

# Installation and configuration guide

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# Setup (install/update)

## Emby Family module **WISECP**

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To install and update a module, you must perform one and the same action.

### 1. Download the latest version of the module.

```
wget http://download.puqcloud.com/WISECP/Product/PUQ_WISECP-Emby-Family/PUQ_WISECP-Emby-Family-latest.zip
```

All versions are available: [https://download.puqcloud.com/WISECP/Product/PUQ\\_WISECP-Emby-Family/](https://download.puqcloud.com/WISECP/Product/PUQ_WISECP-Emby-Family/)

### 2. Unzip the archive with the module.

```
unzip PUQ_WISECP-Emby-Family-latest.zip
```

### 3. Copy and Replace "puqEmbyFamily" from "PUQ\_WISECP-Emby-Family" to "WISECP\_WEB\_DIR/coremio/modules/Product/"

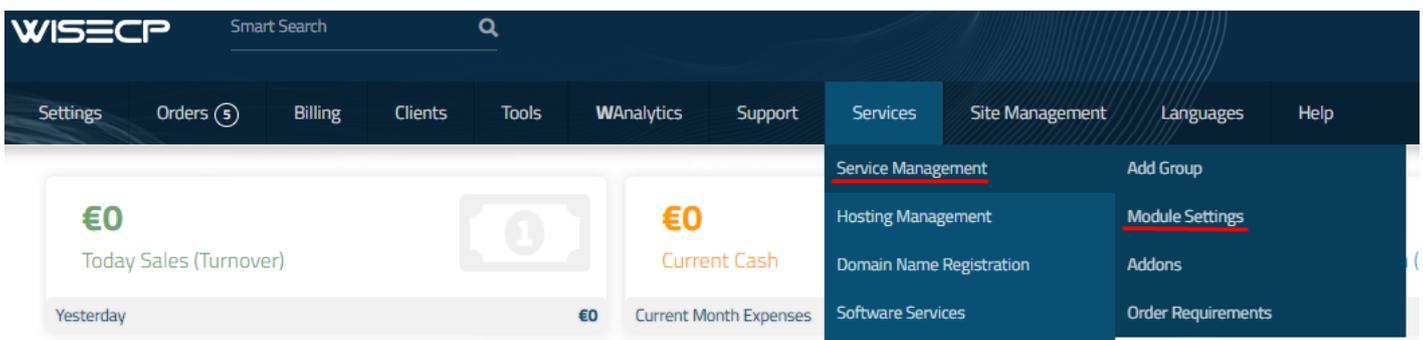
# License Activation

## Emby Family module **WISECP**

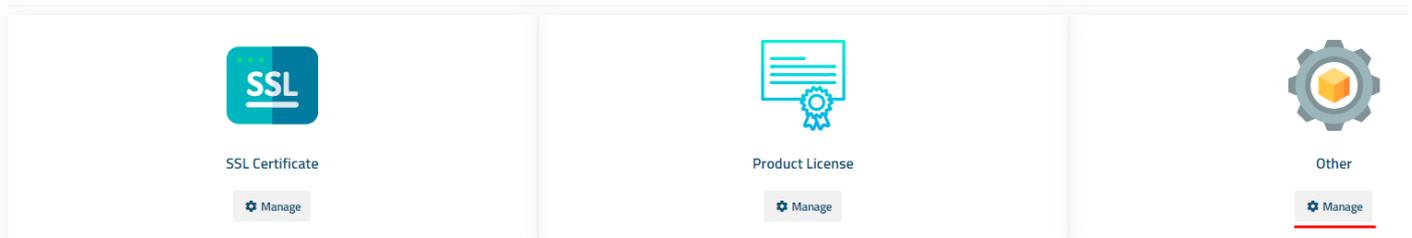
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1. Log in to the admin area of your **WISECP**.
2. Go to module configuration.

Services -> Service Management -> Module Settings -> Other -> All Modules -> PUQ Emby Family



### Module Settings





## Other

Initial Settings

All Modules

### Search Within Modules

Write something...



