

## How to Install Obsidian Using LinuxServer Image on Your Synology NAS

12 April 2024

by [Marius Bogdan Lixandru](#)



Obsidian is a personal knowledge base and note-taking software application that operates on Markdown files. It allows users to make internal links for notes and then to visualize the connections as a graph. It is designed to help users organize and structure their thoughts and knowledge in a flexible, non-linear way. On April 7, 2024, [LinuxServer](#) released a new Obsidian image in their repository. In this step by step guide I

will show you how to install **Obsidian using Lin Image** on your **Synology NAS** using **Docker &** 

 **Note:** This guide works perfectly with the latest version of **Obsidian v1.5.12**

 **Note:** Check out my previous **Obsidian v1.5.12** guide with the official Obsidian Image.

## ▪ **STEP 1**

**Please Support My work by Making a Donation.**

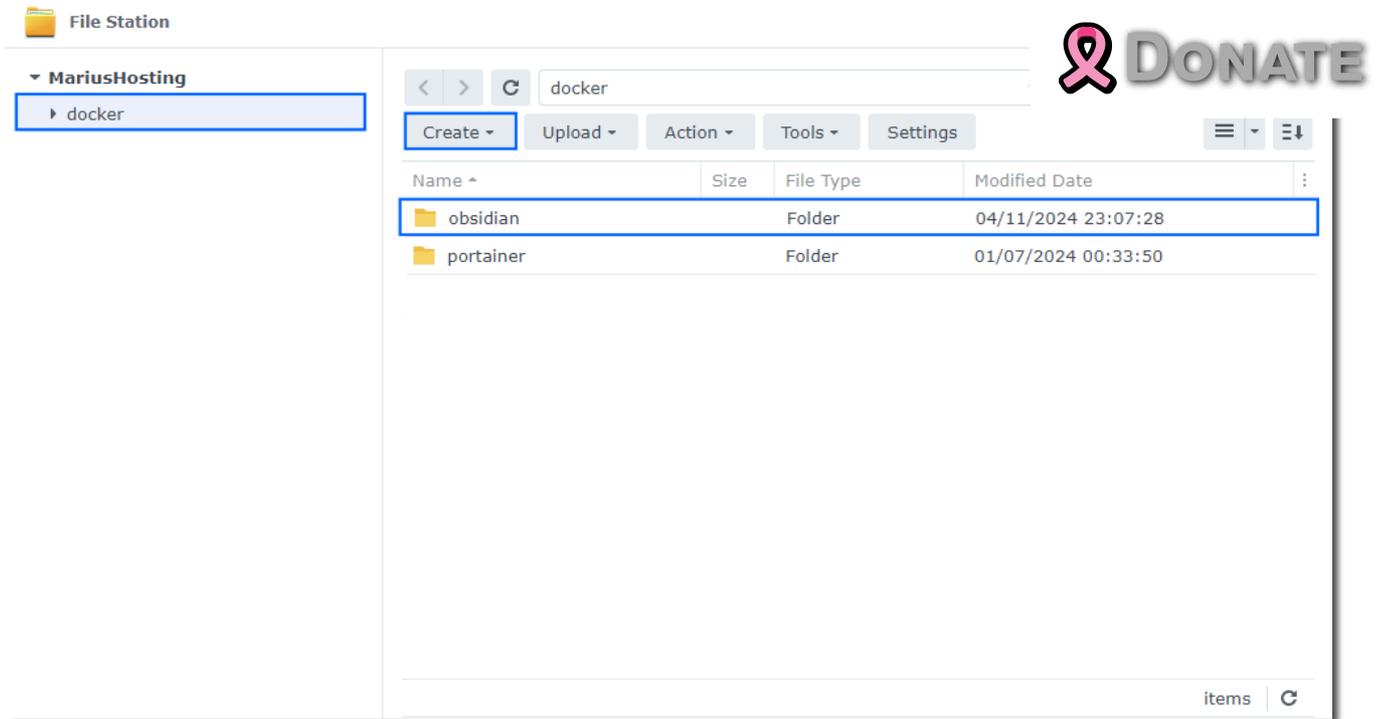
## ▪ **STEP 2**

Install **Portainer using my step by step guide**. If you already have Portainer installed on your Synology NAS, skip this STEP. **Attention:** **Make sure you have installed the latest Portainer version.**

## ▪ **STEP 3**

Go to **File Station** and open the docker folder. Inside the docker folder, create one new folder and name it **obsidian**. Follow the instructions in the image below.

