

# Hosted Applications

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# Nextcloud

Nextcloud is installed as an Add-On in Home Assistant. The Data dir is linked to a TerraMaster NAS folder named nextcloud using Samba/SMB.

**Running OCC Commands:** Not yet setup

1. Configure debugging: <https://developers.home-assistant.io/docs/operating-system/debugging/>
2. Remotely Login to HA through SSH
3. Run command: `docker exec addon_db21ed7f_nextcloud_ocr sudo -u abc php /app/www/public/occ SOME_COMMAND`
  1. For an interactive terminal start with `docker exec -ti ...`

Also, crontab is probably located here: /data/config/crontab

**Useful Nextcloud OCC Commands:**

[https://docs.nextcloud.com/server/latest/admin\\_manual/occ\\_command.html](https://docs.nextcloud.com/server/latest/admin_manual/occ_command.html)

- Scan for new files added from outside NextCloud: [files:scan](#)
- Pre-Generate image previews: [preview:pre-generate](#)
- Cleanup and mimetype migrations: `maintenance:repair --include-expensive`
- Add missing DB indexes: `db:add-missing-indices`

**Nextcloud DB:** Using MariaDB Add-On in Home Assistant

- homeassistant.local:3306
- database: nextcloud
- username: service

**Nextcloud config in HA:**

```
Full_Text_Search: false
OCR: false
OCRLANG: eng
PGID: 1000
PUID: 1000
additional_apps: inotify-tools
certfile: fullchain.pem
```

```
elasticsearch_server: <ip:port>
enable_thumbnails: true
keyfile: privkey.pem
trusted_domains: >-
    home.freakycowbot.com,home.freakycowbot.com:8099,homeassistant.local,192.168.235.211
use_own_certs: true
default_phone_region: EN
networkdisks: //192.168.100.101/nextcloud
cifsusername: nextcloud_user
cifspassword: **REMOVED**
```

### **Initial Nextcloud Setup page:**

DB credentials originally come from the Nextcloud logs on initial boot.

Using mounted SMB drive for storage (See config above). Not mounted in Home Assistant.



### Create an admin account

New admin account name

New admin password



### Storage & database ▼

Data folder

### Configure the database

SQLite

MySQL/MariaDB

PostgreSQL

Database account

Database password



Database name

Database host

# Jellyseer

**Installed on server:** Media PC, port 5055 using Docker

**URL:** <http://192.168.100.100:5055>, <http://jaggedjax.chickenkiller.com:5055/>

Jellyseer install docs: <https://docs.jellyseerr.dev/getting-started/docker?docker-methods=docker-cli>

**Location:** /opt/jellyseerr

## Install command:

```
sudo docker run -d \  
  --name jellyseerr \  
  --user=1000:1001 \  
  -e LOG_LEVEL=debug \  
  -e TZ=America/Los_Angeles \  
  -e PORT=5055 `#optional` \  
  -p 5055:5055 \  
  -v /opt/jellyseerr:/app/config \  
  --restart unless-stopped \  
  fallenbagel/jellyseerr
```

## Update Command:

```
sudo docker stop jellyseerr && sudo docker rm jellyseerr  
sudo docker pull fallenbagel/jellyseerr
```

And then run the above install command again

# Jellyfin

Logs: `/var/log/jellyfin`

Plugin dir: `/var/lib/jellyfin/plugins/`

Other/Config dir: `/etc/jellyfin/`

# Tdarr

Automatic video transcoding to H.265 - A more modern and space efficient format

## Tdarr server

Running as a Home Assistant addon:

[https://home.freakycowbot.com/hassio/addon/db21ed7f\\_tdarr/info](https://home.freakycowbot.com/hassio/addon/db21ed7f_tdarr/info)

UI: <http://homeassistant.local:8265>

## Tdarr nodes

- Home Assistant - This node can only use CPU transcoding and is trash. It's running alongside the server
  - Ideally it should be using VA-API, but it either is not, or this CPU doesn't support H.265
- MediaPC - `/opt/Tdarr/Tdarr_Node`
- Pop\_OS Dell - `/opt/Tdarr/Tdarr_Node`
  - Laptop. Can stop service when needed with: `sudo service tdarr stop`

