

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

WHMCS minimal version: 8 +

Jellyfin minimal version: 10+

★ Overview ^

i Information

🔧 Actions ^

🔑 Change Password

⚙️ Drop All Devices

🔓 Unblock

🛑 Request Cancellation

Dev License: This installation of WHMCS is running under a Development License and is not authorized to be used for production use. Please report any cases of abuse to abuse@whmcs.com



Jellyfin
Jellyfin

ACTIVE

🛑 Request Cancellation

Registration Date

Thursday, November 2nd, 2023

Recurring Amount

1.00 zł

Billing Cycle

Monthly

Next Due Date

Saturday, December 2nd, 2023

Payment Method

Bank Transfer

🌐 Manage

📖 User manual

🌐 Web interface address
<https://jellyfin-test.uuq.pl/>

👤 Username: jelly-7-5026-fin

🔒 Password: U8::wlh98tKij6

📖 Libraries:

🔧 Status: **Enable**

✖ Failed Login Attempt: 0 / 3

📱 Active Devices: 1 / 10

| Device Name | App Name | Last Activity |
|-------------|--------------|------------------------------|
| Chrome | Jellyfin Web | 2023-11-02T13:03:05.4481492Z |

🔒 Streaming bitrate limit: 50 Mbps

👥 Sync Play Access: Allow to create and join groups

Jellyfin

| | | | |
|-----------------------|--|----------------------|--|
| Order # | 678 - View Order | Registration Date | <input type="text" value="2023/11/02"/> |
| Product/Service | <input type="text" value="Jellyfin"/> | Quantity | <input type="text" value="1"/> |
| Server | <input type="text" value="jellyfin-test.uuq.pl (2/200 Accounts)"/> | First Payment Amount | <input type="text" value="1.00"/> |
| Domain | <input type="text"/> | Recurring Amount | <input type="text" value="1.00"/> <input type="checkbox"/> Recalculate on Save <input type="checkbox"/> No |
| Dedicated IP | <input type="text"/> | Next Due Date | <input type="text" value="2023/12/02"/> |
| Username | <input type="text" value="jelly-7-5026-fin"/> | Termination Date | <input type="text"/> |
| Password | <input type="text" value="U8::wih98tKij6"/> | Billing Cycle | <input type="text" value="Monthly"/> |
| Status | <input type="text" value="Active"/> | Payment Method | <input type="text" value="Bank Transfer"/> |
| Module Commands | <input type="button" value="Create"/> <input type="button" value="Suspend"/> <input type="button" value="Unsuspend"/> <input type="button" value="Terminate"/> <input type="button" value="Change Package"/> <input type="button" value="Change Password"/> <input type="button" value="Drop All Devices"/> <input type="button" value="Unblock"/> | | |
| API Connection status | <input checked="" type="checkbox"/> API answer OK | | |
| User | <input checked="" type="checkbox"/> Username: jelly-7-5026-fin Is Disabled : NO | | |
| Libraries | <input type="text" value="Movies"/> | | |
| Info | Streaming bitrate limit | Active Devices | Failed Login Attempt |
| | 50 Mbps | 1/10 | 0/3 |
| | Sync Play Access | | |
| | Allow user to create and join groups | | |
| Active Devices | Device Name | App Name | Last Activity |
| | Chrome | Jellyfin Web | 2023-11-02T13:03:05.4481492Z |

Changelog

Jellyfin module **WHMCS**

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v1.4 Released 21-12-2023

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.

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**

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."

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

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/

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.tmbd.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.

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```
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```

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/

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="jellyfir [REDACTED]"/> |
| Hostname | <input type="text" value="jellyfi [REDACTED]"/> |
| IP Address | <input type="text"/> |
| Assigned IP Addresses (One per line) | <div style="border: 1px solid #ccc; height: 100px;"></div> |
| Monthly Cost | <input type="text"/> |
| Datacenter/NOC | <input type="text"/> |
| Maximum No. of Accounts | <input type="text" value="200"/> |
| Server Status Address | <input type="text"/> <small>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. https://www.example.com/status/</small> |
| 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 | PUQ Jellyfin | <input type="button" value="Test Connection"/> |
| ✓ Connection successful. Some values have been auto-filled. | | |
| Username | admin | |
| Password | | |
| Access Hash | 4 [REDACTED]c | |
| Secure | <input checked="" type="checkbox"/> Check to use SSL Mode for Connections | |
| Port | 443 | <input type="checkbox"/> Override with Custom Port |

