

# Jellyfin WHMCS module

This module enables your company to offer public media services to customers through Jellyfin accounts. It facilitates the creation of customer accounts on a pre-configured Jellyfin server, allowing for the sale of various media packages at different prices. The module requires a pre-installed Jellyfin server and uses the Jellyfin API for client account management. It also supports multiple languages. Administrators can suspend, terminate, or unsuspend users, change user passwords, and more, while clients can manage their devices and libraries.

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# Description

## Jellyfin module **WHMCS**

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Thanks to the module, the company is able to offer public media services to its customers based on Jellyfin accounts.

The module is used to create customer accounts on the previously prepared Jellyfin server. The module enables You to define multiple public media packages and sell them at different prices. The module creates a customer account according to the selected package. The client can have many independent accounts in the media.

For the correct operation of the module, a pre-prepared Jellyfin installation is required (the module does not assist in the installation of the Jellyfin server and assumes that such installation is ready for operation through API.) Module use Jellyfin API to manage clients account.

We have prepared a detailed installation manual for the module, including all the steps needed to implement the module, including the preparation of the Jellyfin server, including all installation steps such as PHP, Jellyfin, SSL certificates etc.

## Functions:

- Auto create and deploy client account
- The module uses only the API to manage the accounts
- Module supports multilingualism (**Arabic, Azerbaijani, Catalan, Chinese, Croatian, Czech, Danish, Dutch, English, Estonian, Farsi, French, German, Hebrew, Hungarian, Italian, Macedonian, Norwegian, Polish, Romanian, Spanish, Swedish, Turkish, Ukrainian**)
- The module shows all user info: enabled user libraries, active devices etc.
- Link to instructions for setting up the service in the client area.

# Available options in the admin panel:

- Create users
- Suspend users
- Terminate users
- Unsuspend users
- Change users password
- Change Package
- Drop all devices
- Unblock user
- API connection status
- List of active devices
- List of enabled user libraries

# Available options in the client panel:


- List of active devices
- List of enabled user libraries
- Drop all devices
- Unblock user
- Change the Jellyfin user password

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WHMCS minimal version: 8 +

Jellyfin minimal version: 10+

- ★ Overview ^
- i Information
- 🔧 Actions ^
- 🔑 Change Password
- ⚙️ Drop All Devices
- 🔓 Unblock
- 🕒 Request Cancellation



Jellyfin  
Jellyfin

ACTIVE

🕒 Request Cancellation

Registration Date  
Monday, July 8th, 2024


Recurring Amount  
1.00 EUR

Billing Cycle  
Monthly

Next Due Date  
Thursday, August 8th, 2024


Payment Method  
PayPal

🌐 Manage

 User manual

 Web interface

👤 Username: 7-5220 

🔒 Password: B..rw46h61oFA.L 

👤 Status: Enable

📺 Libraries: 

Movies Playlists

✖ Failed Login Attempt: 0/3

👥 Active Sessions: 0/3

👤 Active Devices: 1

Device Name	App Name	Last Activity
Chrome	Jellyfin Web	2024-07-09T10:48:34.903698Z

👤 Streaming bitrate limit: 60 Mbps

🔄 Sync Play Access: Allow to create and join groups

Summary

Profile

Users

Contacts

Products/Services

Domains

Billable Items

Invoices

Quotes

Transactions

Tickets

Emails

Notes (0)

Log

Jellyfin

Go

+ New Addon

More

Order # 678 - View Order

Product/ServiceJellyfin

Serverjellyfin-test.uuq.pl (2/200 Accounts)

Domain

Dedicated IP

Usernamejelly-7-5026-fin

PasswordU8::wih98tKij6

StatusActive

Registration Date2023/11/02

Quantity1

First Payment Amount1.00

Recurring Amount1.00

Recalculate on Save

No

Next Due Date2023/12/02

Termination Date

Billing CycleMonthly

Payment MethodBank Transfer

Promotion CodeNone

Create

Suspend

Unsuspend

Terminate

Change Package

Change Password

Drop All Devices

Unblock

API Connection status

API answer OK

User

Username: jelly-7-5026-fin Is Disabled : NO

Libraries

Movies

Info

Streaming bitrate limit	Active Devices	Failed Login Attempt	Sync Play Access
50 Mbps	1/10	0/3	Allow user to create and join groups

Active Devices

Device Name	App Name	Last Activity
Chrome	Jellyfin Web	2023-11-02T13:03:05.448149Z

# Changelog

## Jellyfin module **WHMCS**

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### v2.0.1 Released 19-12-2024

1. Added validation check in the hook related to the Client Area Primary Sidebar.
- 

### v2.0 Released 24-09-2024

**Module is coded ionCube v13**

Supported php version:

- php 7.4 WHMCS 8.11.0 -
  - php 8.1 WHMCS 8.11.0 +
  - php 8.2 WHMCS 8.11.0 +
- 

### v1.5.1 Released 13-08-2024

1. Fixed bug with password, when "Show password" is "no"
- 

### v1.5 Released 12-07-2023

1. Client area more adapted for mobile version
  2. Buttons for copying login and password have been added to the client area
- 

### v1.4 Released 18-12-2023

Client Area Enhancements:

1. Added the ability to disable the display of service passwords by default.
2. Introduced a "Show" button for displaying service passwords in the Client Area.

3. Provided options to display service passwords in plain text.

You should save the 'Module Setting' in your products for the module to function correctly.

