

# 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.

Block ads in your archival copies by installing [AdGuard Home](#).

## 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

## 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
```

## ADMIN\_USERNAME

This is the username used to create the admin account on the first run.

This should be removed from the Compose configuration after the first run.

## ALLOWED\_HOSTS

This can be used to restrict traffic to specific domains, like archivebox.example.com.

Setting this to '\*' allows all incoming traffic. This should be set if ArchiveBox is being connected to the internet using SWAG.

*Recommended: \**

## PUBLIC\_INDEX

Configures whether your ArchiveBox index of websites can be anonymously accessed by the public.

*Recommended: False*

## PUBLIC\_SNAPSHOTS

Configures whether your ArchiveBox snapshots can be anonymously accessed by the public.

*Recommended: False*

## **PUBLIC\_ADD\_VIEW**

Configures whether your ArchiveBox can have archival backups requested anonymously by the public.

*Recommended: False*

## **MEDIA\_MAX\_SIZE**

This is the maximum allowed size for each individual media file archive

*Recommended: 750m*

## **TIMEOUT**

This is the maximum amount of time ArchiveBox will spend trying to archive a URL. This can be increased if you encounter frequent timeout errors.

*Recommended: 60*

## **CHECK\_SSL\_VALIDITY**

This verifies the SSL certificate used for secure connections before downloading an archive. This can ensure that a website is who they say they are and do not contain malicious content.

*Recommended: True*

## **SAVE\_ARCHIVE\_DOT\_ORG**

This is whether ArchiveBox will request for archive.org to backup URLs by default

*Recommended: True*

# Passwords

Keep these securely stored in a password manager, such as [VaultWarden](#).

## **ADMIN\_PASSWORD**

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:
  archivebox:
    image: archivebox/archivebox:latest
    ports:
      - 8820:8000
    network_mode: bridge
    restart: unless-stopped
    volumes:
      # Persistent Data
      - /srv/archivebox:/data
    environment:
      - ADMIN_USERNAME=
      - ADMIN_PASSWORD=
      - ALLOWED_HOSTS=
      - PUBLIC_INDEX=False
      - PUBLIC_SNAPSHOTS=False
      - PUBLIC_ADD_VIEW=False
      - PUID=1000
      - PGID=1000
      - MEDIA_MAX_SIZE=750m
      - TIMEOUT=60
      - CHECK_SSL_VALIDITY=True
      - SAVE_ARCHIVE_DOT_ORG=True
```



# 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.