trash icon to delete the Library Scan schedule

Scan media library

Scans your media library and refreshes metadata based on library options.

Task Triggers



Every 12 hours



Emby Individual Library Settings

- Navigate to your Emby `Settings >> Library` and select `Libraries`
- For each Individual library settings, you will need to **disable** the `Enable real time monitoring` feature

Installation

- Login to your service via [SSH](#)
- Execute the following command to install autoscan:

```
bash <(wget -qO- https://scripts.usbx.me/main/autoscan/autoscan-install.sh)
```

Adding Webhooks to Sonarr and Radarr

After successfully installing autoscan via the script you will see the two Webhook URLs shown that are needed to add to your Sonarr and Radarr instances

Sonarr Webhook

- Navigate to `Settings >> Connect >> + >> Webhook`

```
Name: autoscan
On Grab: NO
On Import: YES
On Upgrade: YES
On Rename: YES
On Series Delete: YES
On Episode File Delete: YES
On Episode File Delete For Upgrade: YES
On Health Issue: NO
On Application Update: NO
URL: (as shown in SSH terminal per autoscan installer script output)
Method: POST
Username: {username}
Password: (as entered per autoscan installer script prompt)
```

Radarr Webhook

- Navigate to `Settings >> Connect >> + >> Webhook`

```
Name: autoscan
On Grab: NO
On Import: YES
On Upgrade: YES
On Rename: YES
On Movie Added: YES
On Movie Delete: YES
Movie File Delete: YES
Movie File Delete for Upgrade: YES
On Health Issue: NO
On Application Update: NO
URL: (as shown in SSH terminal per autoscan installer script output)
Method: POST
Username: {username}
Password: (as entered per autoscan installer script prompt)
```

Optional Setup Settings

Anchors for Mounts

Autoscan has the ability check first for anchor files to prevent library updates in the case of a mount being offline. This can allow the use of the Plex library setting `Empty trash automatically after every scan` safely to avoid the loss of library metadata in the case of a mount going offline. *Use at your own risk*

The following assumes you've used our rclone mount guides for your mount locations. If you have custom mount paths and/or multiple mounts, then you will need to modify your anchor file locations accordingly

- To enable the anchor feature, first run the following command to create the anchor file in the root of your mount.

```
touch ~/Stuff/Mount/.anchor
```

- Next edit your autoscan configuration file at `~/.apps/autoscan/config.yml` and uncomment the last 2 lines by removing the `#` characters making the last two lines like the following example:

```
anchors:  
- /home/{USERNAME}/MergerFS/.anchor
```

In .yml and .yaml configurations files, improper use of indentation will prevent the configuration file from working correctly. Its important that no blank space be in front of the anchors: line and 2 blank spaces be in front of the `- /home/{USERNAME}/MergerFS/.anchor` line.

- Finally, run the following command to restart your autoscan to apply the changes.

```
systemctl --user restart autoscan
```

Use With Multiple Media Servers

The unofficial autoscan installer is only written for installation with a single media server in mind, however autoscan supports all three Plex, Jellyfin, and Emby media servers.

- If you wish to enable autoscan for additional media servers, you can do so by editing your autoscan configuration file at `~/.apps/autoscan/config.yml`
- Next, find the `targets:` section in your autoscan configuration file and uncomment the 3 lines for each additional media server you wish to enable
- Then, replace the `<token>` value with the respective media server token and/or API Key you wish to add
- Finally, run the following command to restart your autoscan to apply the changes.

```
systemctl --user restart autoscan
```