PUQ Digital Product

PUQ Emby Family

PUQ Emby

PUQ Jellyfin

PUQ Mikrotik WireGuard Business-VPN

PUQ Mikrotik WireGuard VPN

PUQ MinIO S3

PUQ Nextcloud

PUQ Nextcloud

PUQ ownCloud

PUQ Proxmox KVM

PUQ WireGuard Business-VPN

PUQ WireGuard VPN

Initial Settings

All Modules

### PUQ Emby Family

License key

HL [REDACTED] ZR

2024-08-02T13:49:53+02:00

Check and Save

Version: 1.0

Web Site

Documentation

Changelog

Add New Server

Server Groups

# Setup guide: Emby setup

## Emby Family module **WISECP**

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### 1. Install Emby on your server

To simplify deployment and help automate this for as many users as possible, we provide a BASH script to handle repo installation as well as installing Emby. All you need to do is run this command on your system

```
wget https://github.com/MediaBrowser/Emby.Releases/releases/download/4.7.14.0/emby-server-deb_4.7.14.0_amd64.deb
```

```
dpkg -i emby-server-deb_4.7.14.0_amd64.deb
```

### 2. SSL certificate generation:

```
sudo apt install nginx certbot python3-certbot-nginx
```

```
sudo certbot --nginx --agree-tos --redirect --hsts --staple-ocsp --email YOUR_EMAIL -d DOMAIN_NAME
```

```
echo "0 0 * * * root certbot renew --quiet --no-self-upgrade --post-hook 'systemctl reload nginx'" | sudo tee -a /etc/cron.d/renew_certbot
```

### 3. Configure nginx from a subdomain

Create a file named nginx.conf.

```
cd /etc/nginx/conf.d/  
nano nginx.conf
```

Then, insert the following text, replacing **DOMAIN\_NAME** with your domain.

```
# Uncomment the commented sections after you have acquired a SSL Certificate
server {
    listen 80;
    #listen [::]:80;
    server_name DOMAIN_NAME;

    # Uncomment to redirect HTTP to HTTPS
    return 302 https://$host$request_uri;
}

server {
    listen 443 ssl http2;
    #listen [::]:443 ssl http2;
    server_name DOMAIN_NAME;

    ## The default `client_max_body_size` is 1M, this might not be enough for some
posters, etc.
    client_max_body_size 20M;

    # use a variable to store the upstream proxy
    # in this example we are using a hostname which is resolved via DNS
    # (if you aren't using DNS remove the resolver line and change the variable to point
to an IP address e.g `set $emby 127.0.0.1`)
    set $emby 127.0.0.1;
    resolver 127.0.0.1 valid=30;

    ssl_certificate /etc/letsencrypt/live/DOMAIN_NAME/fullchain.pem;
    ssl_certificate_key /etc/letsencrypt/live/DOMAIN_NAME/privkey.pem;
    include /etc/letsencrypt/options-ssl-nginx.conf;
    ssl_dhparam /etc/letsencrypt/ssl-dhparams.pem;
    add_header Strict-Transport-Security "max-age=31536000" always;
    ssl_trusted_certificate /etc/letsencrypt/live/DOMAIN_NAME/chain.pem;
    ssl_stapling on;
    ssl_stapling_verify on;

    # Security / XSS Mitigation Headers
    # NOTE: X-Frame-Options may cause issues with the webOS app
    add_header X-Frame-Options "SAMEORIGIN";
```

```
add_header X-XSS-Protection "0"; # Do NOT enable. This is obsolete/dangerous
add_header X-Content-Type-Options "nosniff";

# COOP/COEP. Disable if you use external plugins/images/assets
add_header Cross-Origin-Opener-Policy "same-origin" always;
add_header Cross-Origin-Embedder-Policy "require-corp" always;
add_header Cross-Origin-Resource-Policy "same-origin" always;

# Permissions policy. May cause issues on some clients
add_header Permissions-Policy "accelerometer=(), ambient-light-sensor=(), battery=(),
bluetooth=(), camera=(), clipboard-read=(), display-capture=(), document-domain=(), encrypted-
media=(), gamepad=(), geolocation=(), gyroscope=(), hid=(), idle-detection=(), interest-
cohort=(), keyboard-map=(), local-fonts=(), magnetometer=(), microphone=(), payment=(),
publickey-credentials-get=(), serial=(), sync-xhr=(), usb=(), xr-spatial-tracking=()"
always;

# Tell browsers to use per-origin process isolation
add_header Origin-Agent-Cluster "?1" always;

# Content Security Policy
# See: https://developer.mozilla.org/en-US/docs/Web/HTTP/CSP
# Enforces https content and restricts JS/CSS to origin
# External Javascript (such as cast_sender.js for Chromecast) must be
whitelisted.
# NOTE: The default CSP headers may cause issues with the webOS app
#add_header Content-Security-Policy "default-src https: data: blob:
http://image.tmdb.org; style-src 'self' 'unsafe-inline'; script-src 'self' 'unsafe-inline'
https://www.gstatic.com https://www.youtube.com blob:; worker-src 'self' blob:; connect-src
'self'; object-src 'none'; frame-ancestors 'self'";

location = / {
    return 302 http://$host/web/;
    #return 302 https://$host/web/;
}

location / {
    # Proxy main Emby traffic
    proxy_pass http://$emby:8096;
    proxy_set_header Host $host;
```

```

    proxy_set_header X-Real-IP $remote_addr;
    proxy_set_header X-Forwarded-For $proxy_add_x_forwarded_for;
    proxy_set_header X-Forwarded-Proto $scheme;
    proxy_set_header X-Forwarded-Protocol $scheme;
    proxy_set_header X-Forwarded-Host $http_host;

    # Disable buffering when the nginx proxy gets very resource heavy upon
streaming
    proxy_buffering off;
}

# location block for /web - This is purely for aesthetics so /web/#!/ works instead
of having to go to /web/index.html/#!/
location = /web/ {
    # Proxy main Emby traffic
    proxy_pass http://$emby:8096/web/index.html;
    proxy_set_header Host $host;
    proxy_set_header X-Real-IP $remote_addr;
    proxy_set_header X-Forwarded-For $proxy_add_x_forwarded_for;
    proxy_set_header X-Forwarded-Proto $scheme;
    proxy_set_header X-Forwarded-Protocol $scheme;
    proxy_set_header X-Forwarded-Host $http_host;
}

location /socket {
    # Proxy Emby Websockets traffic
    proxy_pass http://$emby:8096;
    proxy_http_version 1.1;
    proxy_set_header Upgrade $http_upgrade;
    proxy_set_header Connection "upgrade";
    proxy_set_header Host $host;
    proxy_set_header X-Real-IP $remote_addr;
    proxy_set_header X-Forwarded-For $proxy_add_x_forwarded_for;
    proxy_set_header X-Forwarded-Proto $scheme;
    proxy_set_header X-Forwarded-Protocol $scheme;
    proxy_set_header X-Forwarded-Host $http_host;
}
}

