Installation and Configuration Guide

Step-by-step instructions for installing and configuring the Jellyfin WHMCS module: WHMCS deployment, connecting your Jellyfin server, creating the product and configuring the access policy.

- WHMCS Module Installation and Update
- Add a Jellyfin server in WHMCS
- Product configuration

WHMCS Module Installation and Update

Jellyfin module **WHMCS**

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Supported PHP & WHMCS versions

The module supports **PHP 7.4, 8.1 and 8.2+** and **WHMCS 8.x / 9.x**, and is shipped as a **separate ionCube build per PHP version**. Download the build that matches the PHP version your WHMCS runs on.

WHMCS version	PHP version	Module build
WHMCS 8.x	7.4	`php74`
WHMCS 8.x	8.1	`php81`
WHMCS 8.x	8.2	`php82`
WHMCS 9.x	8.2	`php82`

> Match the build to your **server's PHP version**, not to the WHMCS version. PHP 8.2 and any newer PHP → always use `php82`. Requires **ionCube Loader v13+** (v14/v15 supported).

Download

The module is distributed as a single ZIP archive. A separate build is published for each supported PHP major version — pick the one that matches the PHP runtime used by your WHMCS installation.

All versions and historical builds are available in the index:

- https://download.puqcloud.com/WHMCS/servers/PUQ_WHMCS-Jellyfin/

Direct "latest" downloads

PHP 8.2

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

PHP 8.1

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

PHP 7.4

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

> Not sure which PHP version your WHMCS runs on? Check **Utilities > System > PHP Info** in the WHMCS admin area.

Installation

Step 1: Unzip the Archive

On your WHMCS server (or locally, before uploading):

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

The archive extracts into a `PUQ_WHMCS-Jellyfin/` directory containing the server module folder `puqJellyfin`.

Step 2: Copy the Server Module

Copy and replace `puqJellyfin` from the extracted `PUQ_WHMCS-Jellyfin/` directory to your WHMCS installation:

```
PUQ_WHMCS-Jellyfin/puqJellyfin  →  WHMCS_WEB_DIR/modules/servers/puqJellyfin/
```

Example:

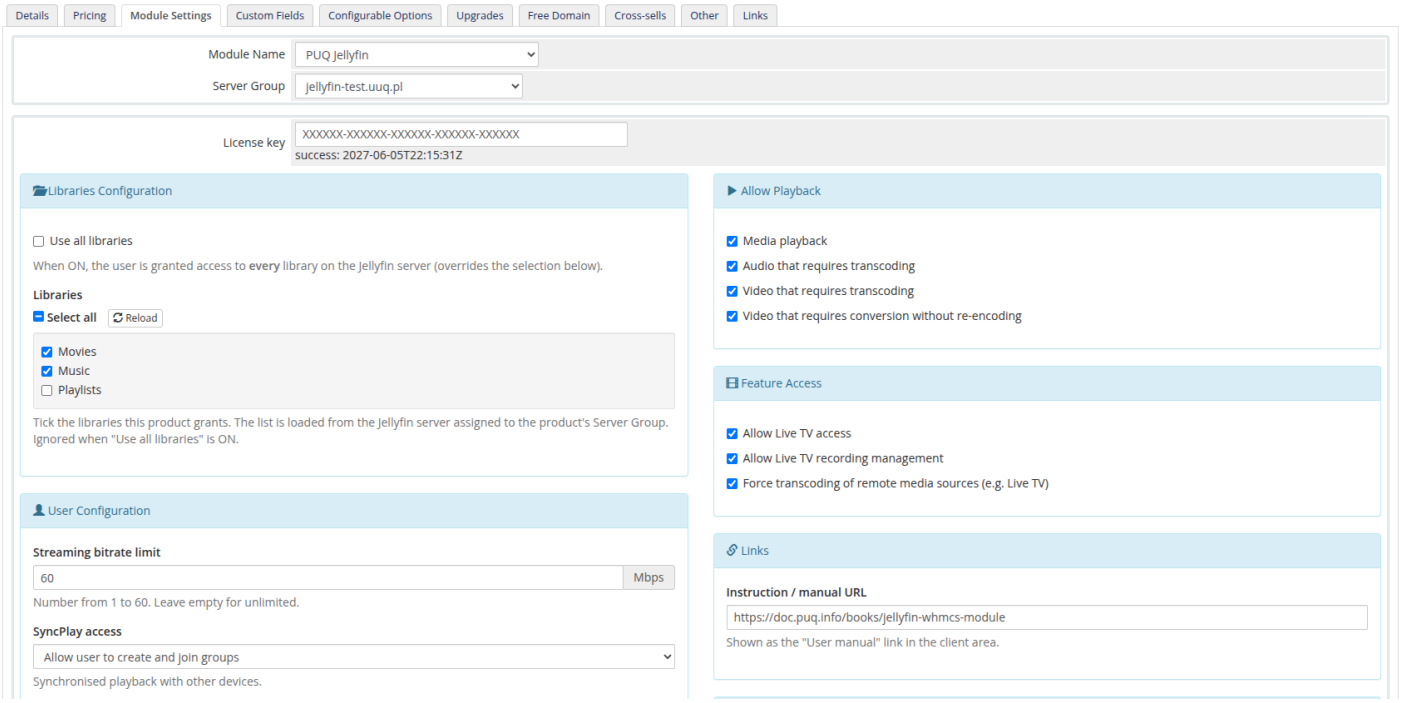
```
cp -r PUQ_WHMCS-Jellyfin/puqJellyfin /var/www/html/whmcs/modules/servers/
```