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## v1.3 Released 18-12-2023

1. Fix some bugs
2. Fixed a bug on the client area related to displaying the session count
3. Support **Jellyfin 10.8.13**

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## v1.2 Released 17-11-2023

1. Fixed bug with incorrect libraries selection functionality, CRITICAL
2. Fix some bugs in the change password feature.
3. New "**Use All Libraries**" checkbox in Module Setting page.
4. Some change in Client Area.
5. Optimized

You should reconfigure the 'Module Setting' in your product for the module to function correctly. Additionally, it's recommended to select 'Change Package' in the customer product settings."

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## v1.1 Released 09-11-2023

1. Library functionality has been modified. Now, when configuring the module, entering "-" signifies "No libraries selected," while leaving the field empty indicates "Select all libraries."
2. Some bugs have been fixed.

---

## v1.0 Released 03-11-2023

First version

# Installation and configuration guide



# WHMCS

## setup(install/update)

Jellyfin module **WHMCS**

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**Module is coded ionCube v13**

Supported php version:

- php 7.4 WHMCS 8.11.0 -
- php 8.1 WHMCS 8.11.0 +
- php 8.2 WHMCS 8.11.0 +

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

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

PHP 8.2

```
wget http://download.puqcloud.com/WHMCS/servers/PUQ_WHMCS-Jellyfin/php82/PUQ_WHMCS-Jellyfin-latest.zip
```

PHP 8.1

```
wget http://download.puqcloud.com/WHMCS/servers/PUQ_WHMCS-Jellyfin/php81/PUQ_WHMCS-Jellyfin-latest.zip
```

PHP 7.4

```
wget http://download.puqcloud.com/WHMCS/servers/PUQ_WHMCS-Jellyfin/php74/PUQ_WHMCS-Jellyfin-
```

```
latest.zip
```

All versions are available via link:

[http://download.puqcloud.com/WHMCS/servers/PUQ\\_WHMCS-Jellyfin/](http://download.puqcloud.com/WHMCS/servers/PUQ_WHMCS-Jellyfin/)

## 2. Unzip the archive with the module.

```
unzip PUQ_WHMCS-Jellyfin-latest.zip
```

## 3. Copy and Replace "puqJellyfin" to "WHMCS\_WEB\_DIR/modules/servers/"

# Setup guide: Jellyfin setup

## Jellyfin module **WHMCS**

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### 1. Install Jellyfin 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 Jellyfin. All you need to do is run this command on your system

```
wget -O- https://repo.jellyfin.org/install-debuntu.sh | sudo bash
```

### 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 jellyfin.conf.

```
cd /etc/nginx/conf.d/  
nano jellyfin.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 301 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 $jellyfin 127.0.0.1`)
    set $jellyfin 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 Jellyfin traffic
    proxy_pass http://$jellyfin: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 Jellyfin traffic
    proxy_pass http://$jellyfin: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 Jellyfin Websockets traffic
    proxy_pass http://$jellyfin: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
```



# Setup guide: WHMCS setup

## Jellyfin module **WHMCS**

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

PHP 8.1

```
wget http://download.puqcloud.com/WHMCS/servers/PUQ_WHMCS-Jellyfin/PUQ_WHMCS-Jellyfin-latest.zip
```

PHP 7.4

```
wget http://download.puqcloud.com/WHMCS/servers/PUQ_WHMCS-Jellyfin/php74/PUQ_WHMCS-Jellyfin-latest.zip
```

All versions are available via link:

[http://download.puqcloud.com/WHMCS/servers/PUQ\\_WHMCS-Jellyfin/](http://download.puqcloud.com/WHMCS/servers/PUQ_WHMCS-Jellyfin/)

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

```
unzip PUQ_WHMCS-Jellyfin-latest.zip
```

### 3. Copy "puqJellyfin" to "WHMCS\_WEB\_DIR/modules/servers/"

### 4. Create new server Jellyfin in WHMCS (System Settings->Products/Services->Servers)

System Settings->Servers->Add New Server

- Enter the correct **Name** and **Hostname**



Name	<input type="text" value="jellyfin [REDACTED]"/>
Hostname	<input type="text" value="jellyfin [REDACTED]"/>
IP Address	<input type="text"/>
Assigned IP Addresses (One per line)	<div></div>
Monthly Cost	<input type="text"/>
Datacenter/NOC	<input type="text"/>
Maximum No. of Accounts	<input type="text" value="200"/>
Server Status Address	<div><input type="text"/> To display this server on the server status page, enter the full path to the folder (required to be uploaded to each server you want to monitor) - e.g. <a href="https://www.example.com/status/">https://www.example.com/status/</a></div>
Enable/Disable	<input type="checkbox"/> Check to disable this server

- In the **Server Details** section, select the "**PUQ Jellyfin**" module and enter the correct **username**, **password** and **access hash (API key)** for the **Jellyfin web interface**.
- To check, click the "**Test connection**" button

Module	<div>PUQ Jellyfin</div> <div>Test Connection</div> <div>✓ Connection successful. Some values have been auto-filled.</div>
Username	admin
Password	.....
Access Hash	4 [REDACTED] C
Secure	<input checked="" type="checkbox"/> Check to use SSL Mode for Connections
Port	<div>443</div> <div><input type="checkbox"/> Override with Custom Port</div>

