

# Server

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# Restoring Nginx Proxy Manager from Backup

This guide walks you through restoring your **Nginx Proxy Manager (NPM)** Docker container from a backup on an OpenMediaVault system.

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## ? Prerequisites

- OpenMediaVault system with Docker and Docker Compose installed
  - Backups of the following folders:
    - `/srv/dev-disk-by-uuid-2cae64a3-155c-4238-8a9d-99515c6f200f/Muninn/2025backup/nginx-proxy-manager-data`
    - `/srv/dev-disk-by-uuid-2cae64a3-155c-4238-8a9d-99515c6f200f/Muninn/2025backup/nginx-proxy-manager-letsencrypt`
  - Target restore directory:
    - `/srv/dev-disk-by-uuid-b588f7eb-f98f-4e15-b964-25574b92227e/HELCONFIG/nginx/`
- 

## ? Folder Structure

Ensure the target directory structure looks like this:

```
/srv/dev-disk-by-uuid-b588f7eb-f98f-4e15-b964-25574b92227e/HELCONFIG/  
└─ nginx/  
    └─ nginx-proxy-manager-data/  
        └─ nginx-proxy-manager-letsencrypt/
```

---

## ? Working Docker Compose File

Place the following `docker-compose.yml` in the `/srv/dev-disk-by-uuid-b588f7eb-f98f-4e15-b964-25574b92227e/HELCONFIG/nginx/` folder:

```
version: '3'
services:
  nginx-proxy-manager:
    image: jc21/nginx-proxy-manager:latest
    container_name: nginx-proxy-manager
    restart: unless-stopped
    ports:
      - '80:80'
      - '81:81'
      - '443:443'
    volumes:
      - ./nginx-proxy-manager-data:/data
      - ./nginx-proxy-manager-letsencrypt:/etc/letsencrypt
```

## ? Restore Backups

Use the following commands to copy your backup data into the live configuration folder:

```
# letsencrypt
sudo cp -a /srv/dev-disk-by-uuid-2cae64a3-155c-4238-8a9d-99515c6f200f/Muninn/2025backup/nginx-proxy-manager-letsencrypt/. \
  /srv/dev-disk-by-uuid-b588f7eb-f98f-4e15-b964-25574b92227e/HELCONFIG/nginx/nginx-proxy-manager-letsencrypt/

# data
sudo cp -a /srv/dev-disk-by-uuid-2cae64a3-155c-4238-8a9d-99515c6f200f/Muninn/2025backup/nginx-proxy-manager-data/. \
  /srv/dev-disk-by-uuid-b588f7eb-f98f-4e15-b964-25574b92227e/HELCONFIG/nginx/nginx-proxy-manager-data/
```

Ensure trailing `/.` is used to copy **contents** only.

# ? Start Container

Once restored:

```
cd /srv/dev-disk-by-uuid-b588f7eb-f98f-4e15-b964-25574b92227e/HELCONFIG/nginx/  
sudo docker compose up -d
```

# ? Troubleshooting

## ? Can't create network

```
Error: could not find an available, non-overlapping IPv4 address pool
```

**Fix:**

```
sudo docker network prune
```

## ? Container fails with alias error

```
Error: network-scoped alias is supported only for user-defined networks
```

**Fix:** Define and use a custom bridge network:

```
sudo docker network create nginx_network
```

Then add to `docker-compose.yml`:

```
networks:  
  default:  
    external:  
      name: nginx_network
```

## ? Can't access web interface

- Check container logs:

```
sudo docker logs nginx-proxy-manager
```

- Ensure ports are published correctly ( `80`, `81`, `443` )
- Check firewall / router rules

## ? SSL Renewal Errors

```
expected ../cert.pem to be a symlink
```

These indicate broken or partial LetsEncrypt data. Copy the backup of the letsencrypt folder and ensure correct permissions.

---

## ? Login Defaults

Once online, access via:

```
http://[host-IP]:81
```

Default credentials:

```
Email:    admin@example.com
```

```
Password: changeme
```

---

## ? Notes

- Always stop the container before copying data
  - Use `docker compose down` if needed before restoring
  - Check `database.sqlite` timestamp to confirm restoration
- 

## ? Optional: Full Refresh

If issues persist, delete the container and volumes, then redeploy and restore the backups fresh:

```
sudo docker compose down
sudo rm -rf nginx-proxy-manager-data nginx-proxy-manager-letsencrypt
# Then restore backups and re-up
```

---

For any further help, ensure Docker is up-to-date and Portainer (if used) is refreshed to reflect changes.

# Backup Guide - Homarr - (OpenMediaVault/Docker)

This guide documents how to safely back up your **Homarr** instance running as a Docker container on OpenMediaVault.