Step 3: ionCube Loader

Ensure **ionCube Loader v13+** is installed and enabled for the PHP version your WHMCS runs on. The module source is encoded with ionCube.

Step 4: License key

Each product that uses this module requires a valid license key in the **License key** field of the product's **Module Settings** tab. Invalid or missing licenses are listed on the WHMCS admin homepage.



> The module self-creates its database tables (`puq_license`, `puq_module_versions`) on first load — there is no SQL to run manually.

File Structure

After installation, the module files should be located at:

```
whmcs/
├── modules/
│   └── servers/
│       └── puqJellyfin/            # Server module
│           ├── puqJellyfin.php
│           ├── hooks.php
│           ├── whmcs.json
│           ├── lib/
│           ├── lang/
│           └── templates/
```

Update Procedure

To update the module to a newer version:

1. Back up your WHMCS installation (and the existing `modules/servers/puqJellyfin/` directory).
2. Download the latest build that matches your server's PHP version (see **Download** above).
3. Upload and overwrite the files in `modules/servers/puqJellyfin/`.
4. Open any WHMCS admin page once — the migration runner brings the schema up to date automatically.

> **Upgrading from v2.x:** no reconfiguration is required. The module reads existing product settings from the legacy `configoption3`–`configoption8` slots until you save the product once through the new form, at which point they are consolidated into `configoption24`.