5. Create a new Products/Services

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

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

The screenshot displays the Jellyfin configuration interface, divided into several sections:

- License key:** Shows a license key (9T9AEM-2WDHP) and a success message (2024-01-26T12:25:14+01:00).
- Libraries Configuration:**
 - Use All Libraries:** A checkbox labeled "select all libraries together".
 - Libraries:** A list box containing "Movies" and "Clips".
 - Instructions:** A text block explaining how to list libraries, with an example: "Movies", "Beginner`s Programming Course", "Comedy".
 - IMPORTANT!** A red text block stating: "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 \"-\"."
- Allow playback:** A section with checkboxes for:
 - media:
 - audio that requires transcoding:
 - video that requires transcoding:
 - video that requires conversion without re-encoding:
- Links:** A text input field containing "https://doc.pug.info/books/jellyfin-whmcs-r" and an instruction: "A link to the instruction will be reflected in the client area."
- User Configuration:**
 - Streaming bitrate limit:** A text input field with "50" and a unit dropdown set to "Mbps".
 - SyncPlay access:** A dropdown menu set to "Allow user to create and join groups" and a checkbox for "Sync playback with other devices".
 - Remote control:** Two checked checkboxes: "Remote control of shared devices (DLNA devices are considered shared until a user begins controlling them)" and "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."
 - Media downloads:** A checked checkbox.
 - User sessions:** A text input field with "10" and a unit dropdown set to "A".
 - Failed login attempts:** A text input field with "3".
 - Username prefix:** A text input field with "jelly-".
 - Username suffix:** A text input field with "-fin".
- Feature access:**
 - Allow Live TV access:
 - Allow Live TV recording management:
 - Force transcoding of remote media sources such as Live TV:

- **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="jellyfi [REDACTED]"/> |
| IP Address | <input type="text"/> |
| Assigned IP Addresses (One per line) | <div style="border: 1px solid #ccc; height: 100px;"></div> |
| Monthly Cost | <input type="text"/> |
| Datacenter/NOC | <input type="text"/> |
| Maximum No. of Accounts | <input type="text" value="200"/> |
| Server Status Address | <input type="text"/> <small>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. https://www.example.com/status/</small> |
| 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 | PUQ Jellyfin | <input type="button" value="Test Connection"/> |
| | ✓ Connection successful. Some values have been auto-filled. | |
| Username | admin | |
| Password | | |
| Access Hash | 4 [REDACTED]c | |
| Secure | <input checked="" type="checkbox"/> Check to use SSL Mode for Connections | |
| Port | 443 | <input type="checkbox"/> Override with Custom Port |

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

The screenshot displays the configuration interface for the PUQ Jellyfin module, divided into three main sections:

- License key:** A text field containing "9T9AEM" and "2WDHP", with a success message: "success: 2024-01-26T12:25:14+01:00".
- Libraries Configuration:**
 - Use All Libraries:** A checkbox labeled "select all libraries together" is currently unchecked.
 - Libraries:** A list box containing "Movies" and "Clips". Below it, instructions state: "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!** A note: "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:** A checkbox is checked.
 - audio that requires transcoding:** A checkbox is checked.
 - video that requires transcoding:** A checkbox is unchecked.
 - video that requires conversion without re-encoding:** A checkbox is unchecked.
- User Configuration:**
 - Streaming bitrate limit:** A text field with "50" and "Mbps" below it.
 - SyncPlay access:** A dropdown menu set to "Allow user to create and join groups" and a "Sync" checkbox.
 - Remote control:** A checked checkbox with the text: "Remote control of shared devices (DLNA devices are considered shared until a user begins controlling them)".
 - Media downloads:** A checked checkbox with the text: "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 text field with "10" and "A" next to it, with a note: "value of 0 will disable the feature."
 - Failed login attempts:** A text field with "3" and a note: "before user is locked out. Setting this to -1 will disable the feature."
 - Username prefix:** A text field with "jelly-" and a note: "Will be attached to the beginning of username. Only small letters and numbers and symbol '-'".
 - Username suffix:** A text field with "-fin" and a note: "Will be appended to the end of username. Only small letters and numbers and symbol '-'".
- Feature access:**
 - Allow Live TV access:** A checked checkbox.
 - Allow Live TV recording management:** An unchecked checkbox.
 - Force transcoding of remote media sources such as Live TV:** An unchecked checkbox.
- Links:** A text field with "https://doc.puq.info/books/jellyfin-whmcs-r" and a note: "A link to the instruction will be reflected 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.
- **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 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:

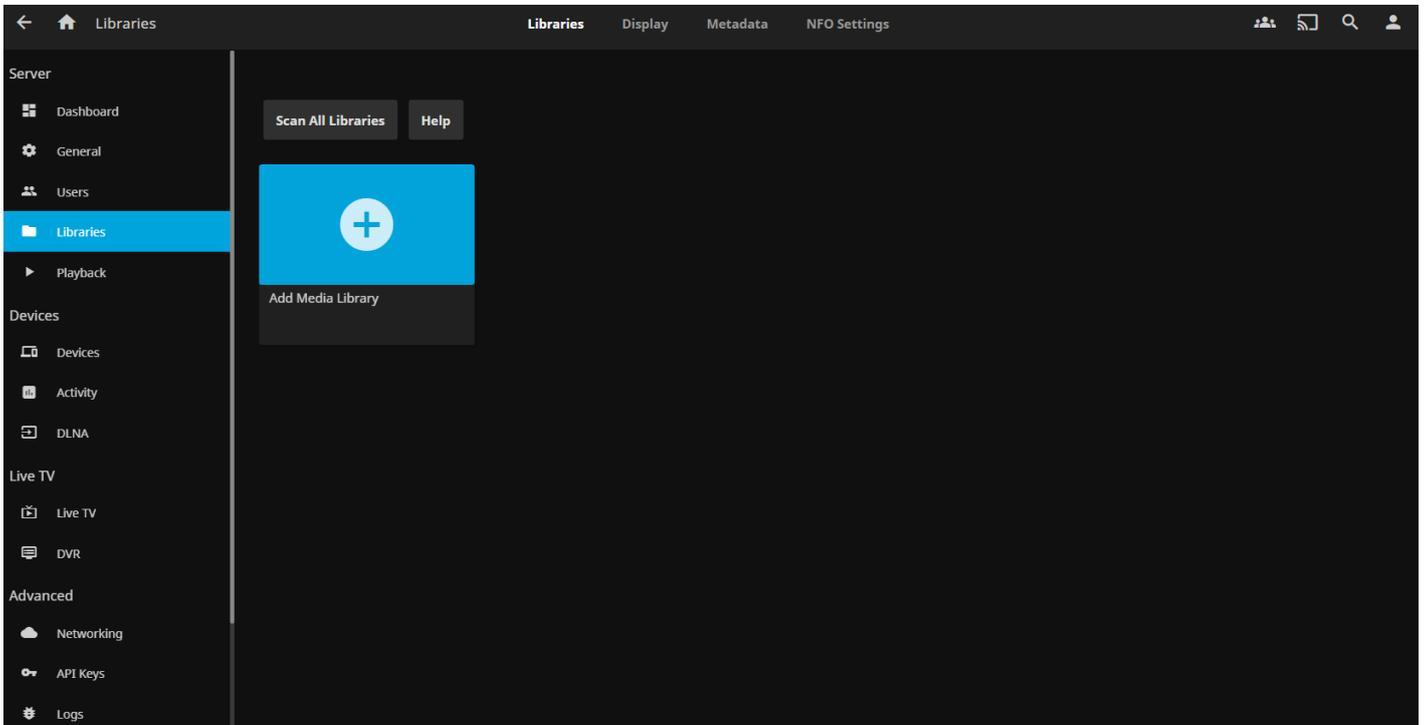
```
cd mnt
```

```
mkdir LIBRARY_NAME
```