```

## Restarting nginx

```
sudo service nginx restart
```

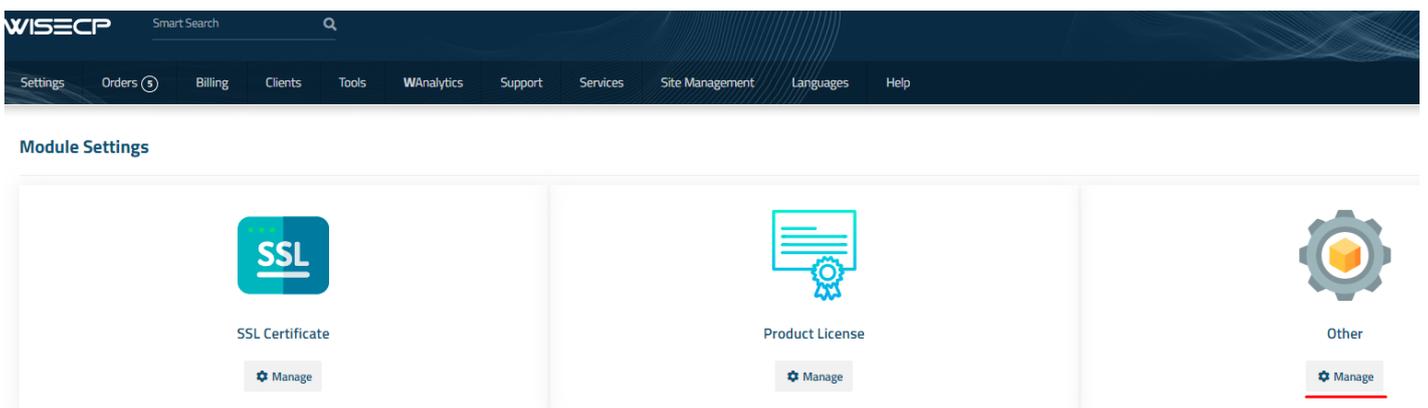
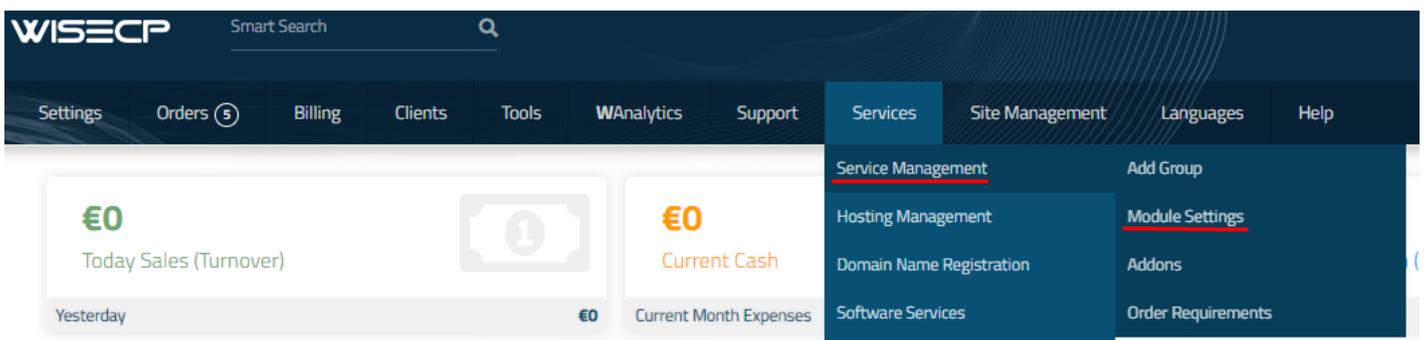
# Add server (Emby server)