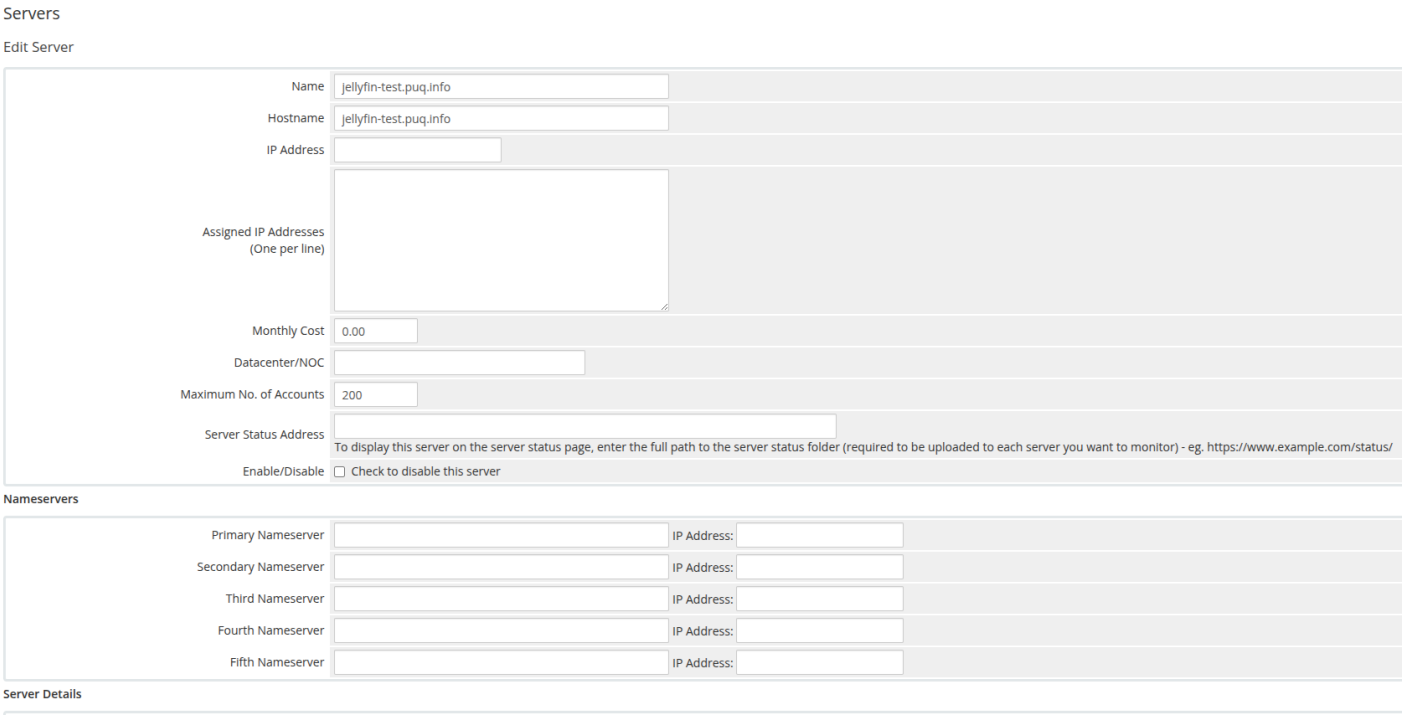
> **Tip:** always back up your WHMCS installation before performing an update.

Add a Jellyfin server in WHMCS

Jellyfin module **WHMCS**

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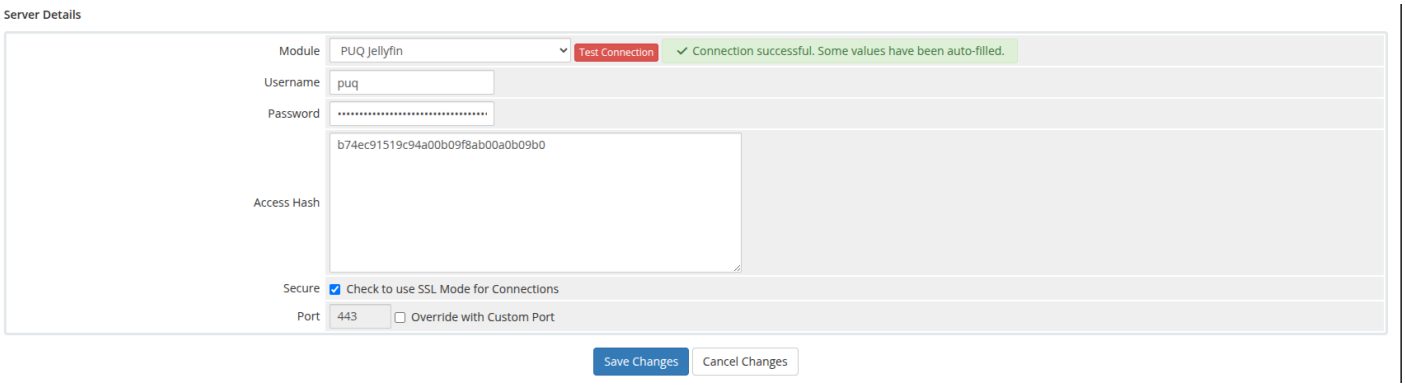
Configure the connection to your Jellyfin server under **Setup → Products/Services → Servers → Add New Server**.



Field	Value
Hostname / IP Address	The Jellyfin server hostname or IP.
Secure (SSL)	Enable if Jellyfin is served over HTTPS.
Port	Jellyfin port (default `8096`, or `443` when SSL is enabled).
Username	A Jellyfin **administrator** username.
Password	That administrator's password.
Access Hash	A Jellyfin **API key** (Dashboard → API Keys).

Field	Value
Type / Module	`PUQ Jellyfin`.

In the **Server Details** section select **Module → PUQ Jellyfin** and fill in the **Username**, **Password** and **Access Hash** (API key), tick **Secure** for SSL and set the **Port**.



