

# Setup & Configuration

We need to install the service through Portainer and configure any necessary settings.

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# Preparation

There are some things we need to do in preparation to install this service.

## Volumes

### Persistent Data

This is where the service will store its own application data and ensures we can quickly update the service image.

Ensure your user has permissions to access the folder.

### Download Folders

This service will need access to the folder where you will store their completed downloads.

Ensure your user has permissions to access the folder.

## Environment

### TZ

This is the current time zone formatted using the [tz database](#).

*For example: America/Vancouver*

## PUID

This is the numeric ID of the user account on Debian. If you are unsure, open a terminal and run:

```
id -u
```

## PGID

This is the numeric ID of the user account's group on Debian. If you are unsure, open a terminal and run:

```
id -g
```

## MOD\_AUTO\_RESTART\_ENABLED

aMule is known to have issues that can cause it to stop working properly after a few days. This setting allows the service to be restarted periodically to avoid this issue.

*Recommended:* true

## MOD\_AUTO\_SHARE\_ENABLED

This will automatically share all files and folders found within the MOD\_AUTO\_SHARE\_DIRECTORIES variable.

*Recommended:* false

# Passwords

Keep these securely stored in a password manager, such as VaultWarden.

## GUI\_PWD

This is the password for the administrator account that will be used within the web interface.

It is important to use secure passphrase that is easy-to-remember.

## WEBUI\_PWD

This is the password for the administrator account that will be used within the web interface.

It is important to use secure passphrase that is easy-to-remember.

# Installation

The service can be installed through the Portainer web interface.

Learn about [creating a new stack](#).

## Docker Compose

Use the following code to install the service:

```
---
services:
  amule:
    image: ngosang/amule
    container_name: amule
    environment:
      - PUID=1000
      - PGID=1000
      - TZ=America/Vancouver
      - GUI_PWD=
      - WEBUI_PWD=
      - MOD_AUTO_RESTART_ENABLED=true
      - MOD_AUTO_RESTART_CRON=0 6 * * *
      - MOD_AUTO_SHARE_ENABLED=false
      - MOD_AUTO_SHARE_DIRECTORIES=/incoming
      - MOD_FIX_KAD_GRAPH_ENABLED=true
      - MOD_FIX_KAD_BOOTSTRAP_ENABLED=true
    ports:
      - "4711:4711"
      - "4712:4712"
      - "4662:4662"
      - "4665:4665/udp"
      - "4672:4672/udp"
```

volumes:

# Persistent Data

- /srv/amule:/home/amule/.aMule

# Download Folders

- /mnt/downloads/incoming:/incoming

- /mnt/downloads/temp:/temp

restart: unless-stopped

# Updating

## Re-Deploy the Stack

This service has been optimized for running in Docker.

This allows you to re-deploy the stack through Portainer to download the latest updates.