Save Changes

Cancel Changes

## 5. Create a new Products/Services

System Settings->Products/Services->Create a New Product

In the **Module settings** section, select the **"PUQ Jellyfin"** module

Edit Product

<div>Details Pricing Module Settings Custom Fields Configurable Options Upgrades Free Domain Cross-sells Other Links</div>	
<div>Module Name</div> <div>PUQ Jellyfin</div>	
<div>Server Group</div> <div>jellyfin-test.uuq.pl</div>	
<div>License key</div> <div>XBN2YS-XXCXB-8LHPGS-CJTV5-SMSJ2P</div> <div>success: 2025-07-08T16:03:33+02:00</div>	
Libraries Configuration	<div>Use All Libraries: <input type="checkbox"/> select all libraries together</div> <div> <div>Playlists</div> <div>Movies</div> </div> <div>Write down the libraries you want to make available to customers of this product. (IMPORTANT! Start a new line for each new library)</div> <div>Example:</div> <div>"Movies</div> <div>Beginner's Programming Course</div> <div>Comedy"</div> <div>IMPORTANT!</div> <div>If you have a folder named "-", please enter it not as the first one or rename it.</div> <div>If you don't want any folder to be accessible, type "-".</div>
Allow playback	<div>media: <input type="checkbox"/></div> <div>audio that requires transcoding: <input checked="" type="checkbox"/></div> <div>video that requires transcoding: <input type="checkbox"/></div> <div>video that requires conversion without re-encoding: <input type="checkbox"/></div>
Links	<div>Instruction: <div>https://doc.puq.info/books/jellyfin-whmcs-r</div></div> <div>A link to the instruction will be reflected in the client area.</div>
User Configuration	<div>Streaming bitrate limit: <div>60</div></div> <div>Mbps. Please provide number from 1 to 60</div> <div>SyncPlay access: <div>Allow user to create and join groups</div> Sync playback with other devices</div> <div>Remote control: <input type="checkbox"/> Remote control of shared devices (DLNA devices are considered shared until a user begins controlling them)</div> <div>Media downloads: <input checked="" type="checkbox"/> 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.</div> <div>User sessions: <div>3</div> A value of 0 will disable the feature.</div> <div>Failed login attempts: <div>3</div> before user is locked out. Setting this to -1 will disable the feature.</div> <div>Username prefix: <div>jelly-</div> Will be attached to the beginning of username. Only small letters and numbers and symbol "-"</div> <div>Username suffix: <div>-fin</div> Will be appended to the end of username. Only small letters and numbers and symbol "-"</div>
Feature access	<div>Allow Live TV access: <input type="checkbox"/></div> <div>Allow Live TV recording management: <input checked="" type="checkbox"/></div> <div>Force transcoding of remote media sources such as Live TV: <input type="checkbox"/></div>
Client Area	<div>Show Password: <div>Plain text</div></div> <div>Show service password in the client area</div>

- **License key:** A pre-purchased license key for the "**PUQ Jellyfin**" module. For the module to work correctly, the key must be active

## 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.
- **SyncPlay access:** The SyncPlay feature enables to sync playback with other devices. Select the level of access this user has to the SyncPlay
- **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.
- **User sessions:** Set the maximum number of simultaneous user sessions.  
A value of 0 will disable the feature.
- **Failed login attempts:** Determine how many incorrect login tries can be made before lockout occurs.  
A value of zero means inheriting the default of three tries for normal users and five for administrators. Setting this to -1 will disable the feature.
- **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**

## Links

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

# Add server (Jellyfin server)

## Jellyfin module WHMCS

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Add a new server to the system WHMCS.

System Settings->Servers->Add New Server

- Enter the correct **Name** and **Hostname**

Name	<input type="text" value="jellyfin [REDACTED]"/>
Hostname	<input type="text" value="jellyfin [REDACTED]"/>
IP Address	<input type="text"/>
Assigned IP Addresses (One per line)	<div></div>
Monthly Cost	<input type="text"/>
Datacenter/NOC	<input type="text"/>
Maximum No. of Accounts	<input type="text" value="200"/>
Server Status Address	<div></div> <p>To display this server on the server status page, enter the full path to the folder (required to be uploaded to each server you want to monitor) - e.g. <a href="https://www.example.com/status/">https://www.example.com/status/</a></p>
Enable/Disable	<input type="checkbox"/> Check to disable this server

- In the **Server Details** section, select the "**PUQ Jellyfin**" module and enter the correct **username**, **password** and **access hash (API key)** for the **Jellyfin web interface**
- To check, click the "**Test connection**" button

Module	<div>PUQ Jellyfin</div> <div>Test Connection</div> <div>✓ Connection successful. Some values have been auto-filled.</div>
Username	<div>admin</div>
Password	<div>.....</div>
Access Hash	<div>4.....c</div>
Secure	<div><input checked="" type="checkbox"/> Check to use SSL Mode for Connections</div>
Port	<div><div>443</div><div><input type="checkbox"/> Override with Custom Port</div></div>

Save Changes

Cancel Changes

# Product Configuration

## Jellyfin module **WHMCS**

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### Create a new Products/Services

System Settings->Products/Services->Create a New Product

In the **Module settings** section, select the **"PUQ Jellyfin"** module

Edit Product

Details Pricing Module Settings Custom Fields Configurable Options Upgrades Free Domain Cross-sells Other Links

Module Name: PUQ Jellyfin

Server Group: jellyfin-test.uuq.pl

License key: XBN2Y5-XXCXBC-8LHPG5-QJTV5-SMSJ2P  
success: 2025-07-08T16:03:33+02:00

Use All Libraries: ☐ select all libraries together

Libraries Configuration

Libraries:   
  
Write down 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 "-".

media: ☐  
audio that requires transcoding: ☒  
video that requires transcoding: ☐  
video that requires conversion without re-encoding: ☐

Links:   
Instruction: A link to the instruction will be reflected in the client area.