Use **Test Connection** to confirm WHMCS can reach Jellyfin and authenticate. The module authenticates with the username/password + API key to obtain an access token, then calls `System/Info` to verify connectivity.

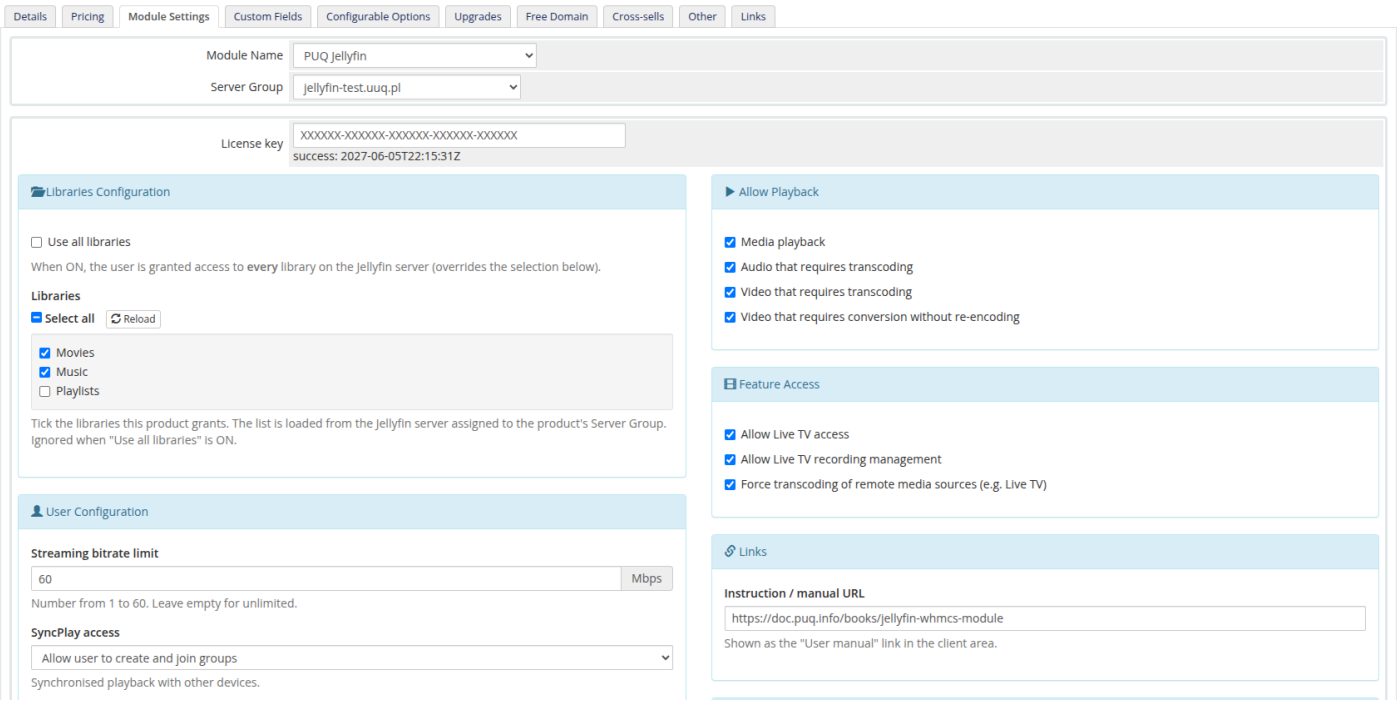
Assign the server (or a server group containing it) to your Jellyfin product under the product's **Module Settings**.