## Emby Family module **WISECP**

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1. Log in to the administrative area of your **WISECP**.
2. Go to module configuration.

Services -> Service Management -> Module Settings -> Other -> All Modules -> PUQ Emby Family



Other

Initial Settings All Modules

Search Within Modules

Write something...

PUQ Digital Product	PUQ Emby Family	PUQ Emby	PUQ Jellyfin	PUQ Mikrotik WireGuard Business-VPN
PUQ Mikrotik WireGuard VPN	PUQ MiniIO S3	PUQ Nextcloud	PUQ Nextcloud	PUQ ownCloud
PUQ Proxmox KVM	PUQ WireGuard Business-VPN	PUQ WireGuard VPN		

3. In the opened page, click the 'Add Server' button.

Initial Settings All Modules

PUQ Emby Family

License key: [Redacted] 2024-08-02T13:49:53+02:00 [Check and Save](#)

Version: 1.0 [Web Site](#) [Documentation](#) [Changelog](#)

[+ Add New Server](#) [Server Groups](#)

4. On the opened page, enter all the necessary information:

- **Name:** Displayed name of the server.
- **Maximum Number of Accounts:** The number of services that can be on this server.
- **Server Group:** Optionally, choose the server group.
- **IP Address or Domain:** The address of the Emby server you are connecting to.
- **Username:** is the username for the account on [Emby](#).
- **Password:** is the password for the account on [Emby](#).
- **Access Hash:** API key that you created in the previous step on the Emby server.
- Check the **SSL** box if you want to use SSL-encrypted connection. If necessary, specify the port and perform a connection test.

## Add New Server

Name	emby-test.uuq.pl
Maximum Number of Accounts	100
Server Group	Default <span>▼</span>
Default	<input type="checkbox"/> Set as default server in group
IP Address or Domain	emby-test.uuq.pl
Username	admin
Password	<div style="background-color: #4CAF50; color: white; padding: 2px; display: flex; align-items: center; justify-content: space-between;"><span>✓ Connection test Successful</span><span>✕</span></div> cf <span style="background-color: red; color: black; padding: 0 2px;">XXXXXXXXXX</span> 04
Access Hash	<hr style="border: 0; border-top: 1px solid #ccc; margin: 0;"/> <div style="text-align: right;"><small>↗</small></div>
SSL	<input checked="" type="checkbox"/> Connect using SSL
Port	443 <input type="checkbox"/> Change standard port
Test Connection	<input type="button" value="Test Connection"/>