Streaming bitrate limit: 60  
Mbps. Please provide number from 1 to 60

SyncPlay access:  Sync playback with other devices

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.

User sessions:  A value of 0 will disable the feature.

Failed login attempts:  before user is locked out. Setting this to -1 will disable the feature.

Username prefix:  Will be attached to the beginning of username. Only small letters and numbers and symbol "-"

Username suffix:  Will be appended to the end of username. Only small letters and numbers and symbol "-"

Allow Live TV access: ☐  
Allow Live TV recording management: ☒  
Force transcoding of remote media sources such as Live TV: ☐

Show Password:   
Show service password in the client area

- **License key:** A pre-purchased license key for the **"PUQ Jellyfin"** module. For the module to work correctly, the key must be active

### 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 "-".

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- **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.
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- **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.
- **User sessions:** Set the maximum number of simultaneous user sessions.  
A value of 0 will disable the feature.
- **Failed login attempts:** Determine how many incorrect login tries can be made before lockout occurs.  
A value of zero means inheriting the default of three tries for normal users and five for administrators. Setting this to -1 will disable the feature.
- **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**

## Links

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



area

# Add new library/item in Jellyfin

Jellyfin module **WHMCS**

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## New library:

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

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

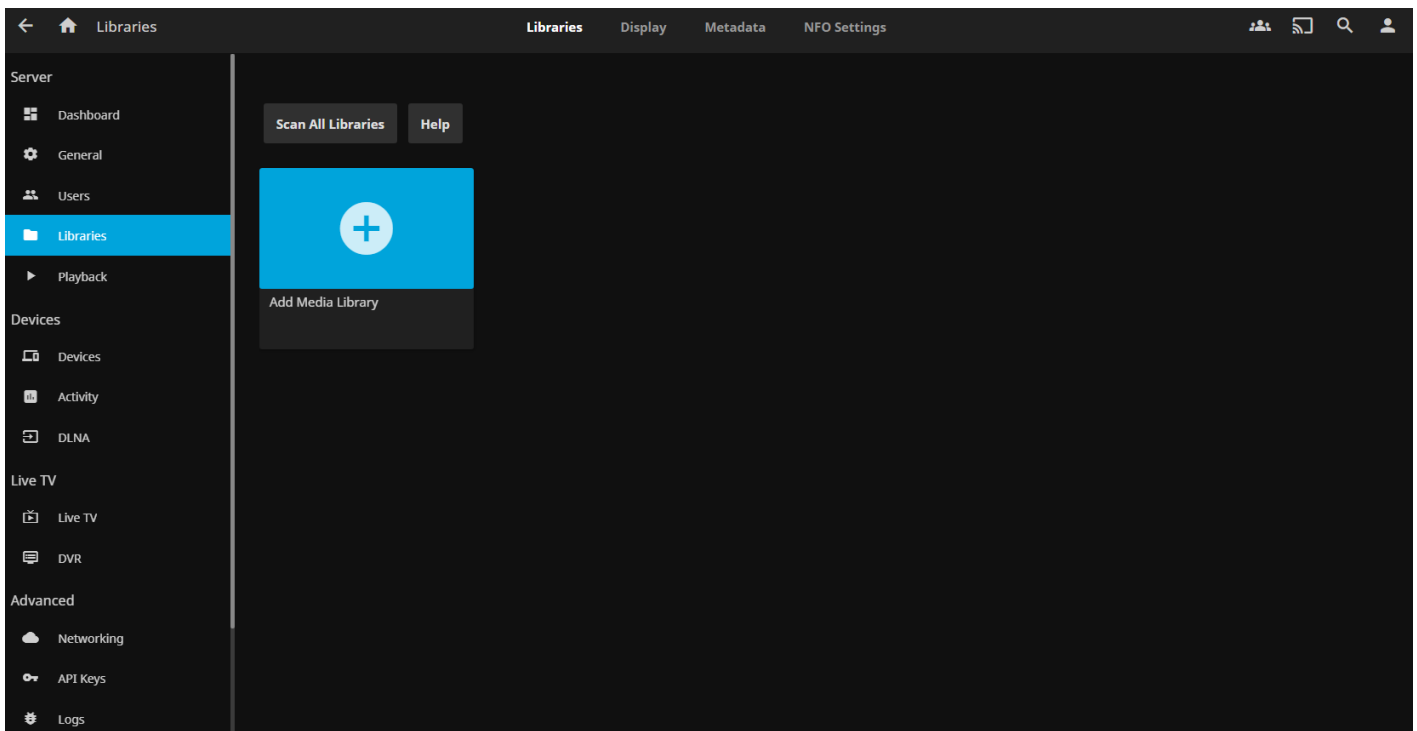
```
cd mnt
```

```
mkdir LIBRARY_NAME
```