**Note:** Be careful to enter only lowercase, not uppercase letters.



## ■ STEP 4

Log into Portainer using your username and password. On the left sidebar in Portainer, click on **Stacks** then **+ Add stack**. Follow the instructions in the image below.

## ■ STEP 5

In the Name field type in **obsidian**. Follow the in  the image below.

**Note:** Copy Paste the code below in the Portainer Stacks **Web editor**.

```
version: "3.9"
services:
  obsidian:
    container_name: Obsidian
    image: ghcr.io/linuxserver/obsidian:latest
    security_opt:
      - no-new-privileges:false
      - seccomp:unconfined
    healthcheck:
      test: timeout 10s bash -c ':> /dev/tcp/127.0.0.1/3000' || e>
      interval: 10s
      timeout: 5s
      retries: 3
      start_period: 90s
    environment:
      CUSTOM_USER: marius
      PASSWORD: mariushosting
      TZ: Europe/Bucharest
      PUID: 1026
      PGID: 100
    volumes:
      - /volume1/docker/obsidian:/config:rw
    ports:
      - 3421:3000
    shm_size: "5gb"
    restart: on-failure:5
```





**Note:** Before you paste the code above in the Web editor area below, change the value for **CUSTOM\_USERNAME** to your own username. marius is an example for a username.

**Note:** Before you paste the code above in the Web editor area below, change the value for **PASSWORD**. Type in your own password. mariushosting is an example for a password.

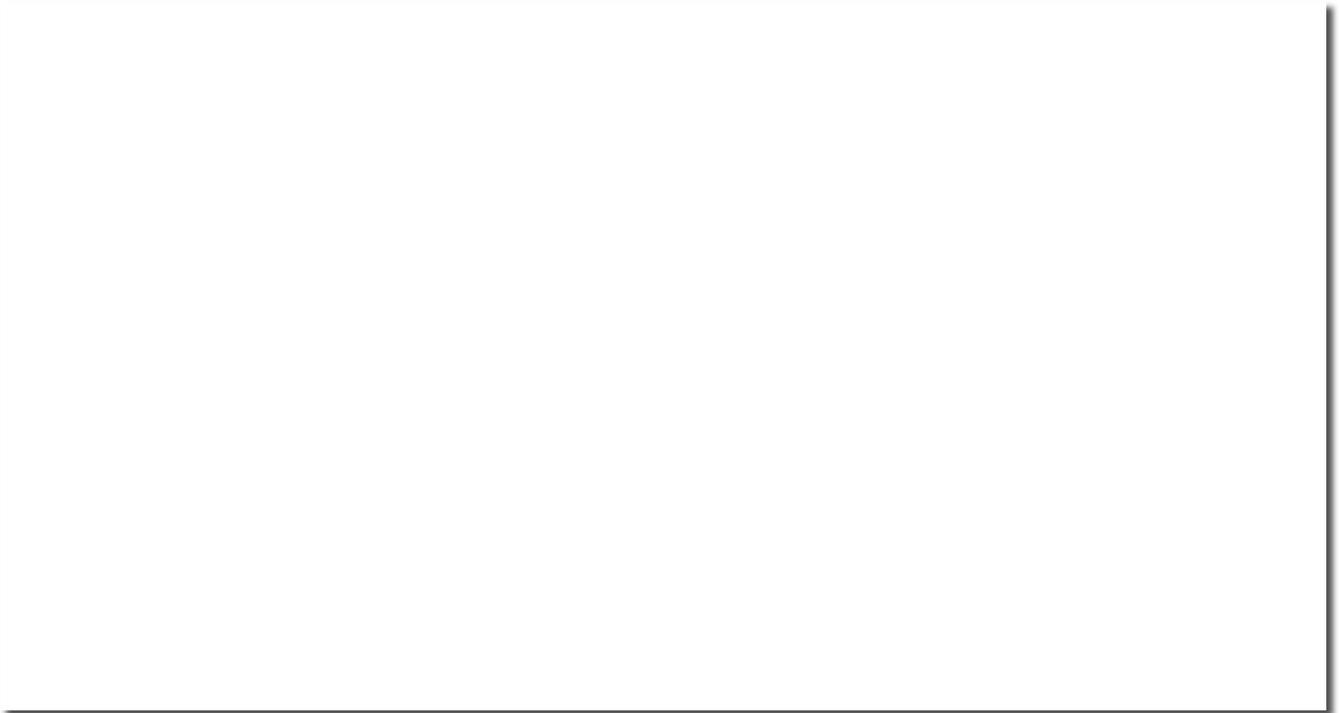
**Note:** Before you paste the code above in the Web editor area below, change the value for **TZ**. ([Select your current Time Zone from this list.](#))