Add New Server

# Service configuration

## Emby Family module **WISECP**

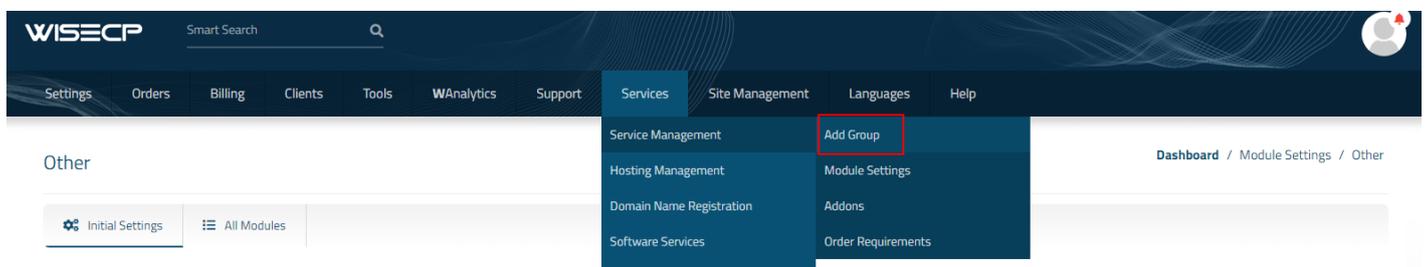
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If you do not have a **Service Group** where you want to place the new service, you need to create a new **Service Group**

1. Log in to the admin area of your **WISECP**.
2. Create New Service Group

Go to

Services -> Service Management -> Add Group



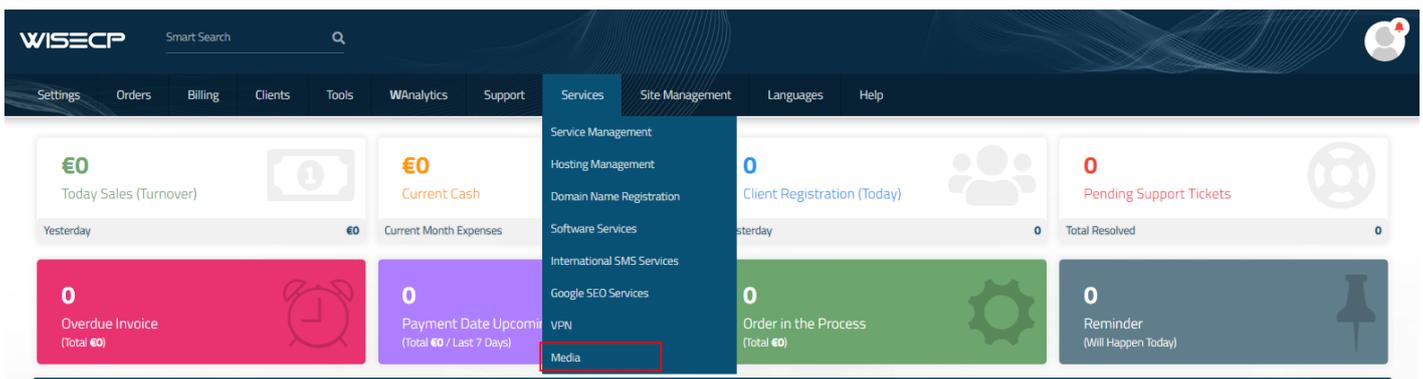
Enter all the necessary data and click the **'Create Group'** button.

The screenshot shows the 'Create New Service Group' page in the WISECP system. At the top, there is a navigation bar with the WISECP logo, a search bar, and various menu items: Settings, Orders, Billing, Clients, Tools, WAnalytics, Support, Services, Site Management, Languages, and Help. The page title is 'Create New Service Group' and the breadcrumb is 'Dashboard / Create New Service Group'. A green banner at the top of the form area says: 'Create a new service group, you can also create new categories and manage the existing one from here.' Below this is a language selection bar with options: EN, UK, RU, RO, PT, PL, NL, LV, KA, IT, ID, HU, FR, FA, ES, EL, DE, CS, BS, AR. The form fields are: 'Title' (Media), 'Short Detail' (Short Group Description), 'Listing Template' (Box List selected, Horizontal List unselected), 'Status' (Enable), 'Background Image' (optional), 'Group Colour' (#FFFFFF), 'Order Upgrades' (checkbox for 'Allow clients to upgrade to higher package in the same service group'), and 'External HTML Code' (Paste your HTML code to this field (Optional)). A note at the bottom states: 'You can optionally add external HTML code and customize it. There should not be any incorrect or incomplete HTML codes, otherwise page structure will be empty.'