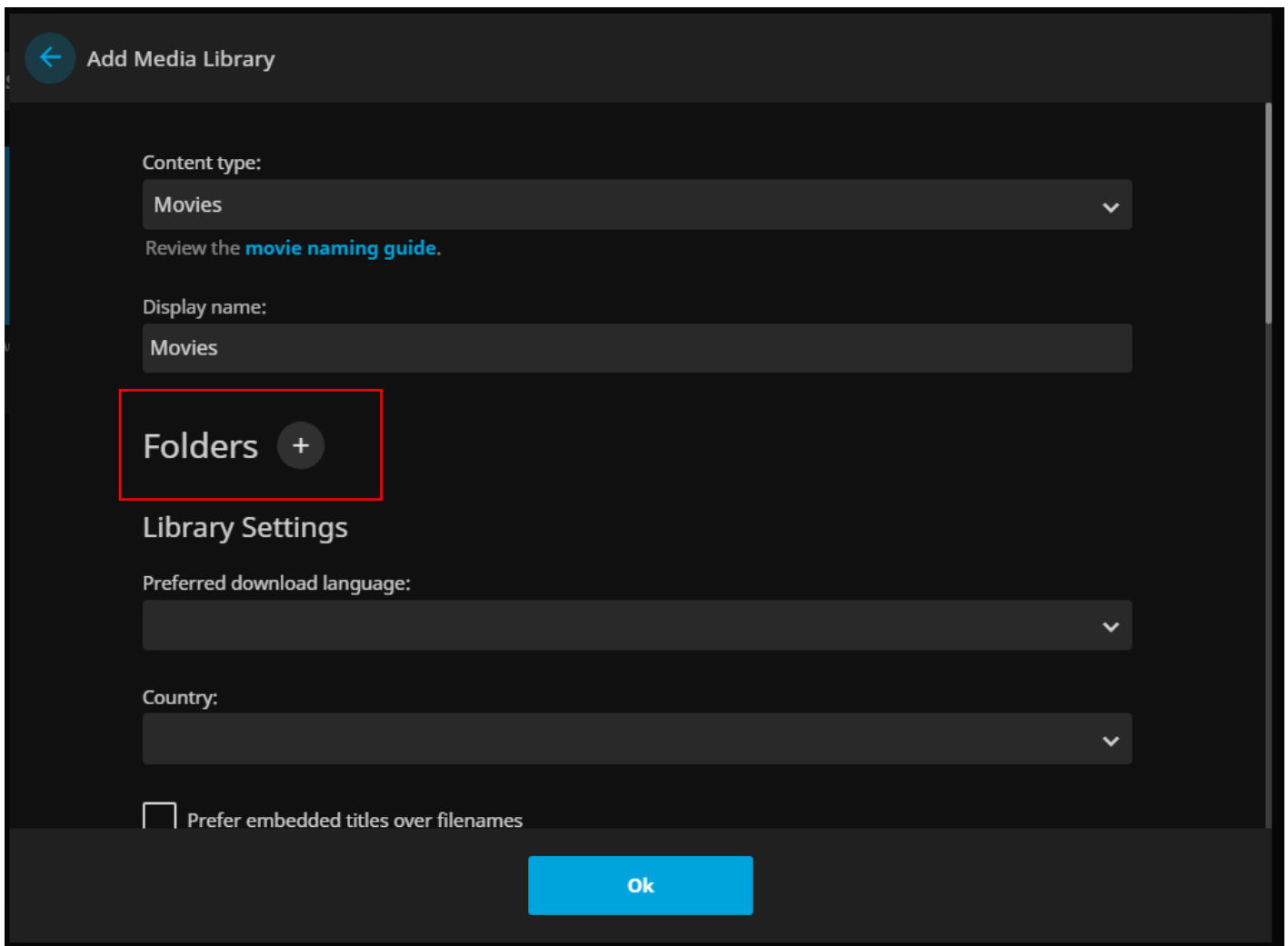
**LIBRARY\_NAME** - The name of the new library.