Product configuration

Jellyfin module **WHMCS**

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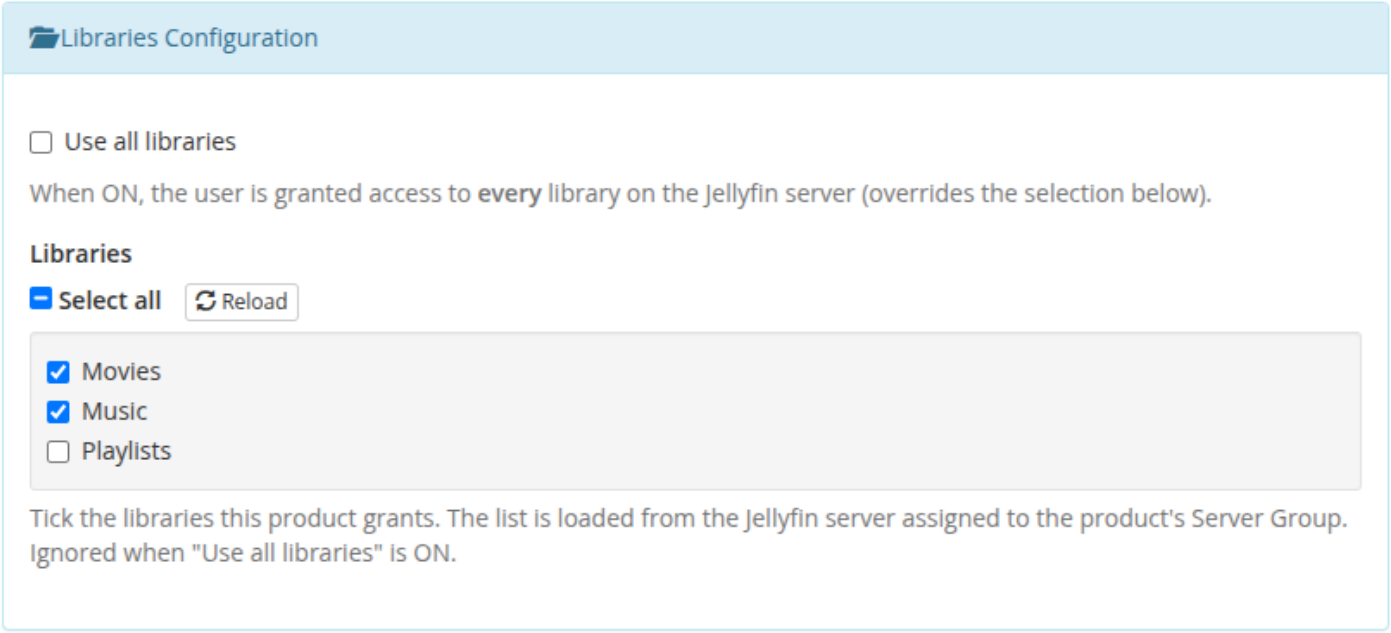
Create a product of type **PUQ Jellyfin** (Setup → Products/Services), assign the Jellyfin server on the **Module Settings** tab, then configure the access policy in the injected configuration panel.