### 3. Adding a New Service

Go to

Services -> our service group where you need to add the new service.



In the opened window, click the **'Create New Service'** button.

On the opened page, enter all the necessary details for your new service and navigate to the 'Core' tab.

Select the 'PUQ Emby Family' module from the drop-down list of modules.

4. Fill in the configuration options according to your preferences.

Libraries:

- **Use All Libraries:** Choosing all of libraries from your Jellyfin server
- **Libraries:** The libraries you want to make available to customers of this product. **(IMPORTANT! Start a new line for each new library)**

Example:

"Movies  
Beginner`s Programming Course  
Comedy"

**IMPORTANT!**

If you have a folder named "-", please enter it not as the first one or rename it.  
If you don't want any folder to be accessible, type "-".

## User Configuration:

- **Streaming bitrate limit:** An optional per-stream bitrate limit for all out of network devices. This is useful to prevent devices from requesting a higher bitrate than your internet connection can handle. This may result in increased CPU load on your server in order to transcode videos on the fly to a lower bitrate.
- **Remote control:** Remote control of shared devices (DLNA devices are considered shared until a user begins controlling them)
- **Media downloads:** Users can download media and store it on their devices. This is not the same as a sync feature. Book libraries require this enabled to function properly.
- **Username prefix/Username suffix:** Necessary in order to generate a username for the service, in the format: **prefix<client\_id>-<service\_id>suffix**

Allow playback (Restricting access to transcoding may cause playback failures in clients due to unsupported media formats)

- **media**
- **audio that requires transcoding**
- **video that requires transcoding**
- **video that requires conversion without re-encoding**

## Feature access:

- **Allow Live TV access**
- **Allow Live TV recording management**
- **Force transcoding of remote media sources such as Live TV**

## Media Accounts Configuration

- **Count of media accounts:** Available number of media accounts for creation by user.

## Links

- **Link to instruction:** Link to the instruction, if filled out, it will be reflected in the client

area

# Add new library/item in Emby

Emby Family module **WISECP**

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## New library:

To create a new library, you should to **create a folder** in your Emby server.

First, navigate to the root of your project "/" and enter the following commands:

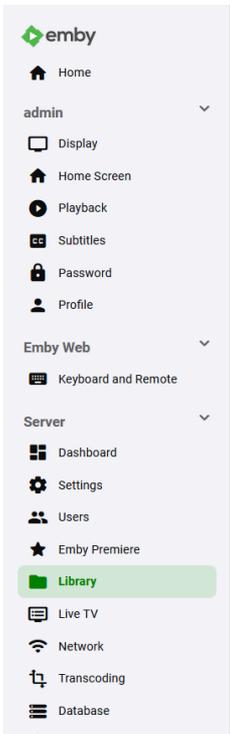
```
cd mnt
```

```
mkdir LIBRARY_NAME
```

**LIBRARY\_NAME** - The name of the new library.

After creating a folder, let's create a library in Emby:

Add a new library:



← Library ?

Get Emby Premiere    

Libraries Advanced

0 Libraries + New Library Scan Library Files

Assign the appropriate folder to this library:

Show advanced settings

Content type:

Movies 

Review the [Emby movie naming guide](#).

Display name:

Movies

**Folders** 

### Library Settings

Preferred metadata download language:



Country:



Preferred image download language:



Okay

## ← Select Path

Network paths can be entered manually in the event the Network button fails to locate your devices. For example, `\\server` or `\\192.168.1.101`.

For Linux on Arch Linux, CentOS, Debian, Fedora, OpenSuse, or Ubuntu, you must grant the Emby system user at least read access to your storage locations.

Folder:



(Optional) Shared network folder:

If this folder is shared on your network, supplying the network share path can allow Emby apps on other devices to access media files directly.