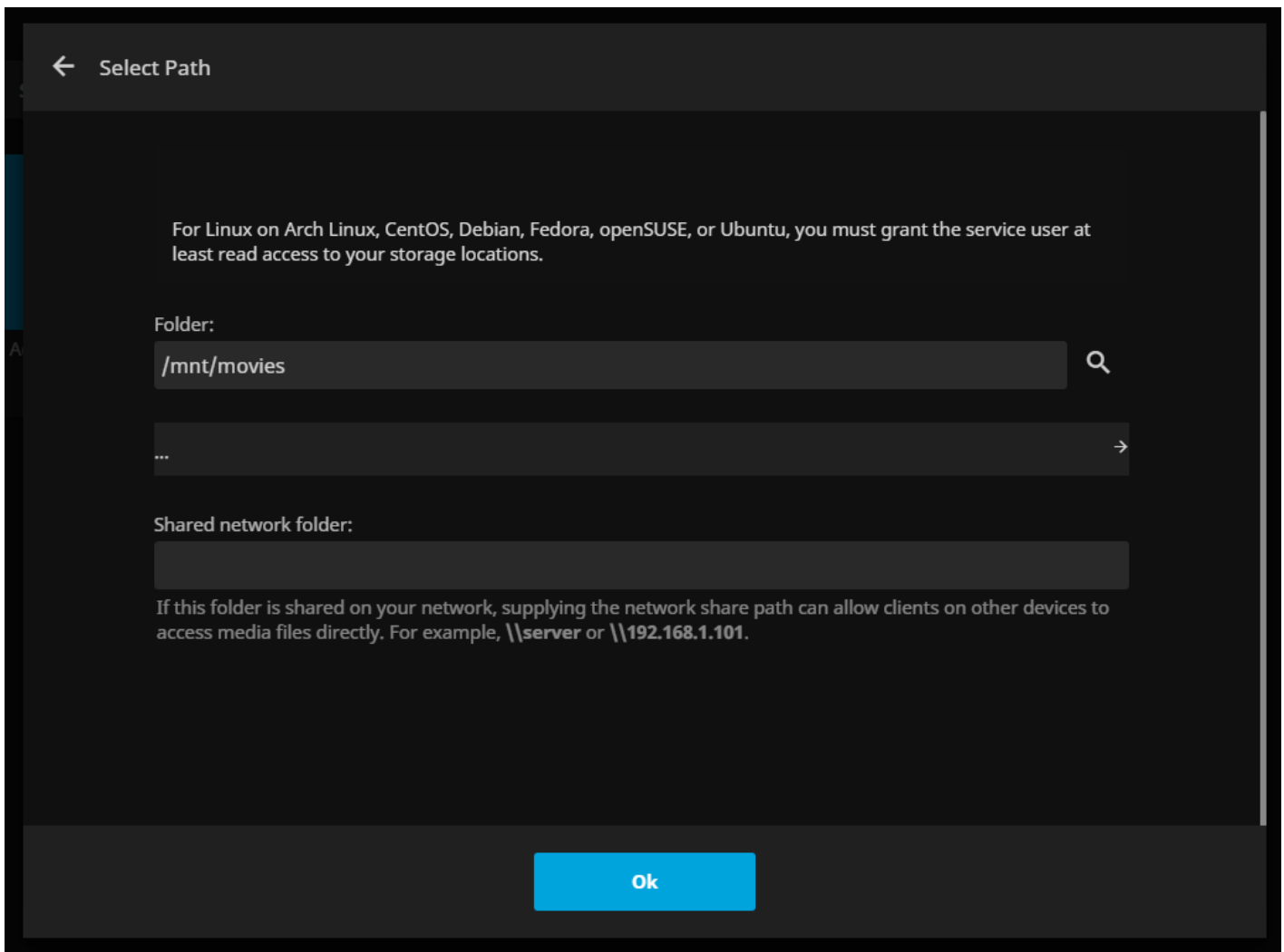
After creating a folder, let's create a library in Jellyfin:

Add a new library:



Assign the appropriate folder to this library:





## New item:

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

```
cd mnt/LIBRARY_NAME
```

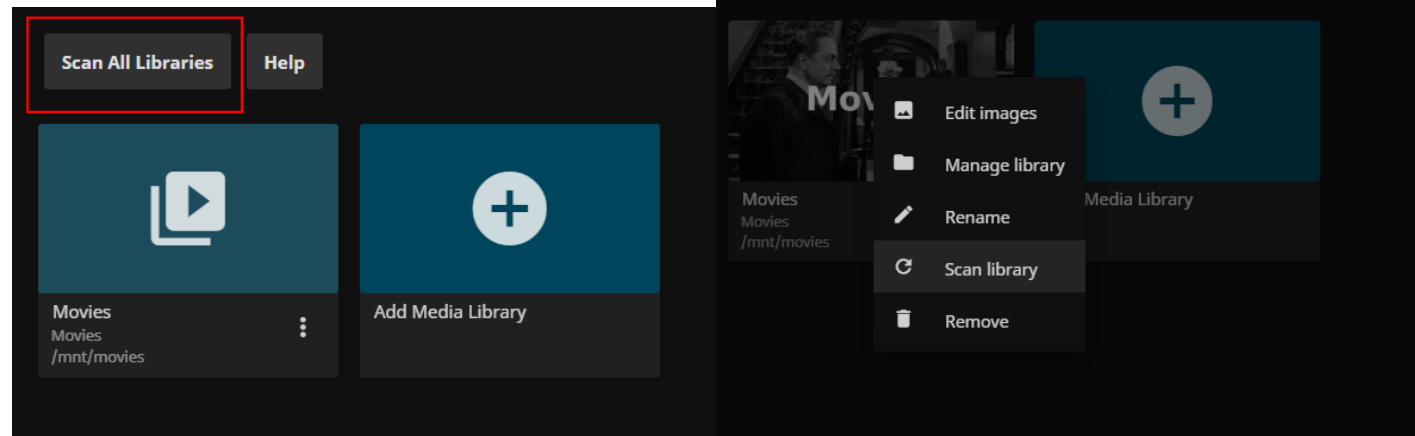
```
wget DOWNLOAD_ITEM_URL
```

**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. To scan a specific library, click on the three dots and select "Scan Library".