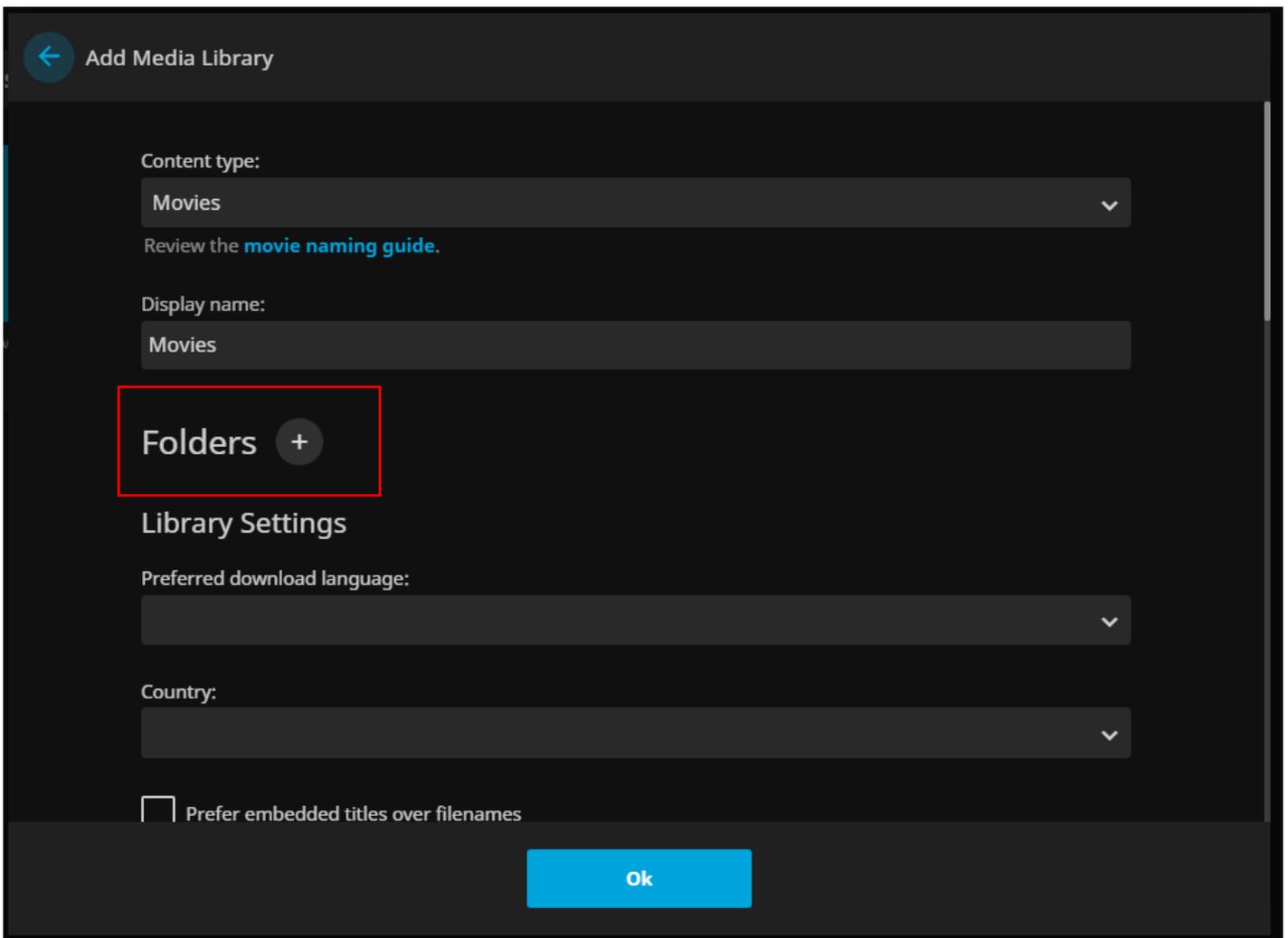
LIBRARY_NAME - The name of the new library.