## Node Service

To create a linux service so the Tdarr node automatically starts/runs:

```
sudo vim /etc/systemd/system/tdarr.service
```

```
[Unit]
```

```
Description=Tdarr - Audio/Video Library Analytics & Transcode/Remux Automation
```

```
Documentation=https://docs.tdarr.io/docs
```

```
[Service]
```

```
User=william
```

```
Group=william
ExecStart=/opt/Tdarr/Tdarr_Node/Tdarr_Node
Restart=on-failure

[Install]
WantedBy=multi-user.target
```

```
sudo systemctl enable tdarr.service
```

```
sudo service tdarr start
```

Nodes should auto-update. See `/opt/Tdarr/logs` for update log files

Sometimes not all files are properly marked as executable so the node fails:

- Tdarr\_Node
- runtime/Tdarr\_Node\_Runtime
- assets/app/ccextractor/linux\_x64/ccextractor
- /opt/Tdarr/Tdarr\_Node/assets/app/ffmpeg/linux\_x64/ffmpeg
- /opt/Tdarr/Tdarr\_Node/assets/app/ffmpeg/linux\_x64/ffprobe
- /opt/Tdarr/Tdarr\_Node/node\_modules/exiftool-vendored.pl/bin/exiftool
- 

## Node Configuration

### Pop\_OS Dell Tdarr\_Node\_Config.json

```
{
  "nodeName": "Pop_OS Dell",
  "serverURL": "http://192.168.235.211:8266",
  "serverIP": "192.168.235.211",
  "serverPort": "8266",
  "handbrakePath": "",
  "ffmpegPath": "",
  "mkvpropeditPath": "",
  "pathTranslators": [
    {
      "server": "/mnt/transcode_cache/tdarr",
      "node": "/mnt/terramaster/transcode_cache/tdarr"
    },
    {
```



```
    "server": "/mnt/movies",
    "node": "/mnt/terramaster/movies"
  },
  {
    "server": "/mnt/tv",
    "node": "/mnt/terramaster/tv"
  }
],
"nodeType": "mapped",
"unmappedNodeCache": "/opt/Tdarr/unmappedNodeCache",
"logLevel": "INFO",
"priority": 0,
"cronPluginUpdate": "",
"apiKey": "",
"maxLogSizeMB": 10,
"pollInterval": 2000,
"startPaused": false
}
```

# RustDesk

**Installed on server:** Media PC as a service. Ports forwarded in router per RustDesk install directions.

- ID Server: `jaggedjax.chickenkiller.com`
- Public Key: `fKM0a7UF+m6HZkxNuqVbkaaPzGKY8RAGjjVUmwsGoPc=`

## Client Setup

You can access your install scripts for clients by going to <http://jaggedjax.chickenkiller.com:8000> or just finding them like you would normally.

Once installed:

1. Go to Settings > Network > ID/Relay Server
  1. ID Server: `jaggedjax.chickenkiller.com`
  2. Public Key: `fKM0a7UF+m6HZkxNuqVbkaaPzGKY8RAGjjVUmwsGoPc=`
  3. The rest can be blank.
    1. Note: Relay Server may also need `jaggedjax.chickenkiller.com` for some external access, but probably not.

## Update RustDesk Server:

1. Connect to Media PC
2. CD to `/home/william`
3. Run: `./rustdesk_update.sh`
  1. Update script from: <https://github.com/techahold/rustdeskinstall?tab=readme-ov-file#how-to-update-the-server>

You can restart RustDesk server with the following command:

```
sudo systemctl restart rustdesk signal rustdeskrelay gohttpserver
```

# Installed Clients:

- Media PC: 358 816 069
- Dell PopOS Work: 290 658 077
- System76 Darter Pro: 459 844 153

# ControlD

Hosted on: UniFi Cloud Gateway Ultra

IP: 192.168.1.1

The [ControlD application](#) is installed on this router to manage DNS.

## Install

1. SSH into router
  1. Docs: <https://help.ui.com/hc/en-us/articles/204909374-Connecting-to-UniFi-with-Debug-Tools-SSH>
2. Run command: 

```
sh -c 'sh -c "$(curl -sL https://api.controlld.com/dl)" -s cuayo73hcv forced'
```

  1. The resolver ID here "cuayo73hcv" comes from the ControlD Endpoint dashboard

Instructions from here: <https://docs.controlld.com/docs/ctrlld#quick-install>

## Upgrade

1. SSH into router
2. Run command: 

```
/data/controlld/ctrlld upgrade
```

  1. Can also run the install command again leaving off the "-s XXX forced" arguments