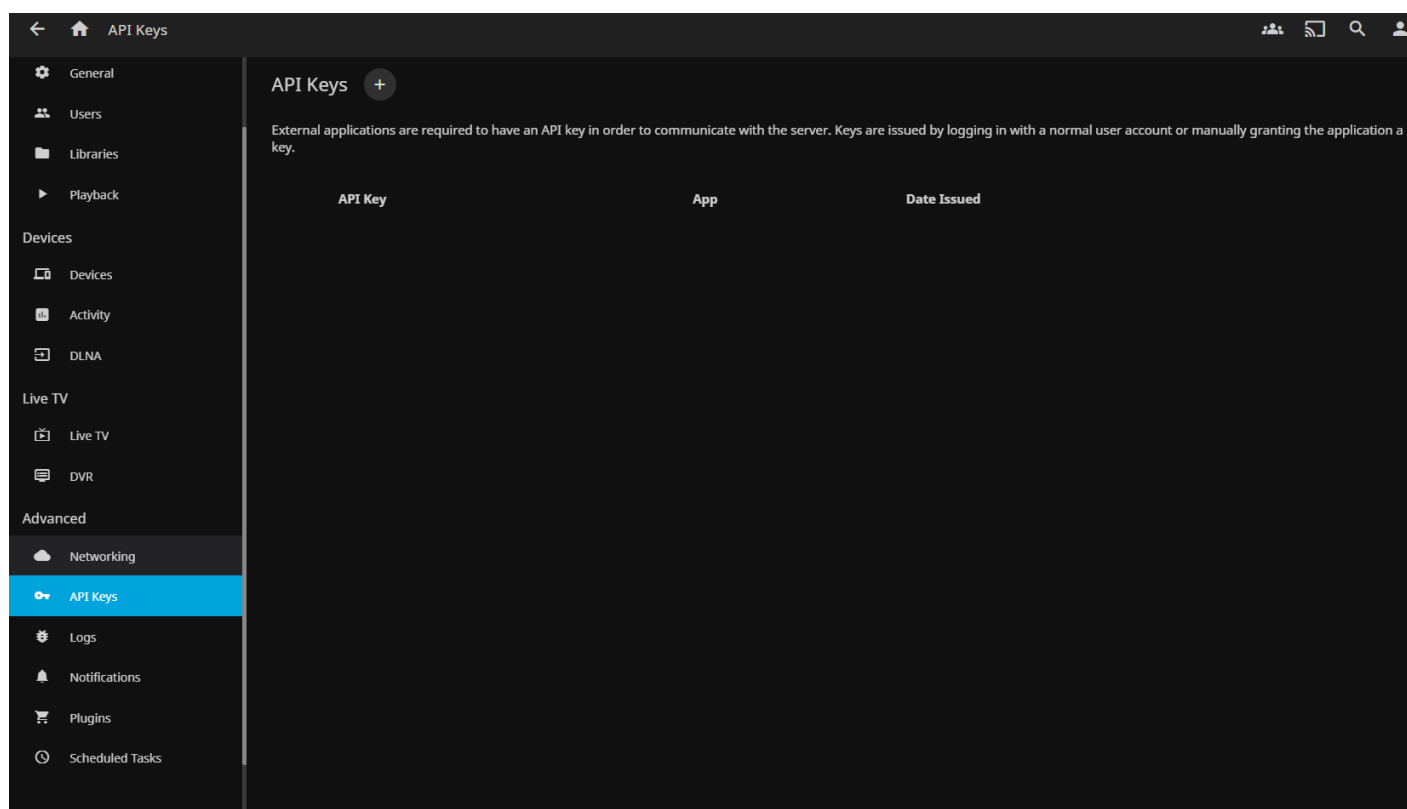
# Getting Access Hash (API key)

Jellyfin module **WHMCS**

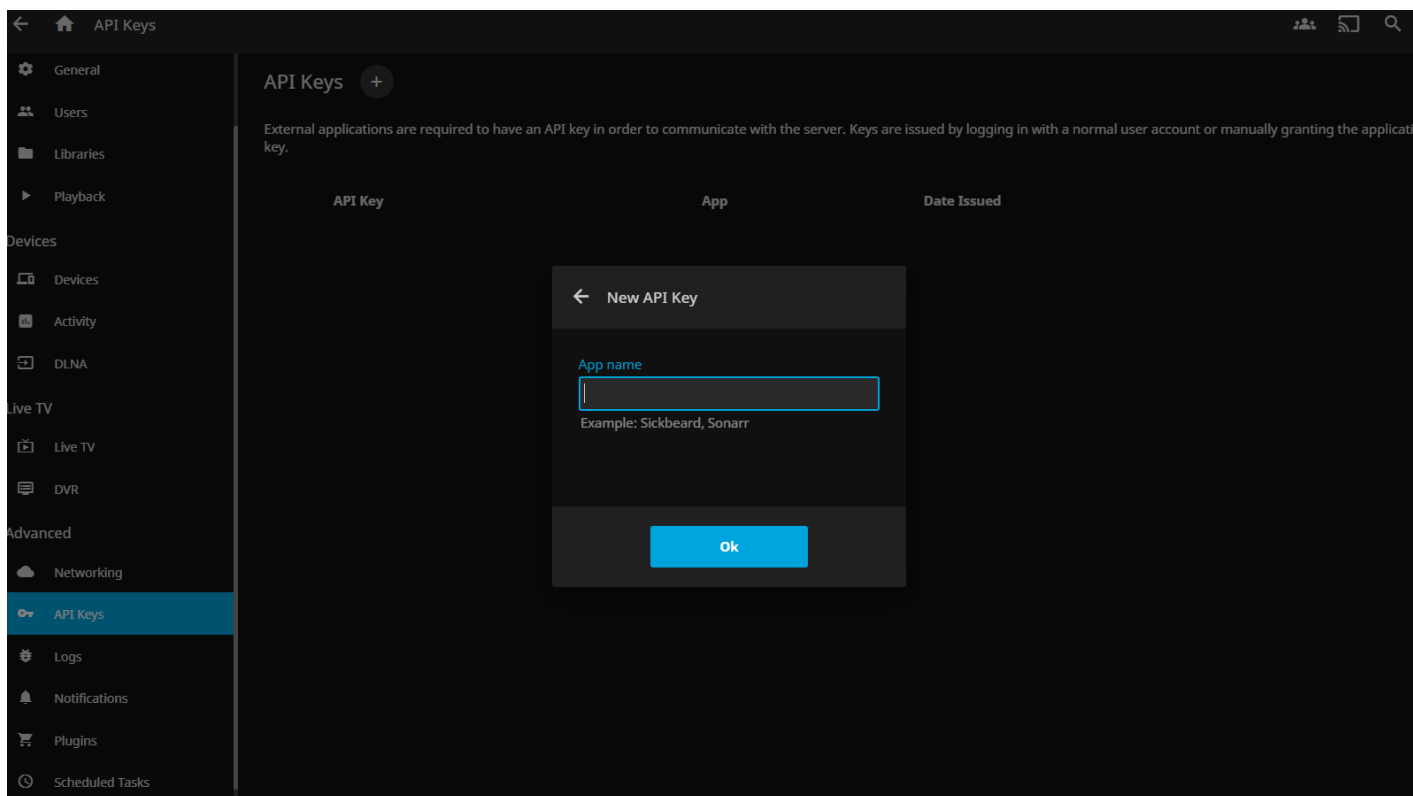
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Dashboard -> API Keys