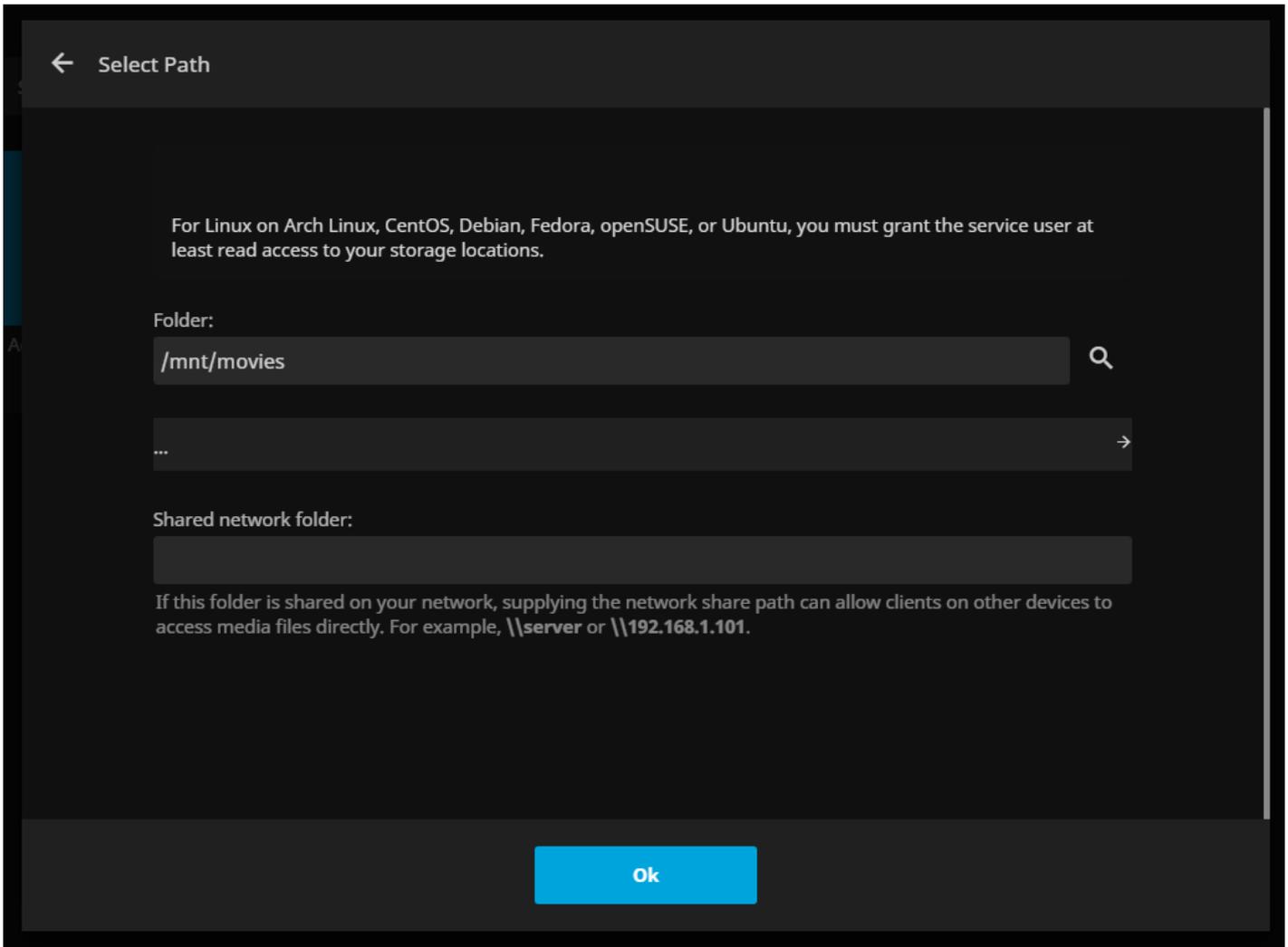
After creating a folder, let's create a library in Jellyfin:

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
```

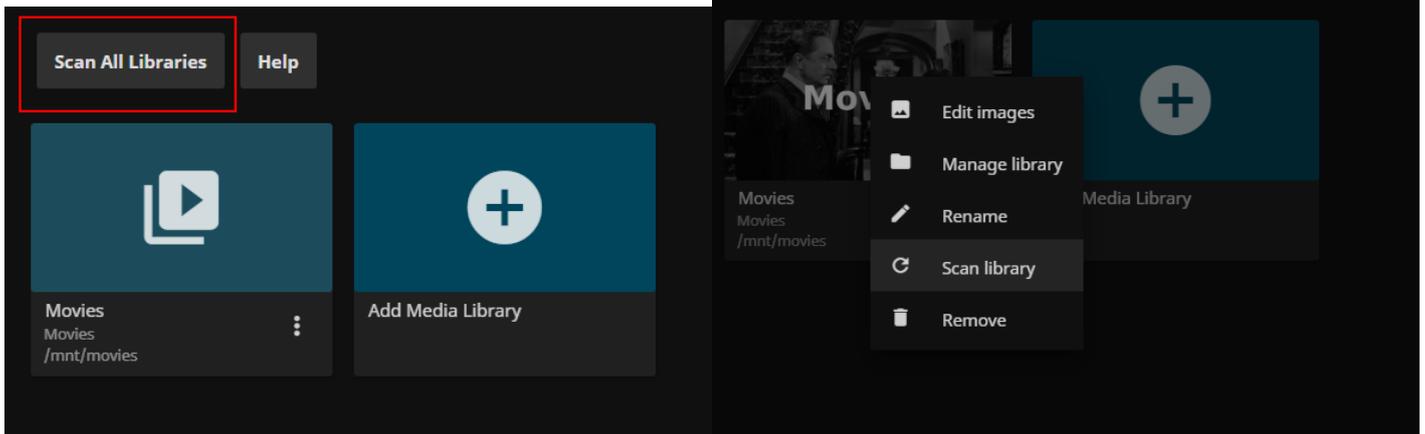
```
wget DOWNLOAD_ITEM_URL
```

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 or by clicking on the three dots and selecting "Scan Library".



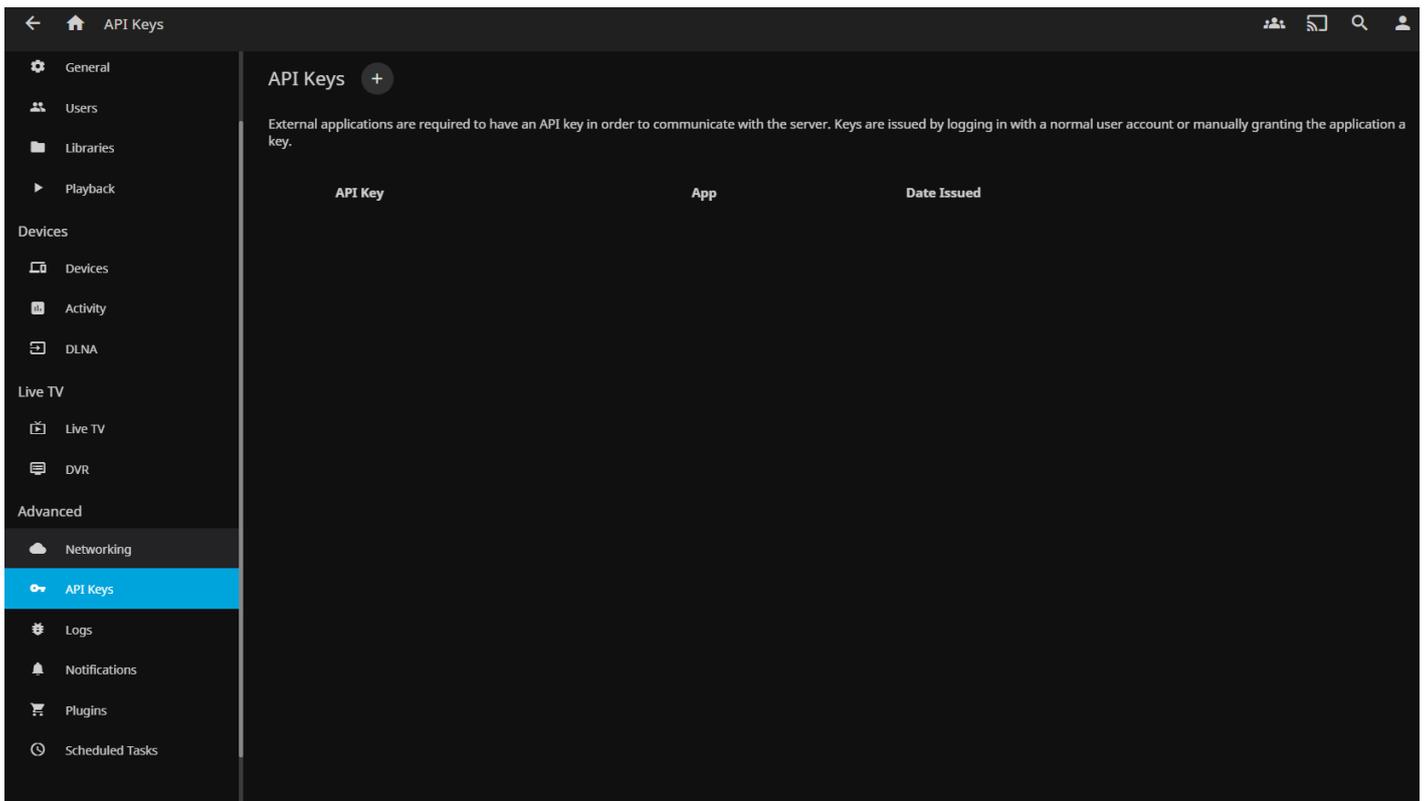
Getting Access Hash (API key)

Jellyfin module **WHMCS**

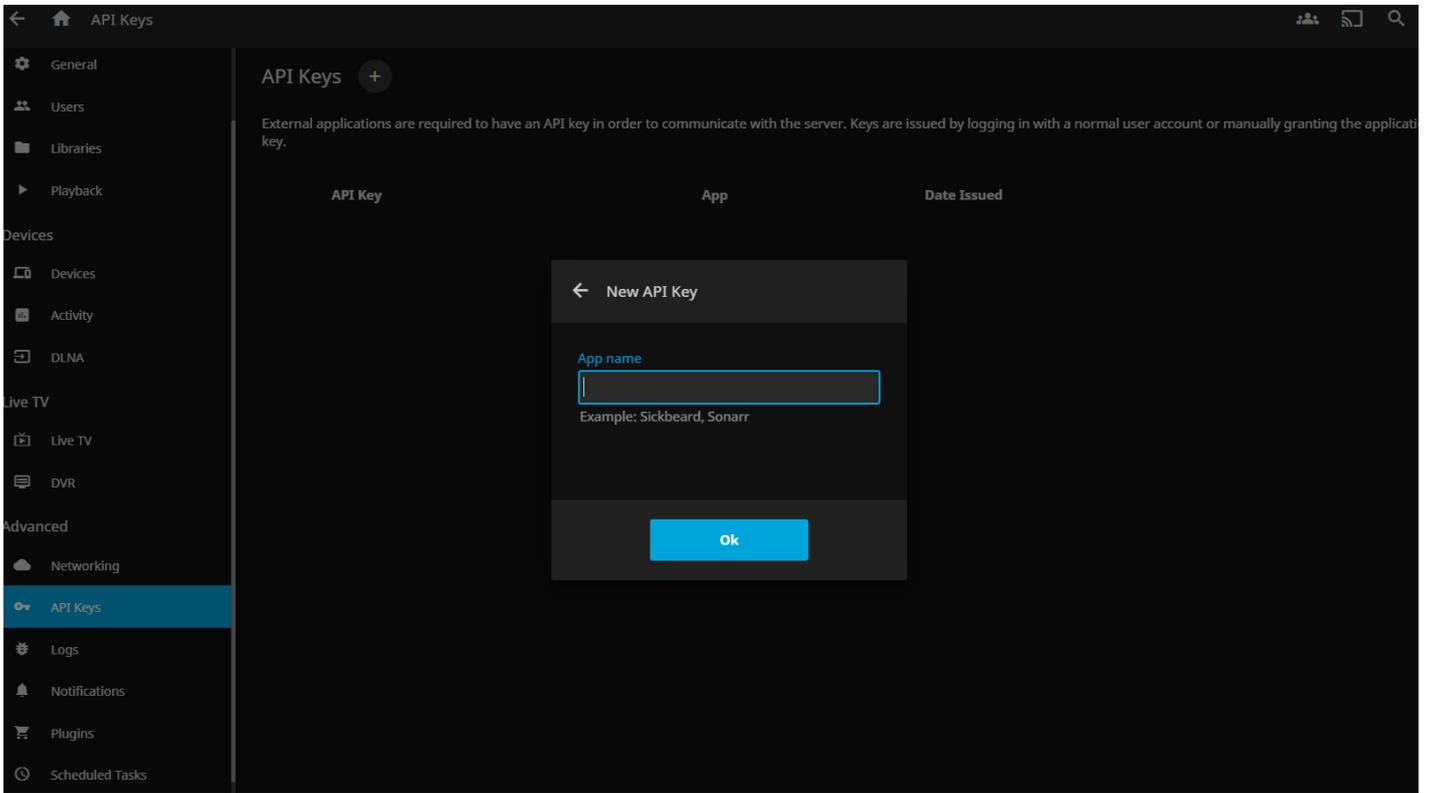
[Order now](#) | [Download](#) | [FAQ](#)

Dashboard -> API Keys

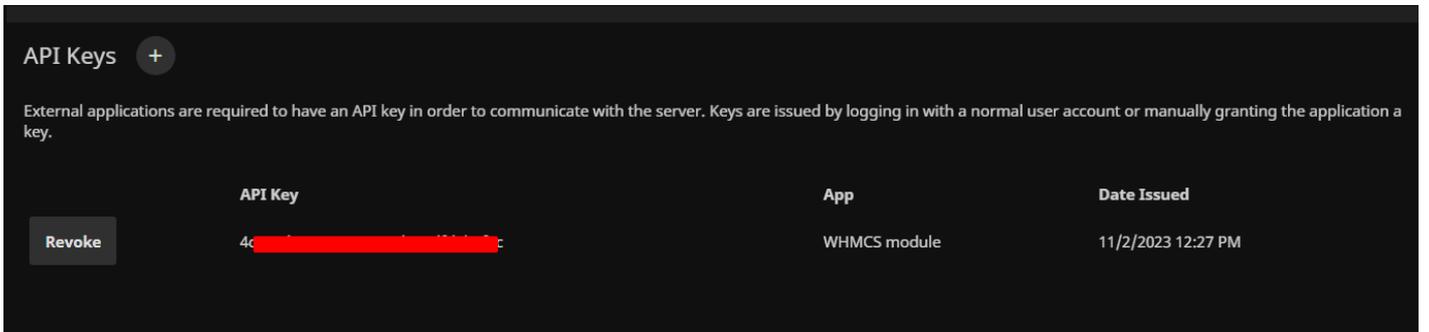
Create a new API Key



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

Dev License: This installation of WHMCS is running under a Development License and is not authorized to be used for production use. Please report any cases of abuse to abuse@whmcs.com



Jellyfin
Jellyfin

ACTIVE

🚫 Request Cancellation

Registration Date

Friday, November 17th, 2023

Recurring Amount

2.00 zł

Billing Cycle

Monthly

Next Due Date

Sunday, December 17th, 2023

Payment Method

Bank Transfer

🌐 Manage

📖 User manual

🌐 Web interface address

<https://jellyfin-test.uuq.pl/>

👤 Username: 7-5051

🔒 Password: *8Nrl8-Ay4E

📺 Libraries:

🔧 Status: **Enable**

✖ Failed Login Attempt: 0 / 3

📱 Active Devices: 1 / 10

| Device Name | App Name | Last Activity |
|-------------|--------------|------------------------------|
| Firefox | Jellyfin Web | 2023-11-17T12:57:43.7931948Z |

🔒 Streaming bitrate limit: 50 Mbps