**Note:** Before you paste the code above in the Web editor area below, change the value numbers for **PUID** and **PGID** with your own values. ([Follow my step by step guide on how to do this.](#))

## ■ **STEP 6**

Scroll down on the page until you see a button named **Deploy the stack**. Click on it. Follow the instructions

in the image below. The installation process can  few minutes. It will depend on your Internet speed.....



- **STEP 7**

If everything goes right, you will see the following message at the top right of your screen: **“Success Stack successfully deployed”**.

- **STEP 8**

Go back to **STEP 1** or **you will deal with karma** 😊

- **STEP 9**

The installation process can take up to a few seconds/minutes. It will depend on your Internet speed connection. Now open your browser and type in **http://Synology-ip-address:3421** If everything goes right, you will see the Obsidian Login page. Type in your own **CUSTOM\_USER** and **PASSWORD** that you have previously created at **STEP 5** then click **Sign In**. Follow the instructions in the image below.

- **STEP 10**

Create a new vault, choose an existing vault or Markdown file or Open vault from Obsidian Sync. In the example below I chose to **Create** a new Vault. Follow the instructions in the image below.

- **STEP 11**



Give a name to the Vault, then click **Browse**. Follow the instructions in the image below.



- **STEP 12**

On the left sidebar, click **Other Locations**, then the little **home icon**. Select the **config** folder, then click **Open**. Follow the instructions in the image below.

- **STEP 13**

Click **Open**. Follow the instructions in the image below.

- **STEP 14**

Click **Create**. Follow the instructions in the image below.

- **STEP 15**

Your Obsidian dashboard at a glance!

Enjoy Obsidian!

If you encounter issues by using this container, r  **DONATE**  
check out the [Common Docker issues](#) article.

**Note:** If you want to run the Obsidian container over HTTPS, check [How to Run Docker Containers Over HTTPS](#). In order to make Obsidian work via HTTPS, it's mandatory to activate [WebSocket](#).

**Note:** Can I run Docker on my Synology NAS? [See the supported models](#).

**Note:** [How to Back Up Docker Containers on your Synology NAS](#).

**Note:** Find out [how to update the Obsidian container](#) with the latest image.

**Note:** [How to Free Disk Space on Your NAS if You Run Docker](#).

**Note:** [How to Schedule Start & Stop For Docker Containers](#).

**Note:** [How to Activate Email Notifications](#).

**Note:** [How to Add Access Control Profile on Your NAS](#).

**Note:** [How to Change Docker Containers Restart Policy](#).

**Note:** [How to Use Docker Containers With VPN](#).

**Note:** [Convert Docker Run Into Docker Compose](#).

**Note:** [How to Clean Docker](#).

**Note:** [How to Clean Docker Automatically](#).

**Note:** [Best Practices When Using Docker and DDNS](#).

**Note:** [Some Docker Containers Need WebSocket](#).

**Note: Find out the Best NAS Models For Docker**  **DONATE**  
**Note: Activate Gmail SMTP For Docker Containers**

This post was updated on Friday / April 12th, 2024 at 12:52 AM

 **I Need Your Help!**

 **Support my work**  
**Marius Bogdan Lixandru**  
mariushosting Is the Ideal Resource for Sysadmins & NAS Geeks  
Copyright © 2019 – 2024 All Rights Reserved. No reproduction without permission.  
Cookie Policy – Privacy Policy & Disclaimer