Okay

## New item:

To download a new item, navigate to the root of your project "/" and enter the following commands:

```
cd mnt/LIBRARY_NAME
```

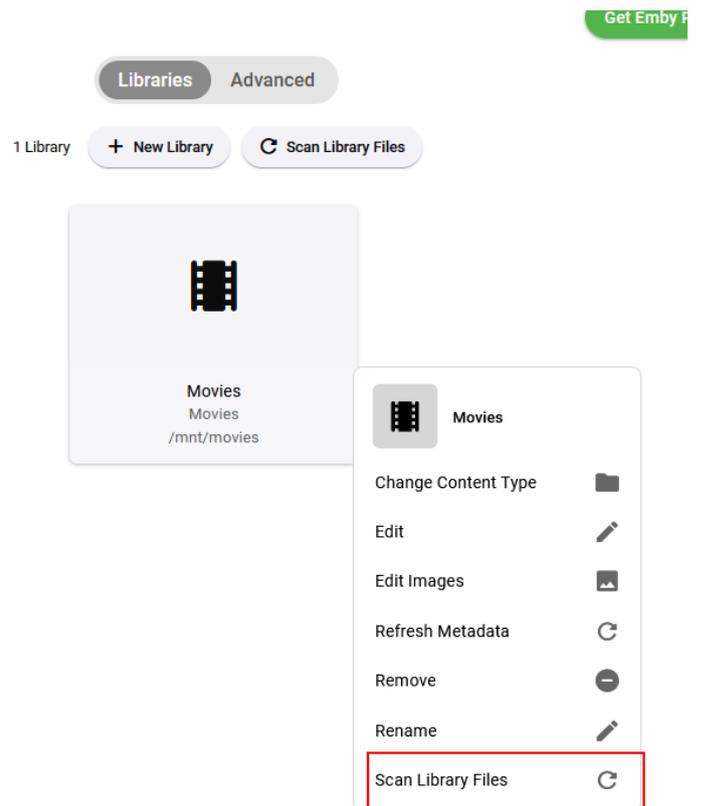
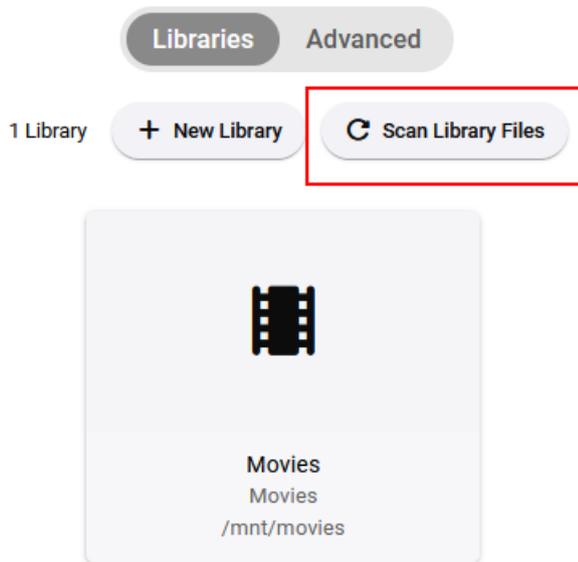
```
wget DOWNLOAD_ITEM_URL
```

**LIBRARY\_NAME** - The name of the library.

**DOWNLOAD\_ITEM\_URL** - The download URL of the item you want to upload to the server.

## After all

Scan all libraries by clicking on the "Scan All Libraries" button, or by clicking on the three dots and selecting "Scan Library Files".



# Getting Access Hash (API key)

Emby Family module **WISECP**

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Dashboard -> API Keys

## Create a new API Key

The screenshot shows the Emby web interface for managing API keys. On the left is a sidebar menu with categories: Network, Transcoding, Database, Conversions, Cinema Intros, Open Subtitles, Webhooks, Devices (with a dropdown arrow), and Advanced (with a dropdown arrow). Under 'Devices', there are items for Devices, Downloads, Camera Upload, and DLNA. Under 'Advanced', there are items for Logs, Notifications, Plugins, Scheduled Tasks, API Keys (highlighted in green), and Metadata Manager. The main content area is titled 'API Keys' with a back arrow. In the top right corner, there is a green button 'Get Emby Premiere' and icons for search, user profile, and settings. Below the title, it says '0 items' and '+ New API Key'. At the bottom, it says 'No items found.'

Write an App Name

← New API Key

App name

Example: Sickbeard, NzbDrone

Okay

## Now you can getting an API key

← API Keys

Get Emby Premiere



3 Items

+ New API Key



cf[REDACTED]04 - wisecp  
21/11/2023, 09:20:16