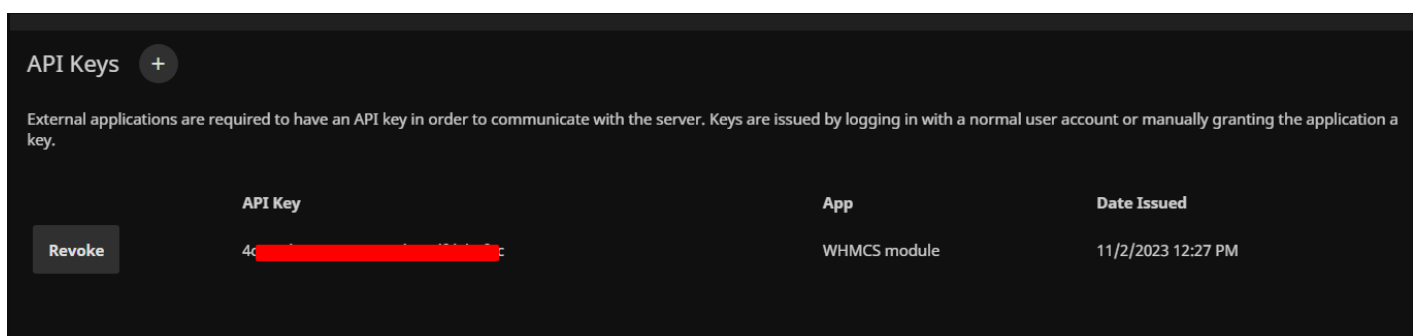
## Create a new API Key



Whrite an App Name



Now you can getting an API key



# Client Area



# Home screen

## Jellyfin module **WHMCS**

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The end customer, after logging in to his own customer panel, has access to the following information and options

- Link to the user manual (which was defined by the administrator when setting up the service.).
- Jellyfin server address
- Authorization data
- User informations
- List of active devices
- List of enabled user libraries
- Drop all devices
- Unblock user
- Change the Jellyfin user password

★ Overview ^

i Information


🔧 Actions ^

🔑 Change Password

⚙️ Drop All Devices

🔓 Unblock

🕒 Request Cancellation



Jellyfin  
Jellyfin

ACTIVE

🕒 Request Cancellation

Registration Date  
Monday, July 8th, 2024

Recurring Amount  
1.00 EUR

Billing Cycle  
Monthly


Next Due Date  
Thursday, August 8th, 2024


Payment Method  
PayPal

🌐 Manage

📘 User manual

🔗 Web interface

👤 Username: 7-5220 

🔒 Password: B..rw46h61oFA.L 

👤 Status: Enable

📺 Libraries: 

Movies Playlists

✖ Failed Login Attempt: 0/3

👥 Active Sessions: 0/3

👤 Active Devices: 1

Device Name	App Name	Last Activity
Chrome	Jellyfin Web	2024-07-09T10:48:34.903698Z

👤 Streaming bitrate limit: 60 Mbps

🔄 Sync Play Access: Allow to create and join groups

Powered by WHMCompleteSolution

# Admin Area

# Product Information

## Jellyfin module WHMCS

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Here is the data presented for the service admin in WHMCS

SummaryProfileUsersContactsProducts/ServicesDomainsBillable ItemsInvoicesQuotesTransactionsTicketsEmailsNotes (0)Log

Jellyfin

Go

+ New AddonMore

Order # 678 - View Order

Product/ServiceJellyfin

Serverjellyfin-test.uuq.pl (2/200 Accounts)

Domain

Dedicated IP

Usernamejelly-7-5026-fin

PasswordU8::wih98tKij6

StatusActive

Module Commands

CreateSuspendUnsuspendTerminateChange PackageChange PasswordDrop All DevicesUnblock

API Connection status

API answer OK

User

Username: jelly-7-5026-fin Is Disabled : NO

Libraries

Movies

Info

Streaming bitrate limit	Active Devices	Failed Login Attempt	Sync Play Access
50 Mbps	1/10	0/3	Allow user to create and join groups

Active Devices

Device Name	App Name	Last Activity
Chrome	Jellyfin Web	2023-11-02T13:03:05.448149Z

Registration Date2023/11/02

Quantity1

First Payment Amount1.00

Recurring Amount1.00

Recalculate on SaveNo

Next Due Date2023/12/02

Termination Date

Billing CycleMonthly

Payment MethodBank Transfer

Promotion CodeNone