Libraries Configuration

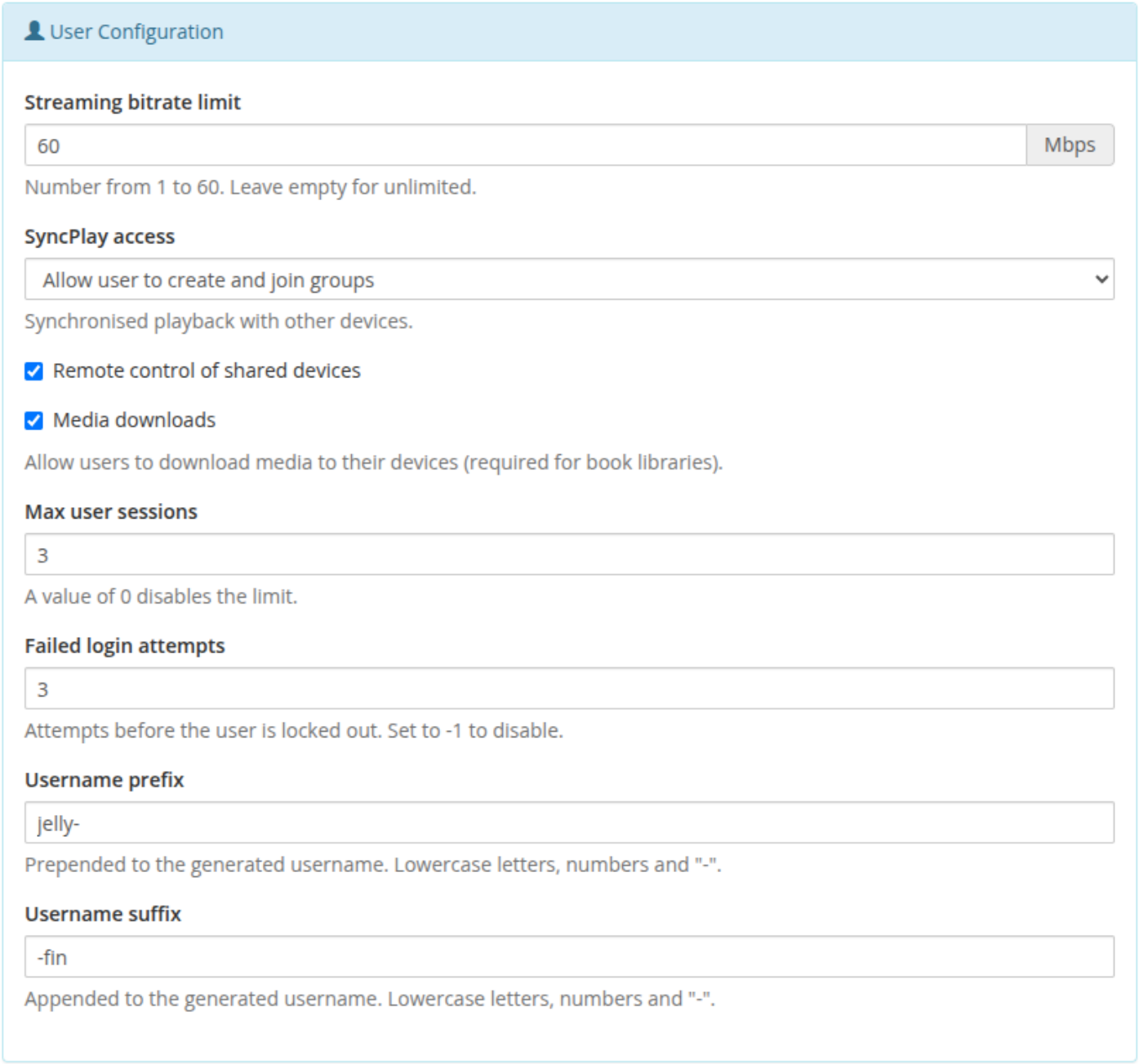
- **Use all libraries** — grant access to every library on the server (overrides the selection below).
- **Libraries** — the list of libraries is loaded live from the Jellyfin server assigned to the product's Server Group. Tick the libraries this product grants; use **Select all** to toggle everything, or **Reload** to refresh the list. Leaving everything unticked grants no library. If the server cannot be reached, a manual text box appears as a fallback (one library name per line). Ignored when "Use all libraries" is ON.

> The dynamic list requires the product to be saved with a Server Group that contains a reachable Jellyfin server. Until then the panel shows a hint to select and save a Server Group.



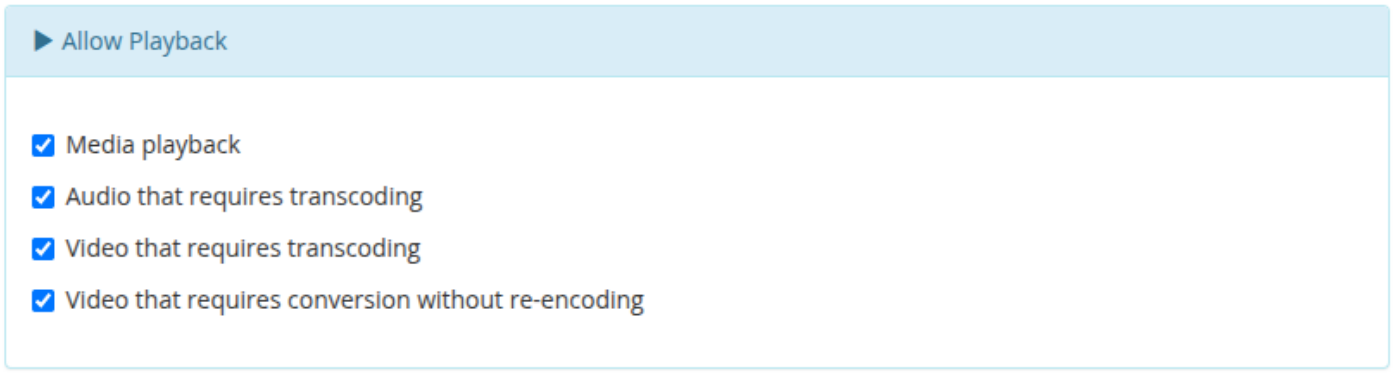
User Configuration

- **Streaming bitrate limit** — 1–60 Mbps (empty = unlimited).
- **SyncPlay access** — create & join groups / join groups / disabled.
- **Remote control of shared devices**, **Media downloads** — on/off.
- **Max user sessions** — `0` disables the limit.
- **Failed login attempts** — lockout threshold; `-1` disables it.
- **Username prefix / suffix** — wrap the generated username.