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## ? Purpose

Backing up your Homarr configuration ensures that all your dashboard settings and app tiles can be restored after a system wipe, migration, or rebuild.

---

## ? Assumptions

- Homarr container is deployed via Docker Compose
- Docker is installed and running
- Your Homarr folder resides in:

```
/srv/dev-disk-by-uuid-b588f7eb-f98f-4e15-b964-25574b92227e/HELCONFIG/homarr
```

```
- You want to store the backup in:
```

```
/srv/dev-disk-by-uuid-b588f7eb-f98f-4e15-b964-25574b92227e/HELCONFIG/
```

```
---
```

```
## [] Backup Process
```

```
### □ Step 1: Stop the Container
```

To ensure a consistent backup, stop the running Homarr container first:

```
```bash
sudo docker stop homarr
```

---

## ? Step 2: Install Zip (if needed)

If you haven't used the `zip` command before, you might need to install it:

```
sudo apt update
sudo apt install zip -y
```

---

## ? Step 3: Create the Backup

Run this command to zip the entire Homarr folder:

```
sudo zip -r /srv/dev-disk-by-uuid-b588f7eb-f98f-4e15-b964-25574b92227e/HELCONFIG/homarr-full-
backup.zip \
/srv/dev-disk-by-uuid-b588f7eb-f98f-4e15-b964-25574b92227e/HELCONFIG/homarr
```

“ ⚠ Ensure you're zipping the **entire folder**, not just the `appdata` directory.

---

## ? Step 4: Start Homarr Again

Once the backup is complete, start your container again:

```
sudo docker start homarr
```

---

## ? Result

You will now have a backup file:

```
homarr-full-backup.zip
```

Located in:

```
/srv/dev-disk-by-uuid-b588f7eb-f98f-4e15-b964-25574b92227e/HELCONFIG/
```

This file contains everything inside your Homarr directory.

---

## ?? Notes

- The same process can be used to back up other containers by replacing the folder and container name.
  - You can also schedule this with `cron` for automatic backups.
- 

## ? To Restore

To restore a backup:

```
sudo unzip homarr-full-backup.zip -d /srv/dev-disk-by-uuid-b588f7eb-f98f-4e15-b964-25574b92227e/HELCONFIG/
```

Then bring the container up with Docker Compose as usual.

# 1. ----- To Do -----

Zip/back up - Radarr, sonarr, sabnzbd, qbittorrent.

Re up - Mesh central














Tidy up Google drive and make room for config backups.

# General info to sort.

| Device    | Type | Available  | Used       | Mounted | Referenced | Status  |
|-----------|------|------------|------------|---------|------------|---------|
| /dev/sda1 | EXT4 | 174.77 GiB | 740.95 GiB | ✓       | ✓          | Warning |
| /dev/sdb1 | EXT4 | 258.29 GiB | 256.47 GiB | ✓       | ✓          | Online  |
| /dev/sdc1 | EXT4 | 1.50 TiB   | 211.31 GiB | ✓       | ✓          | Online  |
| /dev/sdd1 | EXT4 | 78.85 GiB  | 1.21 TiB   | ✓       | ✓          | Online  |
| /dev/sde1 | EXT4 | 1.22 TiB   | 279.65 GiB | ✓       | ✓          | Online  |
| /dev/sdf  | EXT4 | 160.27 GiB | 3.24 TiB   | ✓       | ✓          | Online  |
| /dev/sdg1 | EXT4 | 274.08 GiB | 634.18 GiB | ✓       | ✓          | Online  |
| /dev/sdh1 | EXT4 | 27.55 GiB  | 1.26 TiB   | ✓       | ✓          | Online  |

| Name         | Device                                                 | Relative Path  | Absolute Path                                                            | Referenced |
|--------------|--------------------------------------------------------|----------------|--------------------------------------------------------------------------|------------|
| HELconfig    | /dev/disk/by-uuid/b588f7eb-f98f-4e15-b964-25574b92227e | HELCONFIG/     | /srv/dev-disk-by-uuid-b588f7eb-f98f-4e15-b964-25574b92227e/HELCONFIG     | ✓          |
| HoopHearth   | /dev/sdb1                                              | /              | /srv/dev-disk-by-uuid-43b1e164-58ce-4f60-9735-1288c124a570               | ✓          |
| Media        | 6TB                                                    | 6TB/SMB/MEDIA/ | /srv/dev-disk-by-uuid-2f363d7e-9e95-45d3-a00c-165a703258c6/6TB/SMB/MEDIA | ✓          |
| Media_02     | /dev/disk/by-uuid/b588f7eb-f98f-4e15-b964-25574b92227e | MEDIA_02/tv    | /srv/dev-disk-by-uuid-b588f7eb-f98f-4e15-b964-25574b92227e/MEDIA_02/tv   | ✓          |
| Muninn       | /dev/sde1                                              | Muninn/        | /srv/dev-disk-by-uuid-2cae64a3-155c-4238-a89d-99515c6f200f/Muninn        | ✓          |
| NetherWright | /dev/sda1                                              | /              | /srv/dev-disk-by-uuid-0338f847-2c4f-4ead-936c-9a1060048a55               | ✓          |
| YTTV         | /dev/sdf                                               | YTTV/          | /srv/dev-disk-by-uuid-07338165-b4e5-4c61-8664-dec841070d43/YTTV          | ✓          |
| mov          | /dev/disk/by-uuid/b588f7eb-f98f-4e15-b964-25574b92227e | MEDIA_02/mov   | /srv/dev-disk-by-uuid-b588f7eb-f98f-4e15-b964-25574b92227e/MEDIA_02/mov  | ✓          |
| mov2         | /dev/sdd1                                              | newMEDIA/mov2  | /srv/dev-disk-by-uuid-ca8224dc-cd97-4f1f-9f1b-04db9c09eb18/newMEDIA/mov2 | ✓          |
| movies3      | 2TB                                                    | movies3/       | /srv/dev-disk-by-uuid-1aef8932-0720-43f9-a493-c4f00007ea54/movies3       | ✓          |
| ncdata       | 6TB                                                    | 6TB/SMB/DATA/  | /srv/dev-disk-by-uuid-2f363d7e-9e95-45d3-a00c-165a703258c6/6TB/SMB/DATA  | ✓          |
| outgoing     | /dev/sdb1                                              | outgoing/      | /srv/dev-disk-by-uuid-43b1e164-58ce-4f60-9735-1288c124a570/outgoing      | ✓          |
| tv3          | /dev/sdd1                                              | tv3/           | /srv/dev-disk-by-uuid-3a9e3ba8-6cd0-458b-a676-51848b0dab9e/tv3           | ✓          |
| tv4          | /dev/sdf                                               | tv4/           | /srv/dev-disk-by-uuid-07338165-b4e5-4c61-8664-dec841070d43/tv4           | ✓          |

HELconfig -> /srv/dev-disk-by-uuid-b588f7eb-f98f-4e15-b964-25574b92227e/HELCONFIG  
HoopHearth -> /srv/dev-disk-by-uuid-43b1e164-58ce-4f60-9735-1288c124a570  
Media -> /srv/dev-disk-by-uuid-2f363d7e-9e95-45d3-a00c-165a703258c6/6TB/SMB/MEDIA  
Media\_02 -> /srv/dev-disk-by-uuid-b588f7eb-f98f-4e15-b964-25574b92227e/MEDIA\_02/tv  
Muninn -> /srv/dev-disk-by-uuid-2cae64a3-155c-4238-a89d-99515c6f200f/Muninn  
NetherWright -> /srv/dev-disk-by-uuid-0338f847-2c4f-4ead-936c-9a1060048a55  
YTTV -> /srv/dev-disk-by-uuid-07338165-b4e5-4c61-8664-dec841070d43/YTTV  
mov -> /srv/dev-disk-by-uuid-b588f7eb-f98f-4e15-b964-25574b92227e/MEDIA\_02/mov  
mov2 -> /srv/dev-disk-by-uuid-ca8224dc-cd97-4f1f-9f1b-04db9c09eb18/newMEDIA/mov2  
movies3 -> /srv/dev-disk-by-uuid-1aef8932-0720-43f9-a493-c4f00007ea54/movies3  
ncdata -> /srv/dev-disk-by-uuid-2f363d7e-9e95-45d3-a00c-165a703258c6/6TB/SMB/DATA  
outgoing -> /srv/dev-disk-by-uuid-43b1e164-58ce-4f60-9735-1288c124a570/outgoing  
tv3 -> /srv/dev-disk-by-uuid-3a9e3ba8-6cd0-458b-a676-51848b0dab9e/tv3  
tv4 -> /srv/dev-disk-by-uuid-07338165-b4e5-4c61-8664-dec841070d43/tv4

|                          |                                                                                   |                                                                                   |                                                                                   |                                                                                              |                                                      |
|--------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|------------------------------------------------------|
| <input type="checkbox"/> |  |  |  |  Front-Door | <a href="http://192.168.195.163">192.168.195.163</a> |
| <input type="checkbox"/> |  |  |  |  Media-Room | <a href="http://192.168.195.120">192.168.195.120</a> |
| <input type="checkbox"/> |  |  |  |  Playroom   | <a href="http://192.168.195.187">192.168.195.187</a> |
| <input type="checkbox"/> |  |  |  |  Studio     | <a href="http://192.168.195.128">192.168.195.128</a> |
| <input type="checkbox"/> |  |  |  |  Viv-Bed    | <a href="http://192.168.195.161">192.168.195.161</a> |