

# Installation

## 1. Install Packages

```
sudo apt install apt-transport-https gnupg lsb-release
curl -fsSL https://repo.jellyfin.org/debian/jellyfin_team.gpg.key | gpg --dearmor -o
/etc/apt/trusted.gpg.d/debian-jellyfin.gpg
echo "deb [arch=$( dpkg --print-architecture )] https://repo.jellyfin.org/debian $(
lsb_release -c -s ) main" | sudo tee /etc/apt/sources.list.d/jellyfin.list
```

```
sudo apt update
sudo apt install jellyfin
```

```
sudo systemctl enable --now jellyfin.service
sudo systemctl restart jellyfin.service
```

## 2. Setup reverse proxy

In your new Jellyfin installation, head over to the `Admin Dashboard` -> `Advanced` -> `Networking` and disable HTTPS (if enabled), then add your local host ( `127.0.0.1` ) to the known proxies, to allow NGINX to act as a reverse proxy. After that, restart your Jellyfin server.

```
sudo systemctl restart jellyfin
```

Create a new VHOST in NGINX, `/etc/nginx/sites-enabled/streaming.example.org` and insert the following configuration (adapting the servername etc. of course):

```
upstream jellyfin {
    server 127.0.0.1:8096;
}

server {
    listen 443 ssl http2;
    listen [::]:443 ssl http2;
    server_name streaming.example.org;
    ssl_certificate /etc/ssl/...;
```

```
ssl_certificate_key /etc/ssl/...;
ssl_trusted_certificate /etc/ssl/...;

location / {
    proxy_pass http://jellyfin;
    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 https;
    proxy_set_header X-Nginx-Proxy true;
    proxy_redirect off;
}

}

server {
    listen 80;
    listen [::]:80;
    server_name streaming.example.org;
    return 301 https://$server_name$request_uri;
}
```

You can now reach your Jellyfin instance over [streaming.example.org](https://streaming.example.org).

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