👥 Sync Play Access: Allow to create and join groups

Admin Area

Product Information

Jellyfin module **WHMCS**

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Here is the data presented for the service admin in WHMCS

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 | Registration Date | <input type="text" value="2023/11/02"/> | | | | | | | | |
|-------------------------|--|------------------------------|---|-------------------------|----------------|----------------------|------------------|--------------|------------------------------|-----|--------------------------------------|
| Product/Service | Jellyfin | Quantity | <input type="text" value="1"/> | | | | | | | | |
| Server | jellyfin-test.uuq.pl (2/200 Accounts) | First Payment Amount | <input type="text" value="1.00"/> | | | | | | | | |
| Domain | <input type="text"/> | Recurring Amount | <input type="text" value="1.00"/> <small>Recalculate on Save</small> <input type="checkbox"/> No | | | | | | | | |
| Dedicated IP | <input type="text"/> | Next Due Date | <input type="text" value="2023/12/02"/> | | | | | | | | |
| Username | jelly-7-5026-fin | Termination Date | <input type="text"/> | | | | | | | | |
| Password | U8::wh98tKij6 | Billing Cycle | Monthly | | | | | | | | |
| Status | Active | Payment Method | Bank Transfer | | | | | | | | |
| Module Commands | <input type="button" value="Create"/> <input type="button" value="Suspend"/> <input type="button" value="Unsuspend"/> <input type="button" value="Terminate"/> <input type="button" value="Change Package"/> <input type="button" value="Change Password"/> <input type="button" value="Drop All Devices"/> <input type="button" value="Unblock"/> | | | | | | | | | | |
| API Connection status | <input checked="" type="checkbox"/> API answer OK | | | | | | | | | | |
| User | <input checked="" type="checkbox"/> Username: jelly-7-5026-fin Is Disabled : NO | | | | | | | | | | |
| Libraries | Movies | | | | | | | | | | |
| Info | <table><thead><tr><th>Streaming bitrate limit</th><th>Active Devices</th><th>Failed Login Attempt</th><th>Sync Play Access</th></tr></thead><tbody><tr><td>50 Mbps</td><td>1/10</td><td>0/3</td><td>Allow user to create and join groups</td></tr></tbody></table> | | | Streaming bitrate limit | Active Devices | Failed Login Attempt | Sync Play Access | 50 Mbps | 1/10 | 0/3 | Allow user to create and join groups |
| 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 | <table><thead><tr><th>Device Name</th><th>App Name</th><th>Last Activity</th></tr></thead><tbody><tr><td>Chrome</td><td>Jellyfin Web</td><td>2023-11-02T13:03:05.4481492Z</td></tr></tbody></table> | | | Device Name | App Name | Last Activity | Chrome | Jellyfin Web | 2023-11-02T13:03:05.4481492Z | | |
| Device Name | App Name | Last Activity | | | | | | | | | |
| Chrome | Jellyfin Web | 2023-11-02T13:03:05.4481492Z | | | | | | | | | |