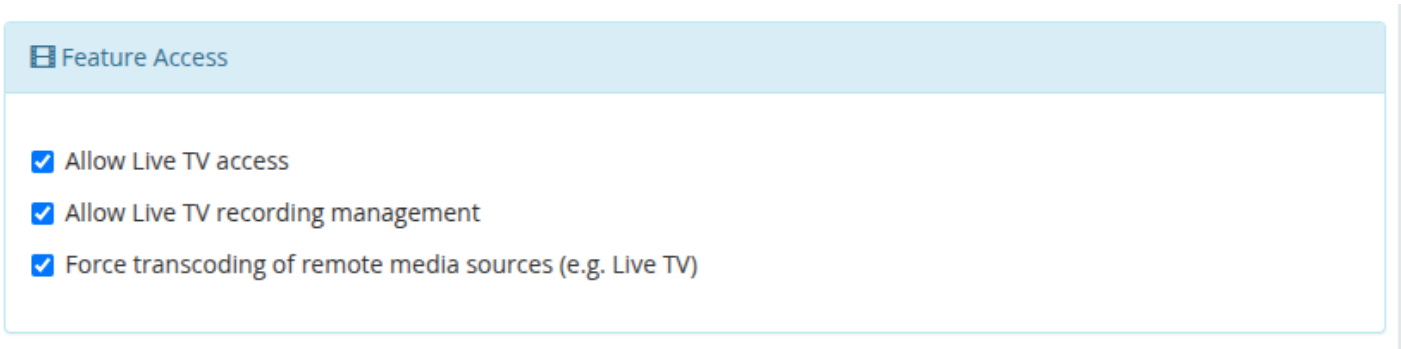
Allow Playback

Toggle media playback, audio transcoding, video transcoding and video conversion without re-encoding.



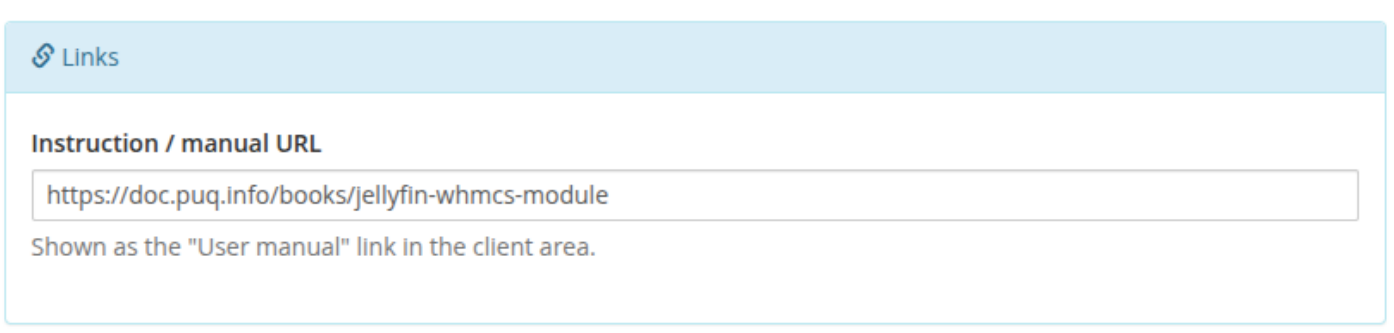
Feature Access

Live TV access, Live TV recording management, and force transcoding of remote media sources.



