

Hosted Applications

Info about my locally 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

- 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

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>

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 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

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]

ExecStart=/opt/Tdarr/Tdarr_Node/Tdarr_Node

Restart=on-failure

[Install]

WantedBy=multi-user.target

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

```
sudo service tdarr start
```