Links

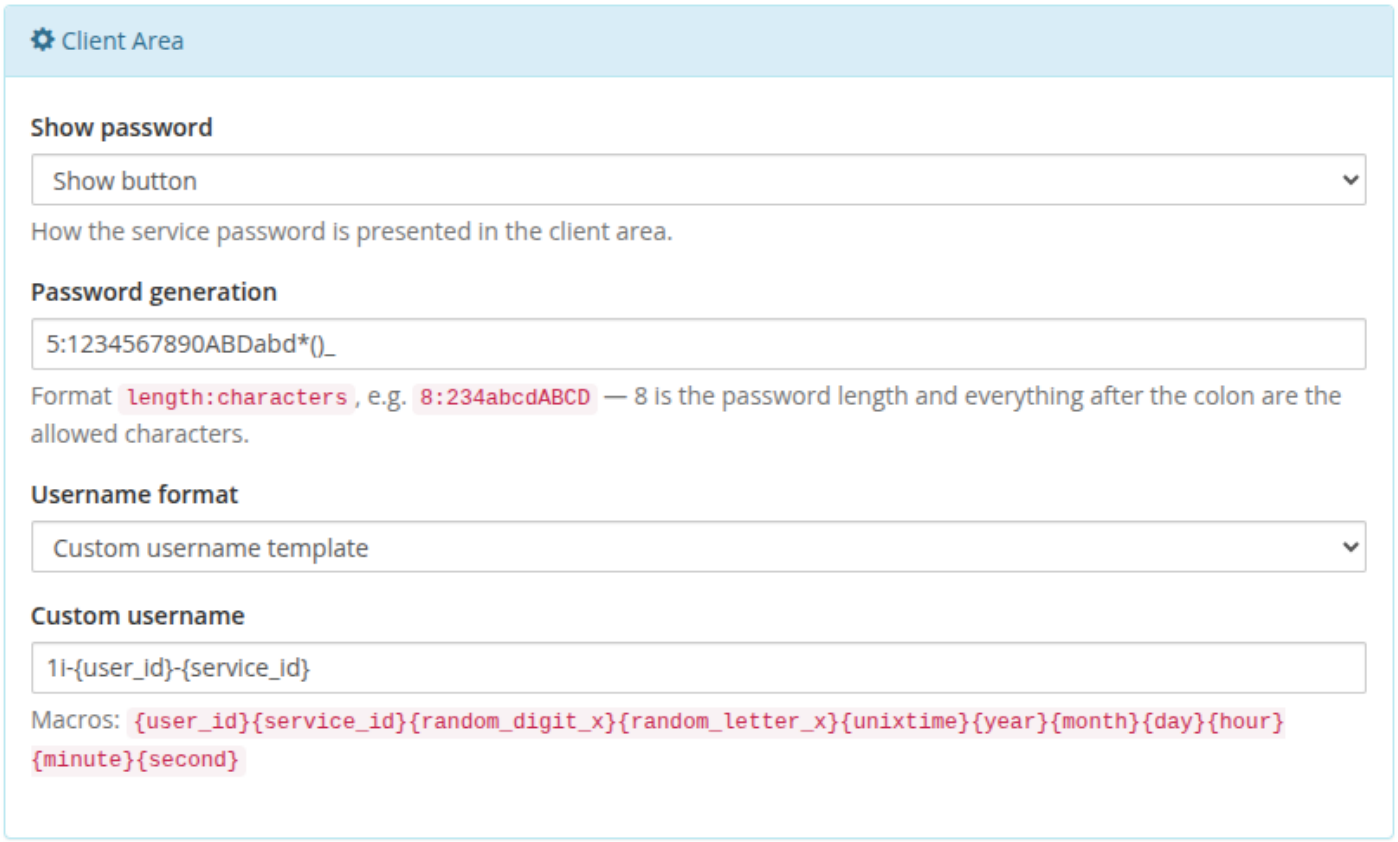
- **Instruction / manual URL** — shown as the *User manual* link in the client area.



Client Area

- **Show password** — show button / plain text / hidden.

- **Password generation** — `length: characters`, e.g. `8: 23456789abcdABCD`.
- **Username format** — `standard` (`prefix<client_id>-<service_id>suffix`) or `custom`.
- **Custom username** — macro template: `{user_id}`, `{service_id}`, `{random_digit_x}`, `{random_letter_x}`, `{unixtime}`, `{year}`, `{month}`, `{day}`, `{hour}`, `{minute}`, `{second}`.



Settings are stored as a single JSON document in `configoption24`. After saving, **Create/Change** actions push the resulting policy to Jellyfin.